

**Section 5: Career and Technical Education (CTE)**  
**Career Path, Program and Course Listings for 2022-2023**

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**Please note the following for courses marked with an “^”: For reporting this course for funding, use cost reporting code 102 for middle school and code 103 for high school; this course should not be reported with cost reporting code 300.**

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |  | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---------------------------------|--|--------|---------------|
|                              |  |                             | GRADUATION<br>REQUIREMENTS      |  |        |               |

## |AGRICULTURE, FOOD &amp; NATURAL RESOURCES CAREER PATH|

## FOOD PRODUCTS &amp; PROCESSING SYSTEMS CAREER PATH (AGPA)

|         |  |      |    |    |     |                |
|---------|--|------|----|----|-----|----------------|
| 8129200 | FOOD SCIENCE APPS<br>Food Science Applications             | 9-12 | /  |    |     |                |
| 8106810 | AGRISCIENCE FOUND 1<br>Agriscience Foundations 1/Level 3   | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2 |
| 8129210 | FOOD SCIENCE APPS 2<br>Food Science Applications 2/Level 3 | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2 |
| 8129220 | FOOD SCIENCE APPS 3<br>Food Science Applications 3/Level 3 | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2 |

## PLANT SYSTEMS CAREER PATH (AGPB)

|         |   |      |    |    |     |   |
|---------|---|------|----|----|-----|---|
| 8012100 | FLORAL DESIGN & MKT<br>Floral Design and Marketing                      | 9-12 | /  |    |     |   |
| 8012110 | INTRO FLORAL DESIGN<br>Introductory Floral Design/Level 2               | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2<br>MKTG 1<br>RETAILING@7 7 G |
| 8012120 | FLORAL DESIGN 2<br>Floral Design 2/Level 2                              | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2<br>MKTG 1<br>RETAILING@7 7 G |
| 8012130 | FLORAL DSN & MKT 3<br>Floral Design and Marketing Services<br>3/Level 2 | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2<br>MKTG 1<br>RETAILING@7 7 G |
| 8012140 | FLORAL DSN & MGMT 4<br>Floral Design and Management 4/<br>Level 2       | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2<br>MKTG 1<br>RETAILING@7 7 G |
| 8121600 | HORT SCIENCE & SERS<br>Horticulture Science & Services                  | 9-12 | /  |    |     |   |
| 8106810 | AGRISCIENCE FOUND 1<br>Agriscience Foundations 1/Level 3                | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2                              |
| 8121510 | INTRO HORTICULTURE 2<br>Introductory Horticulture 2/Level 3             | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2                              |
| 8121520 | HORTICULTURE SCI 3<br>Horticultural Science 3 /Level 3                  | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2                              |
| 8121610 | HORT SCI & SERS 4<br>Horticulture Science and Services 4<br>/Level 2    | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2                              |
| 8121620 | HORT SCI & SERS 5<br>Horticulture Science and Services 5<br>/Level 2    | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2                              |
| 8121630 | HORT SCI & SERS 6<br>Horticulture Science & Services 6/<br>Level 2      | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2<br>HORTICULT#7               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                              |
|-----------------------------------|--|-----------------------------|---|--------|--|
|                                   |  |                             |   |        |  |
| A200100                           | LANDSCAPE & TURF MGM<br>Landscape & Turf Management                          | 30, 31                      | /   |        |  |
| ORH0862                           | NURSERY WORKERS<br>Nursery Workers   | 30, 31                      | /Y  | 2.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| ORH0802                           | LANDSCAPE & GROUNDS<br>Landscape and Groundskeeping                          | 30, 31                      | /Y  | 3.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| ORH0803                           | LANDS & GROUNDS SUPR<br>Landscape and Groundskeeping<br>Supervisors          | 30, 31                      | /Y  | 1.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| 8002100                           | LANDSCAPE OPERATIONS<br>Landscape Operations                                 | 9-12                        | /   |        |  |
| 8106810                           | AGRI SCIENCE FOUND 1<br>Agriscience Foundations 1/Level 3                    | 9-12                        | /Y EQ   | 1.0    | AGRI CULTUR1 @2                            |
| 8121510                           | INTRO HORTICULTURE 2<br>Introductory Horticulture 2/Level 3                  | 9-12                        | /Y PA   | 1.0    | AGRI CULTUR1 @2                            |
| 8121520                           | HORTICULTURE SCI 3<br>Horticultural Science 3 /Level 3                       | 9-12                        | /Y PA   | 1.0    | AGRI CULTUR1 @2                            |
| 8121310                           | LAND & TURF SCI 4<br>Landscape and Turf Science 4/Level 2                    | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| 8121320                           | LAND & TURF SCI 5<br>Landscape and Turf Science 5/Level 2                    | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| 8121410                           | SPRTS&REC TURF OPS 6<br>Sports and Recreational Turf<br>Operations 6/Level 2 | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| A010616                           | NURSERY MANAGEMENT<br>Nursery Management                                     | 30, 31                      | /   |        |  |
| ORH0862                           | NURSERY WORKERS<br>Nursery Workers   | 30, 31                      | /Y  | 2.0    | AGRI CULTUR1 @2<br>HORTI CULT#7            |
| ORH0863                           | NURSERY & GRNHS MGR1<br>Nursery and Greenhouse Managers 1                    | 30, 31                      | /Y  | 3.0    | AGRI @2<br>AGRI CULTUR1 @2<br>HORTI CULT#7 |
| ORH0864                           | NURSERY & GRNHS MGR2<br>Nursery and Greenhouse Managers 2                    | 30, 31                      | /Y  | 1.0    | AGRI @2<br>AGRI CULTUR1 @2<br>HORTI CULT#7 |
| ANIMAL SYSTEMS CAREER PATH (AGPC) |  |                             |   |        |  |
| 8106200                           | ANIMAL SCI & SERV<br>Animal Science and Services                             | 9-12                        | /   |        |  |
| 8106810                           | AGRI SCIENCE FOUND 1<br>Agriscience Foundations 1/Level 3                    | 9-12                        | /Y EQ   | 1.0    | AGRI CULTUR1 @2                            |
| 8106210                           | ANIM SCI & SERS 2<br>Animal Science and Services 2/Level 2                   | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2                            |
| 8106220                           | ANIM SCI & SERS 3<br>Animal Science and Services 3/Level 2                   | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2                            |
| 8106230                           | ANIM SCI & SERS 4<br>Animal Science and Services 4/Level 2                   | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2                            |
| 8106240                           | ANIM SCI & SERS 5<br>Animal Science and Services 5/Level 2                   | 9-12                        | /Y  | 1.0    | AGRI CULTUR1 @2                            |

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|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| 8106250                      | ANIM SCI & SERS 6<br>Animal Science and Services 6/Level 2                          | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2  |
| 8004100                      | AQUACULTURE<br>Aquaculture  | 9-12                        | /   |        |   |
| 8106810                      | AGRI SCIENCE FOUND 1<br>Agri science Foundations 1/Level 3                          | 9-12                        | /Y EQ   | 1.0    | AGRICULTUR1 @2  |
| 8112010                      | AQUACULTURE 2<br>Aquaculture 2/Level 3  | 9-12                        | /Y EQ   | 1.0    | AGRICULTUR1 @2  |
| 8112020                      | AQUACULTURE 3<br>Aquaculture 3/Level 3  | 9-12                        | /Y EQ   | 1.0    | AGRICULTUR1 @2  |
| 8112030                      | AQUACULTURE 4<br>Aquaculture 4/Level 3  | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2  |
| 8004200                      | EQUESTRIAN STUDIES<br>Equestrian Studies  | 9-12                        | /   |        |   |
| 8106810                      | AGRI SCIENCE FOUND 1<br>Agri science Foundations 1/Level 3                          | 9-12                        | /Y EQ   | 1.0    | AGRICULTUR1 @2  |
| 8004210                      | INTRO TO EQUESTRIAN<br>Introduction to Equestrian Studies/<br>Level 2               | 9-12                        | /Y PA   | 1.0    | AGRICULTUR1 @2  |
| 8004220                      | BEGINNING EQUESTRIAN<br>Beginning Equestrian/Level 2                                | 9-12                        | /Y PA   | 1.0    | AGRICULTUR1 @2  |
| 8004230                      | INTERMEDIATE EQUEST<br>Intermediate Equestrian/Level 2                              | 9-12                        | /Y PA   | 1.0    | AGRICULTUR1 @2  |
| 8004240                      | ADVANCED EQUESTRIAN<br>Advanced Equestrian/Level 2                                  | 9-12                        | /Y PA   | 1.0    | AGRICULTUR1 @2  |
| 8115110                      | VETERINARY ASSISTING<br>Veterinary Assisting  | 9-12                        | /   |        |   |
| 8111510                      | VETERINARY ASSIST 1<br>Veterinary Assisting 1/Level 3                               | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2<br>VET ASSIST7 G                             |
| 8111540                      | VETERINARY ASSIST 2<br>Veterinary Assisting 2/Level 3                               | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2<br>VET ASSIST7 G                             |
| 8111550                      | VETERINARY ASSIST 3<br>Veterinary Assisting 3/Level 3                               | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2<br>VET ASSIST7 G                             |
| 8111520                      | VETERINARY ASSIST 4<br>Veterinary Assisting 4/Level 3                               | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2<br>VET ASSIST7 G                             |
| 8111530                      | VETERINARY ASSIST 5<br>Veterinary Assisting 5/Level 3                               | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2<br>VET ASSIST7 G                             |
| A010512                      | VETERINARY ASSISTING<br>Veterinary Assisting  | 30, 31                      | /   |        |   |
| ATE0006                      | VET ASST & LAB ANI 1<br>Veterinary Assistants and Laboratory<br>Animal Caretakers 1 | 30, 31                      | /Y  | 3.0    | AGRI @2<br>AGRICULTUR1 @2<br>AG SUPPLI@7 G<br>VET ASSIST7 G |
| ATE0070                      | VET ASST & LAB ANI 2<br>Veterinary Assistants and Laboratory<br>Animal Caretakers 2 | 30, 31                      | /Y  | 1.0    | AGRI @2<br>AGRICULTUR1 @2<br>AG SUPPLI@7 G<br>VET ASSIST7 G |

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|--|--|-----------------------------|--|--------|--|
|  |  |                             |  |        |  |
| ATE0072  | VETERINARY ASSISTANT<br>Veterinary Assistant                         | 30, 31                      | /Y   | 1.0    | AGRI @2<br>AGRICULTUR1 @2<br>AG SUPPLI@7 G<br>VET ASSIST7 G  |
| POWER, STRUCTURAL & TECHNICAL SYSTEMS CAREER PATH (AGPD) |  |                             |  |        |  |
| 8005200  | AG USE OF UAS TECH<br>Agricultural Use of UAS Technology             | 11-12                       | /  |        |  |
| 8005233  | AG USE OF UAS TECH<br>Agricultural Use of UAS Technology/<br>Level 3 | 11-12                       | /Y   | 1.0    | AGRI 1<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8005100  | TECHNICAL AG OPS<br>Technical Agriculture Operations                 | 9-12                        | /  |        |  |
| 8106810  | AGRICIENCE FOUND 1<br>Agriculture Foundations 1/Level 3              | 9-12                        | /Y   | EQ     | 1.0 AGRICULTUR1 @2   |
| 8005110  | TECHNICAL AG OPS 2<br>Technical Agriculture Operations 2/<br>Level 2 | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2<br>AGRI MECH#7                            |
| 8005120  | TECHNICAL AG OPS 3<br>Technical Agriculture Operations 3/<br>Level 2 | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2<br>AGRI MECH#7                            |
| 8005130  | TECHNICAL AG OPS 4<br>Technical Agriculture Operations 4/<br>Level 2 | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2<br>AGRI MECH#7                            |
| 8005140  | TECHNICAL AG OPS 5<br>Technical Agriculture Operations 5/<br>Level 2 | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2<br>AGRI MECH#7                            |
| NATURAL RESOURCES SYSTEMS CAREER PATH (AGPE)             |  |                             |  |        |  |
| 8118300  | FORESTRY<br>Forestry   | 9-12                        | /  |        |  |
| 8106810  | AGRICIENCE FOUND 1<br>Agriculture Foundations 1/Level 3              | 9-12                        | /Y   | EQ     | 1.0 AGRICULTUR1 @2   |
| 8118310  | FORESTRY & NAT RES 2<br>Forestry and Natural Resources 2/<br>Level 2 | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2   |
| 8118320  | FORESTRY & NAT RES 3<br>Forestry and Natural Resources 3/<br>Level 2 | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2   |
| 8118330  | FORESTRY 4<br>Forestry 4/Level 2                                     | 9-12                        | /Y   |        | 1.0 AGRICULTUR1 @2   |
| 8006200  | NATURAL RESOURCES<br>Natural Resources                               | 9-12                        | /  |        |  |
| 8106810  | AGRICIENCE FOUND 1<br>Agriculture Foundations 1/Level 3              | 9-12                        | /Y   | EQ     | 1.0 AGRICULTUR1 @2   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                     | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                               | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|--|--|-----------------------------|---|--------|----------------|
|  |  |                             |   |        |                |
| 8006220  | INTRO TO NAT RES 2<br>Introduction to Natural Resources 2<br>/Level 3                  | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2 |
| 8006230  | NAT RESOURCE TEC 3<br>Natural Resource Technology 3/Level 3                            | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2 |
| 8006240  | NAT RESOURCE MGMT 4<br>Natural Resource Management 4/Level 3                           | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2 |
| 8006250  | ADV NAT RESOURCES 5<br>Advanced Natural Resources 5/Level 3                            | 9-12                        | /Y  | 1.0    | AGRICULTUR1 @2 |
| ENVIRONMENTAL SERVICE SYSTEMS CAREER PATH (AGPF) |  |                             |   |        |                |
| 8007300  | ENV WATER & RECL TEC<br>Environmental Water & Reclamation<br>Technology                | 9-12                        | /   |        |                |
| 8007110  | INTRO ENV WATER TECH<br>Introduction to Environmental Water<br>Technology/Level 2      | 9-12                        | /Y  | 1.0    | ENV WAT TE7 G  |
| 8007120  | INTM ENV WATER TECH<br>Intermediate Environmental Water<br>Technology/Level 2          | 9-12                        | /Y  | 1.0    | ENV WAT TE7 G  |
| 8007130  | ADV ENV WATER TECH<br>Advanced Environmental Water<br>Technology/Level 2               | 9-12                        | /Y  | 1.0    | ENV WAT TE7 G  |
| 8007210  | ADV ENV WAT RECLAIM<br>Advanced Environmental Water<br>Reclamation Technology/ Level 2 | 9-12                        | /Y  | 1.0    | ENV WAT TE7 G  |
| <sup>a</sup> P150527                             | WSTWTR TRTMT TECHS<br>Wastewater Treatment Technologies                                | 30, 31                      | /   |        |                |
| <sup>a</sup> EVS0333                             | WSTWTR TREAT PL OP, C<br>Wastewater Treatment Plant Operator,<br>Level "C"             | 30, 31                      | /Y  | 1.0    | WSP OPER 7 G   |
| <sup>a</sup> EVS0343                             | WSTWTR TREAT PL OP, B<br>Wastewater Treatment Plant Operator,<br>Level "B"             | 30, 31                      | /S  | 0.5    | WSP OPER 7 G   |
| <sup>a</sup> EVS0350                             | WSTWTR TREAT PL OP, A<br>Wastewater Treatment Plant Operator,<br>Level "A"             | 30, 31                      | /S  | 0.5    | WSP OPER 7 G   |
| <sup>a</sup> P150507                             | WATER TREATMENT TECH<br>Water Treatment Technologies                                   | 30, 31                      | /   |        |                |
| <sup>a</sup> EVS0133                             | WTR TREAT PL OP, C<br>Water Treatment Plant Operator,<br>Level "C"                     | 30, 31                      | /Y  | 1.0    | WSP OPER 7 G   |
| <sup>a</sup> EVS0143                             | WTR TREAT PL OP, B<br>Water Treatment Plant Operator,<br>Level "B"                     | 30, 31                      | /S  | 0.5    | WSP OPER 7 G   |
| <sup>a</sup> EVS0153                             | WTR TREAT PL OP, A<br>Water Treatment Plant Operator,<br>Level "A"                     | 30, 31                      | /S  | 0.5    | WSP OPER 7 G   |

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|------------------------------|--|-----------------------------|---------------------------------|--|--------|---------------|
|                              |  |                             | GRADUATION<br>REQUIREMENTS      |  |        |               |

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 AGRIBUSINESS SYSTEMS CAREER PATH (AGPG)  
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|         |   |      |    |    |     |                |
|---------|---|------|----|----|-----|----------------|
| 8117000 | AGRICULTURAL COMM<br>Agricultural Communications                          | 9-12 | /  |    |     |                |
| 8106810 | AGRICULTURE FOUND 1<br>Agriscience Foundations 1/Level 3                  | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2 |
| 8117010 | AG COMMUNICATIONS 2<br>Agricultural Communications 2/Level 3              | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2 |
| 8117020 | AG COMMUNICATIONS 3<br>Agricultural Communications 3/Level 3              | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2 |
| 8116000 | AG SALES & SERVICES<br>Agricultural Sales and Services                    | 9-12 | /  |    |     |                |
| 8106810 | AGRICULTURE FOUND 1<br>Agriscience Foundations 1/Level 3                  | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2 |
| 8116010 | AG SALES & SERS 2<br>Agricultural Sales and Services 2/<br>Level 3        | 9-12 | /Y | EC | 1.0 | AGRICULTUR1 @2 |
| 8116020 | AG SALES & SERS 3<br>Agricultural Sales and Services 3/<br>Level 3        | 9-12 | /Y | PA | 1.0 | AGRICULTUR1 @2 |
| 8106800 | AGRITECHNOLOGY<br>Agritechnology  | 9-12 | /  |    |     |                |
| 8106810 | AGRICULTURE FOUND 1<br>Agriscience Foundations 1/Level 3                  | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2 |
| 8106820 | AGRITECHNOLOGY 1<br>Agritechnology 1/Level 2                              | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2 |
| 8106830 | AGRITECHNOLOGY 2<br>Agritechnology 2/Level 2                              | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2 |
| 8009100 | PRIN OF AGRI & MGMT<br>Principles of Agribusiness and<br>Management       | 9-12 | /  |    |     |                |
| 8106810 | AGRICULTURE FOUND 1<br>Agriscience Foundations 1/Level 3                  | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2 |
| 8009110 | AG LEAD & MANAGEMENT<br>Agriculture Leadership and Management<br>/Level 3 | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2 |
| 8009120 | PRIN OF AGRIBUSINESS<br>Principles of Agribusiness/Level 3                | 9-12 | /Y | EC | 1.0 | AGRICULTUR1 @2 |

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 AGRICULTURE BIOTECHNOLOGY (AGPH)  
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|         |  |      |    |    |     |                |
|---------|--|------|----|----|-----|----------------|
| 8003100 | AGRICULTURE BIOTECH<br>Agriculture Biotechnology           | 9-12 | /  |    |     |                |
| 8106810 | AGRICULTURE FOUND 1<br>Agriscience Foundations 1/Level 3   | 9-12 | /Y | EQ | 1.0 | AGRICULTUR1 @2 |
| 8106850 | AG BIOTECHNOLOGY 2<br>Agricultural Biotechnology 2/Level 3 | 9-12 | /Y |    | 1.0 | AGRICULTUR1 @2 |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER            | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                       | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS |               |
|---|--|-----------------------------|---|----------|----------------|---|---------------|
|   |  |                             |   |          |                |   |               |
| 8106860                                 | AG BIOTECHNOLOGY 3<br>Agricultural Biotechnology 3/Level 3                                     | 9-12                        | /Y EQ   | 1.0      | AGRICULTUR1 @2 |   |               |
| 8106120                                 | ANIMAL BIOTECHNOLOGY<br>Animal Biotechnology/Level 3   | 9-12                        | /Y  | 1.0      | AGRICULTUR1 @2 |   |               |
| 8106510                                 | PLANT BIOTECHNOLOGY<br>Plant Biotechnology/Level 3   | 9-12                        | /Y  | 1.0      | AGRICULTUR1 @2 |   |               |
| -----<br>SUPPLEMENTAL PROGRAMS<br>----- |  |                             |   |          |                |   |               |
| 8100330                                 | ADV CONCEPTS OF AG<br>Advanced Concepts of Agriscience/<br>Level 2                             | 11-12                       | /Y  | 1.0      | AGRICULTUR     | 1 @2  |               |
| 8100410                                 | AGRI, FOOD, NR - OJT<br>Agriculture, Food and Natural<br>Resources Cooperative Education - OJT | 9-12                        | /M  | MULTIPLE | AGRICULTUR     | 1 @2  | ANY AG ED G ¶ |
| 8100100                                 | AGRI, FOOD, NR DS<br>Agriculture, Food and Natural<br>Resources Directed Study                 | 11-12                       | /M  | MULTIPLE | AGRICULTUR     | 1 @2  | ANY AG ED G ¶ |
| 8100210                                 | EX OF AGRISCI<br>Exploration of Agriscience  | 6-8                         | /S  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8021400                                 | FUND OF AG SERVICES<br>Fundamentals of Agriculture, Food<br>and Natural Resource Services      | 6-8                         | /Y  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8021300                                 | FUND OF AG SYSTEMS<br>Fundamentals of Agriculture, Food<br>and Natural Resource Systems        | 6-8                         | /Y  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8021100                                 | INTRO TO AG, FOOD, NR<br>Introduction to Agriculture, Food<br>and Natural Resources            | 6-8                         | /S  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8021110                                 | INTRO TO AG & CP<br>Introduction to Agriculture, Food<br>and Natural Resources/Career Plan     | 6-8                         | /S  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8100120                                 | INTRO AGRISCIENCE<br>Introduction to Agriscience   | 6-8                         | /S  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8100310                                 | ORIENT AGRISCIENCE<br>Orientation to Agriscience   | 6-8                         | /S  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |
| 8100110                                 | ORIEN TO AGSCI & C P<br>Orientation to Agriscience and<br>Career Planning                      | 6-8                         | /S  |          | AGRICULTUR     | 1 @2  | EXP AG @4     |



| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING |                         | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|-----------------|-------------------------|--------|---------------|
|                              |  |                             | SUBJECT AREA    | GRADUATION REQUIREMENTS |        |               |
| APPRENTICESHIP PROGRAMS      |  |                             |                 |                         |        |               |
| A01061R                      | NURSERY MGMT- APPR<br>Nursery Management - Apprenticeship          | 30, 31                      | /               |                         |        |               |
| A01062R                      | NURSERY TEC- APPR<br>Nursery Technician - Apprenticeship           | 30, 31                      | /               |                         |        |               |
| A01051R                      | SERVICE ANIMAL TRAIN<br>Service Animal Trainer -<br>Apprenticeship | 30, 31                      | /               |                         |        |               |
| 8199990                      | AGRIBUS ED TRAN<br>Agribusiness Education Transfer                 | 9- 12                       | /               |                         | NA     |               |
| A010000                      | AGRIBUS ED TRANSFER<br>Agribusiness Education Transfer             | 30, 31                      | /               |                         | NA     |               |

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 |ARCHITECTURE & CONSTRUCTION CAREER CLUSTER|  
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DESIGN/PRE- CONSTRUCTION CAREER PATH (ACPA)

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|         |   |       |    |    |     |  |
|---------|---|-------|----|----|-----|--|
| 8101100 | ARCHITECTURAL DRAFT<br>Architectural Drafting           | 9- 12 | /  |    |     |  |
| 8725010 | DRAFTING 1<br>Drafting 1/Level 3                        | 9- 12 | /Y | PA | 1.0 | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725020 | DRAFTING 2<br>Drafting 2/Level 3                        | 9- 12 | /Y | PA | 1.0 | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725030 | DRAFTING 3<br>Drafting 3/Level 3                        | 9- 12 | /Y | PA | 1.0 | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725040 | DRAFTING 4<br>Drafting 4/Level 3                        | 9- 12 | /Y | PA | 1.0 | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725450 | ARCHITEC DRAFTING 5<br>Architectural Drafting 5/Level 3 | 9- 12 | /Y | PA | 1.0 | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |    | CREDIT | CERTIFICATION |   |   |
|------------------------------|--|-----------------------------|---------------------------------|----|--------|---------------|---|---|
|                              |  |                             | GRADUATION<br>REQUIREMENTS      |    |        |               |   |   |
| 8725460                      | ARCHITEC DRAFTING 6<br>Architectural Drafting 6/Level 3            | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8101200                      | CIVIL AND SURVEYING<br>Civil and Surveying Drafting                | 9-12                        | /                               |    |        |               |   |   |
| 8725010                      | DRAFTING 1<br>Drafting 1/Level 3                                   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8725020                      | DRAFTING 2<br>Drafting 2/Level 3                                   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8725030                      | DRAFTING 3<br>Drafting 3/Level 3                                   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8725040                      | DRAFTING 4<br>Drafting 4/Level 3                                   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8725550                      | CIVIL SURVEY DRAFT 5<br>Civil and Surveying Drafting 5/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8725560                      | CIVIL SURVEY DRAFT 6<br>Civil and Surveying Drafting 6/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7   | 7 | G |
|                              |  |                             |                                 |    |        | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
| 8915000                      | CIVIL ENGINEER AIDE<br>Civil Engineering Aide                      | 9-12                        | /                               |    |        |               |   |   |
| 8915010                      | CIVIL ENGR AIDE 1<br>Civil Engineering Aide 1/Level 2              | 9-12                        | /Y                              | PA | 1.0    | SURVEY 7      | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
| 8915020                      | CIVIL ENGR AIDE 2<br>Civil Engineering Aide 2/Level 2              | 9-12                        | /Y                              | PA | 1.0    | SURVEY 7      | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
| 8915030                      | CIVIL ENGR AIDE 3<br>Civil Engineering Aide 3/Level 3              | 9-12                        | /Y                              |    | 1.0    | SURVEY 7      | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
| 8915040                      | CIVIL ENGR AIDE 4<br>Civil Engineering Aide 4/Level 3              | 9-12                        | /Y                              |    | 1.0    | SURVEY 7      | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
| C100300                      | CPT AIDED DRAWING<br>Computer Aided Drawing and Modeling           | 30, 31                      | /                               |    |        |               |   |   |
| TDR0301                      | CAD & MODELING I<br>CAD & Modeling I                               | 30, 31                      | /Y                              | PA | 3.0    | DRAFTING @7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC DRAFT 7   | 7 | G |
|                              |  |                             |                                 |    |        | TEC CONST@7   | 7 | G |
|                              |  |                             |                                 |    |        | BLDG CONS@7   | 7 | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |    | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|---------------------------------|----|--------|--|
|                              |  |                             | GRADUATION<br>REQUIREMENTS      |    |        |  |
| TDR0302                      | CAD & MODELING II<br>CAD & Modeling II                                       | 30, 31                      | /Y                              | PA | 3.0    | DRAFTING @7 7 G<br>TEC DRAFT 7 G<br>TEC CONST@7 7 G<br>BLDG CONS@7 7 G |
| TDR0303                      | MODELING CAD TECH<br>Building Information Modeling CAD<br>Technician         | 30, 31                      | /Y                              | PA | 2.0    | DRAFTING @7 7 G<br>TEC DRAFT 7 G<br>TEC CONST@7 7 G<br>BLDG CONS@7 7 G |
| TDR0305                      | MECHANICAL CAD TECH<br>Mechanical CAD Technician                             | 30, 31                      | /Y                              | PA | 2.0    | DRAFTING @7 7 G<br>TEC DRAFT 7 G<br>TEC CONST@7 7 G<br>BLDG CONS@7 7 G |
| TDR0306                      | CIVIL/GIS CAD TECH<br>Civil/Geographic Information Systems<br>CAD Technician | 30, 31                      | /Y                              | PA | 2.0    | DRAFTING @7 7 G<br>TEC DRAFT 7 G<br>TEC CONST@7 7 G<br>BLDG CONS@7 7 G |
| 8725000                      | DRAFTING<br>Drafting   | 9-12                        | /                               |    |        |  |
| 8725010                      | DRAFTING 1<br>Drafting 1/Level 3   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725020                      | DRAFTING 2<br>Drafting 2/Level 3   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725030                      | DRAFTING 3<br>Drafting 3/Level 3   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| 8725040                      | DRAFTING 4<br>Drafting 4/Level 3   | 9-12                        | /Y                              | PA | 1.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| C100200                      | DRAFTING<br>Drafting   | 30, 31                      | /                               |    |        |  |
| TDR0070                      | INTRO TO DRAFTING<br>Introduction to Drafting                                | 30, 31                      | /Y                              | PA | 1.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| TDR0370                      | DRAFTING ASST<br>Drafting Assistant  | 30, 31                      | /Y                              | PA | 3.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |
| TDR0775                      | DRAFTING DETAILER 1<br>Drafting Detailer 1                                   | 30, 31                      | /Y                              | PA | 1.0    | BLDG CONS@7 7 G<br>DRAFTING @7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER    | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |             |
|---------------------------------|---|-----------------------------|--|--------|---------------|-----------------|-------------|
|                                 |   |                             |  |        |               | BLDG CONS@7     | TEC CONST@7 |
| TDR0776                         | DRAFTING DETAILER 2<br>Drafting Detailer 2  | 30, 31                      | /Y PA                                      | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| TDR0570                         | ARCHITECTURAL DRAFT<br>Architectural Drafter  | 30, 31                      | /Y PA                                      | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| TDR0874                         | CIVIL DRAFTER<br>Civil Drafter  | 30, 31                      | /Y PA                                      | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| TDR0777                         | MECHANICAL DRAFTER<br>Mechanical Drafter  | 30, 31                      | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| TDR0875                         | STRUCTURAL DRAFTER<br>Structural Drafter  | 30, 31                      | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| CONSTRUCTION CAREER PATH (ACPB) |   |                             |  |        |               |                 |             |
| -----                           |   |                             |  |        |               |                 |             |
| 8723000                         | A/C, REFG & HT TECH<br>Air Conditioning, Refrigeration and<br>Heating Technology    | 9-12                        | /  |        |               |                 |             |
| 8713010                         | A/C, REFG & HT TECH 1<br>Air Conditioning and Refrigeration<br>Technology 1/Level 2 | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| 8713020                         | A/C&REFG & HT TECH 2<br>Air Conditioning and Refrigeration<br>Technology 2/Level 2  | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| 8713030                         | A/C, REFG & HT TECH 3<br>Air Conditioning and Refrigeration<br>Technology 3/Level 2 | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| 8713040                         | A/C, REFG & HT TECH 4<br>Air Conditioning and Refrigeration<br>Technology 4/Level 2 | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| 8713050                         | A/C&REFG & HT TECH 5<br>Air Conditioning and Refrigeration<br>Technology 5/Level 2  | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| 8713060                         | A/C&REFG & HT TECH 6<br>Air Conditioning and Refrigeration<br>Technology 6/Level 2  | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |
| 8713070                         | A/C&REFG & HT TECH 7<br>Air Conditioning and Refrigeration<br>Technology 7/Level 2  | 9-12                        | /Y   | 1.0    |               | 7               | G           |
|                                 |   |                             |  |        |               | 7               | G           |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING                             |                 | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|---|-----------------|-----------------|
|                              |  |                             |  |        | COURSES MEETING                             | COURSES MEETING |                 |
| <sup>a</sup> I470203         | <sup>a</sup> AIR COND, REF, HEAT<br>Air Conditioning, Refrigeration and<br>Heating Technology    | 30, 31                      | /  |        |   |                 |                 |
| ACR0041                      | AC, REF & HEAT HLP<br>Air Conditioning, Refrigeration and<br>Heating Helper                      | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| ACR0043                      | AC, REF & HEAT MECH<br>Air Conditioning, Refrigeration and<br>Heating Mechanic Assistant         | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| ACR0047                      | AC, REFG & HEAT MEC1<br>Air Conditioning, Refrigeration and<br>Heating Mechanic 1                | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| ACR0049                      | AC, REFG & HEAT MEC2<br>Air Conditioning, Refrigeration and<br>Heating Mechanic 2                | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| <sup>a</sup> ACR0044         | HVAC/R ADV SRV<br>HVAC/R Advanced Service Practices  | 30, 31                      | /Y   | 2.0    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| <sup>a</sup> ACR0045         | HVAC/R ADV COMM<br>HVAC/R Advanced Commercial and<br>Industrial Service Practices                | 30, 31                      | /Y   | 2.0    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| <sup>a</sup> C400100         | <sup>a</sup> AIR COND, REF, HEAT1<br>Air Conditioning, Refrigeration and<br>Heating Technology 1 | 30, 31                      | /  |        |   |                 |                 |
| ACR0041                      | AC, REF & HEAT HLP<br>Air Conditioning, Refrigeration and<br>Heating Helper                      | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| ACR0043                      | AC, REF & HEAT MECH<br>Air Conditioning, Refrigeration and<br>Heating Mechanic Assistant         | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| ACR0047                      | AC, REFG & HEAT MEC1<br>Air Conditioning, Refrigeration and<br>Heating Mechanic 1                | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| <sup>a</sup> C400200         | <sup>a</sup> AIR COND, REF, HEAT2<br>Air Conditioning, Refrigeration and<br>Heating Technology 2 | 30, 31                      | /  |        |   |                 |                 |
| ACR0049                      | AC, REFG & HEAT MEC2<br>Air Conditioning, Refrigeration and<br>Heating Mechanic 2                | 30, 31                      | /Y   | 1.5    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| <sup>a</sup> ACR0044         | HVAC/R ADV SRV<br>HVAC/R Advanced Service Practices  | 30, 31                      | /Y   | 2.0    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| <sup>a</sup> ACR0045         | HVAC/R ADV COMM<br>HVAC/R Advanced Commercial and<br>Industrial Service Practices                | 30, 31                      | /Y   | 2.0    | AC HEAT M@7<br>REFRG MECH7                  | 7<br>G          | G               |
| 8722900                      | BRK & BLOCK MASONRY<br>Brick and Block Masonry   | 9-12                        | /  |        |   |                 |                 |
| 8722610                      | MASONRY 1<br>Masonry 1/Level 2   | 9-12                        | /Y   | 1.0    | BLDG CONS#17<br>TEC CONST#17<br>TROWEL TR 7 | #17<br>#17<br>7 | #17<br>#17<br>G |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| 8722620                      | MASONRY 2<br>Masonry 2/Level 2                                       | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| 8722630                      | MASONRY 3<br>Masonry 3/Level 2                                       | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| 8722640                      | MASONRY 4<br>Masonry 4/Level 2                                       | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| 8722650                      | MASONRY 5<br>Masonry 5/Level 2                                       | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| I463112                      | BRK & BLK MASONRY<br>Brick and Block Masonry                         | 30, 31                      | /   |        |   |
| BCV0330                      | MASONRY TENDER<br>Masonry Tender                                     | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| BCV0360                      | BRICKLAYER HELPER<br>Bricklayer Helper                               | 30, 31                      | /Y  | 2.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| BCV0362                      | BRICKMASON 1<br>Brickmason 1   | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| BCV0363                      | BRICKMASON 2<br>Brickmason 2   | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>TEC CONST@7 7 G<br>TROWEL TR 7 G   |
| 8720300                      | BUILDING CONST TECH<br>Building Construction Technologies            | 9-12                        | /   |        |   |
| 8720310                      | BLDG CONST TECH 1<br>Building Construction Technologies<br>1/Level 2 | 9-12                        | /Y  | 1.0    | AC HEAT M@7 7 G<br>BLDG CONS@7 7 G<br>BLDG MAIN@7 7 G<br>CARPENTRY@7 7 G<br>DRAFTING @7 7 G<br>ELECTRICA@7 7 G<br>ENG 7 G<br>PLUMBIN @7 7 G<br>SHEETMETA@7 7 G<br>TEC CONST@7 7 G<br>TEC DRAFT 7 G<br>TROWEL TR 7 G |

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| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |  |      |
|------------------------------|--|-----------------------------|--|--------|-----------------|--|------|
|                              |  |                             |  |        | CERTIFICATION   |  |      |
| 8720320                      | BLDG CONST TECH 2<br>Building Construction Technologies<br>2/Level 2 | 9-12                        | /Y   | 1.0    | AC HEAT M@7     | 7  | G    |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G    |
|                              |  |                             |  |        | BLDG MAIN@7     | 7  | G    |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G    |
|                              |  |                             |  |        | DRAFTING @7     | 7  | G    |
|                              |  |                             |  |        | ELECTRICA@7     | 7  | G    |
|                              |  |                             |  |        | ENG             | 7  | G    |
|                              |  |                             |  |        | PLUMBIN @7      | 7  | G    |
|                              |  |                             |  |        | SHEETMETA@7     | 7  | G    |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G    |
|                              |  |                             |  |        | TEC DRAFT       | 7  | G    |
|                              |  |                             |  |        | TROWEL TR       | 7  | G    |
|                              |  |                             |  |        | 8720330         | BLDG CONST TECH 3<br>Building Construction Technologies<br>3/Level 3 | 9-12 |
| BLDG CONS@7                  | 7  | G                           |  |        |                 |  |      |
| BLDG MAIN@7                  | 7  | G                           |  |        |                 |  |      |
| CARPENTRY@7                  | 7  | G                           |  |        |                 |  |      |
| DRAFTING @7                  | 7  | G                           |  |        |                 |  |      |
| ELECTRICA@7                  | 7  | G                           |  |        |                 |  |      |
| ENG                          | 7  | G                           |  |        |                 |  |      |
| PLUMBIN @7                   | 7  | G                           |  |        |                 |  |      |
| SHEETMETA@7                  | 7  | G                           |  |        |                 |  |      |
| TEC CONST@7                  | 7  | G                           |  |        |                 |  |      |
| TEC DRAFT                    | 7  | G                           |  |        |                 |  |      |
| TROWEL TR                    | 7  | G                           |  |        |                 |  |      |
| 8720340                      | BLDG CONST TECH 4<br>Building Construction Technologies<br>4/Level 2 | 9-12                        | /Y   | 1.0    |                 |  |      |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G    |
|                              |  |                             |  |        | BLDG MAIN@7     | 7  | G    |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G    |
|                              |  |                             |  |        | DRAFTING @7     | 7  | G    |
|                              |  |                             |  |        | ELECTRICA@7     | 7  | G    |
|                              |  |                             |  |        | ENG             | 7  | G    |
|                              |  |                             |  |        | PLUMBIN @7      | 7  | G    |
|                              |  |                             |  |        | SHEETMETA@7     | 7  | G    |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G    |
|                              |  |                             |  |        | TEC DRAFT       | 7  | G    |
|                              |  |                             |  |        | TROWEL TR       | 7  | G    |
|                              |  |                             |  |        | 8720350         | BLDG CONST TECH 5<br>Building Construction Technologies<br>5/Level 2 | 9-12 |
| BLDG CONS@7                  | 7  | G                           |  |        |                 |  |      |
| BLDG MAIN@7                  | 7  | G                           |  |        |                 |  |      |
| CARPENTRY@7                  | 7  | G                           |  |        |                 |  |      |
| DRAFTING @7                  | 7  | G                           |  |        |                 |  |      |
| ELECTRICA@7                  | 7  | G                           |  |        |                 |  |      |
| ENG                          | 7  | G                           |  |        |                 |  |      |
| PLUMBIN @7                   | 7  | G                           |  |        |                 |  |      |
| SHEETMETA@7                  | 7  | G                           |  |        |                 |  |      |
| TEC CONST@7                  | 7  | G                           |  |        |                 |  |      |
| TEC DRAFT                    | 7  | G                           |  |        |                 |  |      |
| TROWEL TR                    | 7  | G                           |  |        |                 |  |      |

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| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |  |        |
|------------------------------|--|-----------------------------|--|--------|-----------------|--|--------|
|                              |  |                             |  |        | CERTIFICATION   |  |        |
| 8720360                      | BLDG CONST TECH 6<br>Building Construction Technologies<br>6/Level 2 | 9-12                        | /Y   | 1.0    | AC HEAT M@7     | 7  | G      |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G      |
|                              |  |                             |  |        | BLDG MAIN@7     | 7  | G      |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G      |
|                              |  |                             |  |        | DRAFTING @7     | 7  | G      |
|                              |  |                             |  |        | ELECTRICA@7     | 7  | G      |
|                              |  |                             |  |        | ENG             | 7  | G      |
|                              |  |                             |  |        | PLUMBIN @7      | 7  | G      |
|                              |  |                             |  |        | SHEETMETA@7     | 7  | G      |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G      |
|                              |  |                             |  |        | TEC DRAFT       | 7  | G      |
|                              |  |                             |  |        | TROWEL TR       | 7  | G      |
|                              |  |                             |  |        | 8720370         | BLDG CONST TECH 7<br>Building Construction Technologies<br>7/Level 2 | 9-12   |
| BLDG CONS@7                  | 7  | G                           |  |        |                 |  |        |
| BLDG MAIN@7                  | 7  | G                           |  |        |                 |  |        |
| CARPENTRY@7                  | 7  | G                           |  |        |                 |  |        |
| DRAFTING @7                  | 7  | G                           |  |        |                 |  |        |
| ELECTRICA@7                  | 7  | G                           |  |        |                 |  |        |
| ENG                          | 7  | G                           |  |        |                 |  |        |
| PLUMBIN @7                   | 7  | G                           |  |        |                 |  |        |
| SHEETMETA@7                  | 7  | G                           |  |        |                 |  |        |
| TEC CONST@7                  | 7  | G                           |  |        |                 |  |        |
| TEC DRAFT                    | 7  | G                           |  |        |                 |  |        |
| TROWEL TR                    | 7  | G                           |  |        |                 |  |        |
| I460401                      | BUILDING CONST TECH<br>Building Construction Technologies            | 30, 31                      | /  |        |                 |  |        |
| BCV0400                      | BLDG CONST HLP<br>Building Construction Helper                       | 30, 31                      | /Y   | 3.0    | AC HEAT M@7     | 7  | G      |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G      |
|                              |  |                             |  |        | BLDG MAIN@7     | 7  | G      |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G      |
|                              |  |                             |  |        | DRAFTING @7     | 7  | G      |
|                              |  |                             |  |        | ELECTRICA@7     | 7  | G      |
|                              |  |                             |  |        | ENG             | 7  | G      |
|                              |  |                             |  |        | PLUMBIN @7      | 7  | G      |
|                              |  |                             |  |        | SHEETMETA@7     | 7  | G      |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G      |
|                              |  |                             |  |        | TEC DRAFT       | 7  | G      |
|                              |  |                             |  |        | TROWEL TR       | 7  | G      |
|                              |  |                             |  |        | BCV0401         | BLDG CONST TECH 1<br>Building Construction Technician 1              | 30, 31 |
| BLDG CONS@7                  | 7  | G                           |  |        |                 |  |        |
| BLDG MAIN@7                  | 7  | G                           |  |        |                 |  |        |
| CARPENTRY@7                  | 7  | G                           |  |        |                 |  |        |
| DRAFTING @7                  | 7  | G                           |  |        |                 |  |        |
| ELECTRICA@7                  | 7  | G                           |  |        |                 |  |        |
| ENG                          | 7  | G                           |  |        |                 |  |        |
| PLUMBIN @7                   | 7  | G                           |  |        |                 |  |        |
| SHEETMETA@7                  | @7   | G                           |  |        |                 |  |        |
| TEC CONST@7                  | 7  | G                           |  |        |                 |  |        |
| TEC DRAFT                    | 7  | G                           |  |        |                 |  |        |
| TROWEL TR                    | 7  | G                           |  |        |                 |  |        |



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|------------------------------|---|-----------------------------|--|--------|-----------------|----|---|
|                              |   |                             |  |        | CERTIFICATION   |    |   |
| BCV0402                      | BLDG CONST TECH 2<br>Building Construction Technician 2                         | 30, 31                      | /Y   | 2.0    | AC HEAT M@7     | 7  | G |
|                              |   |                             |  |        | BLDG CONS@7     | 7  | G |
|                              |   |                             |  |        | BLDG MAIN@7     | 7  | G |
|                              |   |                             |  |        | CARPENTRY@7     | @7 | G |
|                              |   |                             |  |        | DRAFTING @7     | 7  | G |
|                              |   |                             |  |        | ELECTRICA@7     | 7  | G |
|                              |   |                             |  |        | ENG             | 7  | G |
|                              |   |                             |  |        | PLUMBIN @7      | 7  | G |
|                              |   |                             |  |        | SHEETMETA@7     | 7  | G |
|                              |   |                             |  |        | TEC CONST@7     | 7  | G |
| TEC DRAFT                    | 7   | G                           |  |        |                 |    |   |
| TROWEL TR                    | 7   | G                           |  |        |                 |    |   |
| 8722000                      | BLDG TR & CONST DSN<br>Building Trades and Construction Design Technology       | 9-12                        | /  |        |                 |    |   |
| 8722010                      | BLDG TR & CDT 1<br>Building Trades and Construction Design Technology 1/Level 2 | 9-12                        | /Y   | 1.0    | AC HEAT M@7     | 7  | G |
|                              |   |                             |  |        | BLDG CONS@7     | 7  | G |
|                              |   |                             |  |        | BLDG MAIN@7     | 7  | G |
|                              |   |                             |  |        | CARPENTRY@7     | 7  | G |
|                              |   |                             |  |        | DRAFTING @7     | 7  | G |
|                              |   |                             |  |        | ELECTRICA@7     | 7  | G |
|                              |   |                             |  |        | ENG             | 7  | G |
|                              |   |                             |  |        | PLUMBIN @7      | 7  | G |
|                              |   |                             |  |        | ROOFING         | 7  | G |
|                              |   |                             |  |        | SHEETMETA@7     | 7  | G |
| TEC CONST@7                  | 7   | G                           |  |        |                 |    |   |
| TEC DRAFT                    | 7   | G                           |  |        |                 |    |   |
| ENG&TEC ED1                  | @2  |                             |  |        |                 |    |   |
| TROWEL TR                    | 7   | G                           |  |        |                 |    |   |
| 8722020                      | BLDG TR & CDT 2<br>Building Trades and Construction Design Technology 2/Level 2 | 9-12                        | /Y   | 1.0    | AC HEAT M@7     | 7  | G |
|                              |   |                             |  |        | BLDG CONS@7     | 7  | G |
|                              |   |                             |  |        | BLDG MAIN@7     | 7  | G |
|                              |   |                             |  |        | CARPENTRY@7     | 7  | G |
|                              |   |                             |  |        | DRAFTING @7     | 7  | G |
|                              |   |                             |  |        | ELECTRICA@7     | 7  | G |
|                              |   |                             |  |        | ENG             | 7  | G |
|                              |   |                             |  |        | PLUMBIN @7      | 7  | G |
|                              |   |                             |  |        | ROOFING         | 7  | G |
|                              |   |                             |  |        | SHEETMETA@7     | 7  | G |
| TEC CONST@7                  | 7   | G                           |  |        |                 |    |   |
| TEC DRAFT                    | 7   | G                           |  |        |                 |    |   |
| ENG&TEC ED1                  | @2  |                             |  |        |                 |    |   |
| TROWEL TR                    | 7   | G                           |  |        |                 |    |   |

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|------------------------------|---|-----------------------------|--|--------|-----------------|--------------|---------------|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA |               |
| 8722030                      | BLDG TR & CDT 3<br>Building Trades and Construction Design Technology 3/Level 3 | 9-12                        | /Y PA                                      | 1.0    | AC HEAT M@7     | 7            | G             |
|                              |   |                             |  |        | BLDG CONS@7     | 7            | G             |
|                              |   |                             |  |        | BLDG MAIN@7     | 7            | G             |
|                              |   |                             |  |        | CARPENTRY@7     | 7            | G             |
|                              |   |                             |  |        | DRAFTING @7     | 7            | G             |
|                              |   |                             |  |        | ELECTRICA@7     | 7            | G             |
|                              |   |                             |  |        | ENG             | 7            | G             |
|                              |   |                             |  |        | PLUMBIN @7      | 7            | G             |
|                              |   |                             |  |        | ROOFING         | 7            | G             |
|                              |   |                             |  |        | SHEETMETA@7     | 7            | G             |
|                              |   |                             |  |        | TEC CONST@7     | 7            | G             |
|                              |   |                             |  |        | TEC DRAFT       | 7            | G             |
|                              |   |                             |  |        | ENG&TEC ED1     | @2           |               |
|                              |   |                             |  |        | TROWEL TR       | 7            | G             |
| 8722040                      | BLDG TR & CDT 4<br>Building Trades and Construction Design Technology 4/Level 2 | 9-12                        | /Y   | 1.0    | AC HEAT M@7     | 7            | G             |
|                              |   |                             |  |        | BLDG CONS@7     | 7            | G             |
|                              |   |                             |  |        | BLDG MAIN@7     | 7            | G             |
|                              |   |                             |  |        | CARPENTRY@7     | 7            | G             |
|                              |   |                             |  |        | DRAFTING @7     | 7            | G             |
|                              |   |                             |  |        | ELECTRICA@7     | 7            | G             |
|                              |   |                             |  |        | ENG             | 7            | G             |
|                              |   |                             |  |        | PLUMBIN @7      | 7            | G             |
|                              |   |                             |  |        | ROOFING         | 7            | G             |
|                              |   |                             |  |        | SHEETMETA@7     | 7            | G             |
|                              |   |                             |  |        | TEC CONST@7     | 7            | G             |
|                              |   |                             |  |        | TEC DRAFT       | 7            | G             |
|                              |   |                             |  |        | ENG&TEC ED1     | @2           |               |
|                              |   |                             |  |        | TROWEL TR       | 7            | G             |
| 8722050                      | BLDG TR & CDT 5<br>Building Trades and Construction Design Technology 5/Level 2 | 9-12                        | /Y   | 1.0    | AC HEAT M@7     | 7            | G             |
|                              |   |                             |  |        | BLDG CONS@7     | 7            | G             |
|                              |   |                             |  |        | BLDG MAIN@7     | 7            | G             |
|                              |   |                             |  |        | CARPENTRY@7     | 7            | G             |
|                              |   |                             |  |        | DRAFTING @7     | 7            | G             |
|                              |   |                             |  |        | ELECTRICA@7     | 7            | G             |
|                              |   |                             |  |        | ENG             | 7            | G             |
|                              |   |                             |  |        | PLUMBIN @7      | 7            | G             |
|                              |   |                             |  |        | ROOFING         | 7            | G             |
|                              |   |                             |  |        | SHEETMETA@7     | 7            | G             |
|                              |   |                             |  |        | TEC CONST@7     | 7            | G             |
|                              |   |                             |  |        | TEC DRAFT       | 7            | G             |
|                              |   |                             |  |        | ENG&TEC ED1     | @2           |               |
|                              |   |                             |  |        | TROWEL TR       | 7            | G             |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                        | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |             |    |   |
|------------------------------|---|-----------------------------|---|--------|---------------|-------------|----|---|
|                              |   |                             |   |        |               |             |    |   |
| 8722060                      | BLDG TR & CDT 6<br>Building Trades and Construction Design Technology 6/Level 3 | 9-12                        | /Y PA   | 1.0    |               | AC HEAT M@7 | 7  | G |
|                              |   |                             |   |        |               | BLDG CONS@7 | 7  | G |
|                              |   |                             |   |        |               | BLDG MAIN@7 | 7  | G |
|                              |   |                             |   |        |               | CARPENTRY@7 | 7  | G |
|                              |   |                             |   |        |               | DRAFTING @7 | 7  | G |
|                              |   |                             |   |        |               | ELECTRICA@7 | 7  | G |
|                              |   |                             |   |        |               | ENG         | 7  | G |
|                              |   |                             |   |        |               | PLUMBIN @7  | 7  | G |
|                              |   |                             |   |        |               | ROOFING     | 7  | G |
|                              |   |                             |   |        |               | SHEETMETA@7 | 7  | G |
|                              |   |                             |   |        |               | TEC CONST@7 | 7  | G |
|                              |   |                             |   |        |               | TEC DRAFT   | 7  | G |
|                              |   |                             |   |        |               | ENG&TEC ED1 | @2 |   |
|                              |   |                             |   |        |               | TROWEL TR   | 7  | G |
| C100100                      | BLDG TR & CONST DSN<br>Building Trades and Construction Design Technology       | 30, 31                      | /   |        |               |             |    |   |
| BCV0080                      | BLDG CONSTR ASST<br>Building Construction Assistant                             | 30, 31                      | /Y PA   | 3.0    |               | AC HEAT M@7 | 7  | G |
|                              |   |                             |   |        |               | BLDG CONS@7 | 7  | G |
|                              |   |                             |   |        |               | BLDG MAIN@7 | 7  | G |
|                              |   |                             |   |        |               | CARPENTRY@7 | 7  | G |
|                              |   |                             |   |        |               | DRAFTING @7 | 7  | G |
|                              |   |                             |   |        |               | ELECTRICA@7 | 7  | G |
|                              |   |                             |   |        |               | ENG         | 7  | G |
|                              |   |                             |   |        |               | PLUMBIN @7  | 7  | G |
|                              |   |                             |   |        |               | ROOFING     | 7  | G |
|                              |   |                             |   |        |               | SHEETMETA@7 | 7  | G |
|                              |   |                             |   |        |               | TEC CONST@7 | 7  | G |
|                              |   |                             |   |        |               | TEC DRAFT   | 7  | G |
|                              |   |                             |   |        |               | ENG&TEC ED1 | @2 |   |
|                              |   |                             |   |        |               | TROWEL TR   | 7  | G |
| BCV0081                      | CARP & MASONRY TECH<br>Carpentry and Masonry Technician                         | 30, 31                      | /Y  | 1.0    |               | AC HEAT M@7 | 7  | G |
|                              |   |                             |   |        |               | BLDG CONS@7 | 7  | G |
|                              |   |                             |   |        |               | BLDG MAIN@7 | 7  | G |
|                              |   |                             |   |        |               | CARPENTRY@7 | 7  | G |
|                              |   |                             |   |        |               | DRAFTING @7 | 7  | G |
|                              |   |                             |   |        |               | ELECTRICA@7 | 7  | G |
|                              |   |                             |   |        |               | ENG         | 7  | G |
|                              |   |                             |   |        |               | PLUMBIN @7  | 7  | G |
|                              |   |                             |   |        |               | ROOFING     | 7  | G |
|                              |   |                             |   |        |               | SHEETMETA@7 | 7  | G |
|                              |   |                             |   |        |               | TEC CONST@7 | 7  | G |
|                              |   |                             |   |        |               | TEC DRAFT   | 7  | G |
|                              |   |                             |   |        |               | ENG&TEC ED1 | @2 |   |
|                              |   |                             |   |        |               | TROWEL TR   | 7  | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |    |   |
|------------------------------|--|-----------------------------|--|--------|-----------------|----|---|
|                              |  |                             |  |        | CERTIFICATION   |    |   |
| BCV0082                      | ELEC & PLUMBING TECH<br>Electrical and Plumbing Technician | 30, 31                      | /Y   | 1.0    | AC HEAT M@7     | 7  | G |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G |
|                              |  |                             |  |        | BLDG MAIN@7     | 7  | G |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G |
|                              |  |                             |  |        | DRAFTING @7     | 7  | G |
|                              |  |                             |  |        | ELECTRICA@7     | 7  | G |
|                              |  |                             |  |        | ENG             | 7  | G |
|                              |  |                             |  |        | PLUMBIN @7      | 7  | G |
|                              |  |                             |  |        | ROOFING         | 7  | G |
|                              |  |                             |  |        | SHEETMETA@7     | 7  | G |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G |
|                              |  |                             |  |        | TEC DRAFT       | 7  | G |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |
|                              |  |                             |  |        | TROWEL TR       | 7  | G |
| BCV0083                      | BLDG MAINTENANCE TEC<br>Building Maintenance Technician    | 30, 31                      | /Y PA                                      | 1.0    | AC HEAT M@7     | 7  | G |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G |
|                              |  |                             |  |        | BLDG MAIN@7     | 7  | G |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G |
|                              |  |                             |  |        | DRAFTING @7     | 7  | G |
|                              |  |                             |  |        | ELECTRICA@7     | 7  | G |
|                              |  |                             |  |        | ENG             | 7  | G |
|                              |  |                             |  |        | PLUMBIN @7      | 7  | G |
|                              |  |                             |  |        | ROOFING         | 7  | G |
|                              |  |                             |  |        | SHEETMETA@7     | 7  | G |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G |
|                              |  |                             |  |        | TEC DRAFT       | 7  | G |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |
|                              |  |                             |  |        | TROWEL TR       | 7  | G |
| 8104400                      | CABINETMAKING<br>Cabinetmaking                             | 9-12                        | /  |        |                 |    |   |
| 8104410                      | CABINETMAKING 1<br>Cabinetmaking 1/Level 2                 | 9-12                        | /Y   | 1.0    | BLDG CONS@7     | 7  | G |
|                              |  |                             |  |        | CAB WOODW@7     | 7  | G |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G |
| 8104420                      | CABINETMAKING 2<br>Cabinetmaking 2/Level 2                 | 9-12                        | /Y PA                                      | 1.0    | TEC CONST@7     | 7  | G |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G |
|                              |  |                             |  |        | CAB WOODW@7     | 7  | G |
| 8104430                      | CABINETMAKING 3<br>Cabinetmaking 3/Level 3                 | 9-12                        | /Y   | 1.0    | CARPENTRY@7     | 7  | G |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G |
|                              |  |                             |  |        | BLDG CONS@7     | 7  | G |
| 8720140                      | CABINETMAKING 4<br>Cabinetmaking 4/Level 2                 | 9-12                        | /Y   | 1.0    | CAB WOODW@7     | 7  | G |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G |
| 8720150                      | CABINETMAKING 5<br>Cabinetmaking 5/Level 2                 | 9-12                        | /Y   | 1.0    | BLDG CONS@7     | 7  | G |
|                              |  |                             |  |        | CAB WOODW@7     | 7  | G |
|                              |  |                             |  |        | CARPENTRY@7     | 7  | G |
|                              |  |                             |  |        | TEC CONST@7     | 7  | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|---|--------|--|
|                              |  |                             |   |        |  |
| C410400                      | CABINETMAKING<br>Cabinetmaking                           | 30, 31                      | /   |        |  |
| BCV0200                      | CABINETMAKER HELPER<br>Cabinetmaker Helper               | 30, 31                      | /Y  | 2.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| BCV0235                      | CABINET FINISHER<br>Cabinet Finisher                     | 30, 31                      | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| BCV0240                      | CABINET ASSEMBLER<br>Cabinet Assembler                   | 30, 31                      | /Y  | 2.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| BCV0243                      | CABINETMAKER<br>Cabinetmaker                             | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| 8104300                      | CARPENTRY<br>Carpentry                                   | 9-12                        | /   |        |  |
| 8104310                      | CARPENTRY FUNDS<br>Carpentry Fundamentals/Level 2        | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| 8104320                      | CARPENTRY LAYOUT<br>Carpentry Layout/Level 2             | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| 8104330                      | CARPENTRY FRAMING<br>Carpentry Framing/Level 3           | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| 8104340                      | CARPENTRY EXTERIOR<br>Carpentry Exterior/Level 3         | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| 8104350                      | CARPENTRY FINISH<br>Carpentry Finish/Level 3             | 9-12                        | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| C510300                      | CARPENTRY<br>Carpentry                                   | 30, 31                      | /   |        |  |
| BCV0112                      | INTRO TO CARPENTRY<br>Introduction to Carpentry          | 30, 31                      | /Y  | 1.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| BCV0122                      | ROUGH FRAME CARP<br>Rough Framing Carpentry              | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>CAB WOODW@7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |    |   |
|------------------------------|--|-----------------------------|---|--------|---------------|----|---|
|                              |  |                             |   |        |               |    |   |
| BCV0125                      | FINISH TRIM CARP<br>Finish Trim Carpentry                | 30, 31                      | /Y  | 3.0    | BLDG CONS@7   | 7  | G |
|                              |  |                             |   |        | CAB WOODW@7   | 7  | G |
|                              |  |                             |   |        | CARPENTRY@7   | 7  | G |
|                              |  |                             |   |        | TEC CONST@7   | 7  | G |
| BCV0123                      | FOUND/Form CARP<br>Foundation and Form Carpentry         | 30, 31                      | /Y  | 1.0    | BLDG CONS@7   | 7  | G |
|                              |  |                             |   |        | CAB WOODW@7   | 7  | G |
|                              |  |                             |   |        | CARPENTRY@7   | 7  | G |
|                              |  |                             |   |        | TEC CONST@7   | 7  | G |
| I460314                      | ELECTRICIAN<br>Electrician                               | 30, 31                      | /   |        |               |    |   |
| BCV0603                      | ELECTRICIAN HELPER<br>Electrician Helper                 | 30, 31                      | /Y  | 2.0    | ELECTRICA@7   | 7  | G |
|                              |  |                             |   |        | IND ENGR      | 7  | G |
|                              |  |                             |   |        | ENG&TEC ED1   | @2 |   |
| BCV0640                      | RES ELECTRICIAN<br>Residential Electrician               | 30, 31                      | /Y  | 3.0    | ELECTRICA@7   | 7  | G |
| BCV0652                      | COMM ELECTRICIAN<br>Commercial Electrician               | 30, 31                      | /Y  | 3.0    | ELECTRICA@7   | 7  | G |
| BCV0667                      | INDUST ELECTRICIAN<br>Industrial Electrician             | 30, 31                      | /Y  | 2.0    | ELECTRICA@7   | 7  | G |
| 8727200                      | ELECTRICITY<br>Electricity                               | 9-12                        | /   |        |               |    |   |
| 8727210                      | ELECTRICITY 1<br>Electricity 1/Level 2                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
|                              |  |                             |   |        | IND ENGR      | 7  | G |
|                              |  |                             |   |        | ENG&TEC ED1   | @2 |   |
| 8727220                      | ELECTRICITY 2<br>Electricity 2/Level 2                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
|                              |  |                             |   |        | IND ENGR      | 7  | G |
|                              |  |                             |   |        | ENG&TEC ED1   | @2 |   |
| 8727230                      | ELECTRICITY 3<br>Electricity 3/Level 3                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
| 8727240                      | ELECTRICITY 4<br>Electricity 4/Level 3                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
| 8727250                      | ELECTRICITY 5<br>Electricity 5/Level 3                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
| 8727260                      | ELECTRICITY 6<br>Electricity 6/Level 3                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
| 8727270                      | ELECTRICITY 7<br>Electricity 7/Level 3                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
| 8727280                      | ELECTRICITY 8<br>Electricity 8/Level 3                   | 9-12                        | /Y  | 1.0    | ELECTRICA@7   | 7  | G |
| I460312                      | ELECTRICITY<br>Electricity                               | 30, 31                      | /   |        |               |    |   |
| BCV0603                      | ELECTRICIAN HELPER<br>Electrician Helper                 | 30, 31                      | /Y  | 2.0    | ELECTRICA@7   | 7  | G |
|                              |  |                             |   |        | IND ENGR      | 7  | G |
|                              |  |                             |   |        | ENG&TEC ED1   | @2 |   |
| BCV0640                      | RES ELECTRICIAN<br>Residential Electrician               | 30, 31                      | /Y  | 3.0    | ELECTRICA@7   | 7  | G |
| BCV0652                      | COMM ELECTRICIAN<br>Commercial Electrician               | 30, 31                      | /Y  | 3.0    | ELECTRICA@7   | 7  | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                          | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |     |
|------------------------------|---|-----------------------------|---|--------|---------------|-----|
|                              |   |                             |   |        |               |     |
| <sup>a</sup> C400400         | HVAC/R<br>Heating, Ventilation, Air-Conditioning<br>/Refrigeration (HVAC/R)       | 30, 31                      | /   |        |               |     |
| <sup>a</sup> ACR0000         | INTRO TO HVAC/R<br>Introduction to HVAC/R   | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0001         | HVAC/R FUNDAMENTALS<br>HVAC/R Fundamentals  | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0012         | HVAC/R SRV PRACTICES<br>HVAC/R Service Practices                                  | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0013         | HVAC/R INT SERVICES<br>HVAC/R Intermediate Service Practices                      | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0044         | HVAC/R ADV SRV<br>HVAC/R Advanced Service Practices                               | 30, 31                      | /Y  | 2.0    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0045         | HVAC/R ADV COMM<br>HVAC/R Advanced Commercial and<br>Industrial Service Practices | 30, 31                      | /Y  | 2.0    | AC HEAT M@7   | 7 G |
| <sup>a</sup> C400410         | HVAC/R 1<br>Heating, Ventilation, Air-Conditioning<br>/Refrigeration (HVAC/R) 1   | 30, 31                      | /   |        |               |     |
| <sup>a</sup> ACR0000         | INTRO TO HVAC/R<br>Introduction to HVAC/R   | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0001         | HVAC/R FUNDAMENTALS<br>HVAC/R Fundamentals  | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0012         | HVAC/R SRV PRACTICES<br>HVAC/R Service Practices                                  | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> C400420         | HVAC/R 2<br>Heating, Ventilation, Air-Conditioning<br>/Refrigeration (HVAC/R) 2   | 30, 31                      | /   |        |               |     |
| <sup>a</sup> ACR0013         | HVAC/R INT SERVICES<br>HVAC/R Intermediate Service Practices                      | 30, 31                      | /Y  | 1.5    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0044         | HVAC/R ADV SRV<br>HVAC/R Advanced Service Practices                               | 30, 31                      | /Y  | 2.0    | AC HEAT M@7   | 7 G |
| <sup>a</sup> ACR0045         | HVAC/R ADV COMM<br>HVAC/R Advanced Commercial and<br>Industrial Service Practices | 30, 31                      | /Y  | 2.0    | AC HEAT M@7   | 7 G |
| 8721500                      | PAINT & DECORATING<br>Painting and Decorating                                     | 9-12                        | /   |        |               |     |
| 8721510                      | PAINTING 1<br>Painting 1/Level 2  | 9-12                        | /Y  | 1.0    | BLDG CONS@7   | @G  |
| 8721520                      | PAINTING 2<br>Painting 2/Level 2  | 9-12                        | /Y  | 1.0    | BLDG CONS@7   | @G  |
| 8721530                      | PAINT & DECORATING 3<br>Painting & Decorating 3/Level 2                           | 9-12                        | /Y  | 1.0    | BLDG CONS@7   | @G  |
| 8721540                      | PAINT & DECORATING 4<br>Painting & Decorating 4/Level 2                           | 9-12                        | /Y  | 1.0    | BLDG CONS@7   | @G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER  | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                             | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  |
|-------------------------------|--|-----------------------------|---|----------|--|
|                               |  |                             |   |          |  |
| 8105500                       | PLUMBING<br>Plumbing   | 9-12                        | /   |          |  |
| 8721610                       | PLUMBING TECH 1<br>Plumbing Technology 1/Level 2                                     | 9-12                        | /Y  | 1.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| 8721620                       | PLUMBING TECH 2<br>Plumbing Technology 2/Level 2                                     | 9-12                        | /Y  | 1.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| 8721630                       | PLUMBING TECH 3<br>Plumbing Technology 3/Level 2                                     | 9-12                        | /Y  | 1.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| 8721640                       | PLUMBING TECH 4<br>Plumbing Technology 4/Level 2                                     | 9-12                        | /Y  | 1.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| C500500                       | PLUMBING<br>Plumbing   | 30, 31                      | /   |          |  |
| BCV0508                       | HLP, PLUMB, PIPEFIT<br>Helper, Plumber, Pipefitter                                   | 30, 31                      | /Y  | 2.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| BCV0540                       | RESIDENTIAL PLUMBER<br>Residential Plumber   | 30, 31                      | /Y  | 2.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| BCV0562                       | COMMERCIAL PLUMBER<br>Commercial Plumber   | 30, 31                      | /Y  | 2.0      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| BCV0596                       | PLUMBING APPS<br>Plumbing Applications   | 30, 31                      | /Y  | 1.5      | BLDG CONS@7 7 G<br>PLUMBIN @7 7 G<br>TEC CONST@7 7 G |
| MAINTENANCE/OPERATIONS (ACPC) |  |                             |   |          |  |
| -----                         |  |                             |   |          |  |
| <sup>a</sup> C700100          | ELECT SYS INT & AUTO<br>Electronics Systems Integration and<br>Automation            | 30, 31                      | /   |          |  |
| <sup>a</sup> EEV0240          | ELECT SYSTEM TECH<br>Electronics System Technician                                   | 30, 31                      | /Y  | 2.0      | INFO TECH 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G       |
| <sup>a</sup> EEV0241          | RES ELECT SYS TECH<br>Residential Electronic Systems<br>Technician                   | 30, 31                      | /Y  | 2.0      | INFO TECH 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G       |
| <sup>a</sup> EEV0242          | COMM ELECT SYS TECH<br>Commercial Electronic Systems<br>Technician                   | 30, 31                      | /Y  | 1.0      | INFO TECH 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G       |
| SUPPLEMENTAL PROGRAMS         |  |                             |   |          |  |
| -----                         |  |                             |   |          |  |
| 8700400                       | ARCH & CONSTRC - OJT<br>Architecture and Construction<br>Cooperative Education - OJT | 9-12                        | /M  | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |



| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  |
|------------------------------|--|-----------------------------|--|----------|--|
|                              |  |                             |  |          |  |
| 8700100                      | ARCH & CONST DS<br>Architecture and Construction<br>Education Directed Study                 | 11-12                       | /M   | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8130300                      | FUND OF ARCH & CONST<br>Fundamentals of Architecture and<br>Construction                     | 6-8                         | /S   |          | BLDG CONST @7 7 G<br>DRAFTING @7 7 G<br>BLDG MAINT @7 7 G<br>ENG&TEC ED 1 @2 |
| 8109350                      | INTRO ARCH & CONST<br>Introduction to Architecture and<br>Construction                       | 6-8                         | /S   |          | BLDG CONST @7 7 G<br>DRAFTING @7 7 G<br>BLDG MAINT @7 7 G<br>ENG&TEC ED 1 @2 |
| 8109360                      | INTRO ARCH & CONS/CP<br>Introduction to Architecture and<br>Construction and Career Planning | 6-8                         | /S   |          | BLDG CONST @7 7 G<br>DRAFTING @7 7 G<br>BLDG MAINT @7 7 G<br>ENG&TEC ED 1 @2 |

## APPRENTICESHIP PROGRAMS

|         |   |        |   |  |  |
|---------|---|--------|---|--|--|
| I47021R | AIR COND, REF, HT-APPR<br>Air Conditioning, Refrigeration and<br>Heating Technology- Apprenticeship | 30, 31 | / |  |  |
| I46311R | BRK & BLK MAS - APPR<br>Brick and Block Masonry -<br>Apprenticeship                                 | 30, 31 | / |  |  |
| I46312R | BRK & TILE MASON-APPR<br>Brick and Tile Masonry -<br>Apprenticeship                                 | 30, 31 | / |  |  |
| I46040R | BLDG CONST TECH-APPR<br>Building Construction Technologies<br>- Apprenticeship                      | 30, 31 | / |  |  |
| I46020R | CARPENTRY - APPR<br>Carpentry - Apprenticeship  | 30, 31 | / |  |  |
| I46042R | CMCL&INDUSINSUL-APPR<br>Commercial and Industrial Insulation<br>- Apprenticeship                    | 30, 31 | / |  |  |
| C10020R | DRAFTING APPR<br>Drafting Apprenticeship  | 30, 31 | / |  |  |
| I46032R | ELECTRICIAN - APPR<br>Electrician - Apprenticeship  | 30, 31 | / |  |  |
| C60010R | ELEV CONST MECH-APPR<br>Elevator Constructor Mechanic -<br>Apprenticeship                           | 30, 31 | / |  |  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                    | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |  | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|---------------------------------|--|--------|---------------|
|                              |   |                             | GRADUATION<br>REQUIREMENTS      |  |        |               |
| I46051R                      | FIRE SPRI SYSS- APPR<br>Fire Sprinkler System Technology-<br>Apprenticeship | 30, 31                      | /                               |  |        |               |
| I15050R                      | GEODETIC COMP - APPR<br>Geodetic Computator - Apprenticeship                | 30, 31                      | /                               |  |        |               |
| I46041R                      | GLAZING - APPR<br>Glazing - Apprenticeship                                  | 30, 31                      | /                               |  |        |               |
| I46053R                      | INDUS PIPEFIT- APPR<br>Industrial Pipefitter -<br>Apprenticeship            | 30, 31                      | /                               |  |        |               |
| I46031R                      | Line Erector- APPR<br>Line Erector - Apprenticeship                         | 30, 31                      | /                               |  |        |               |
| I46043R                      | PAINT & DEC - APPR<br>Painting and Decorating -<br>Apprenticeship           | 30, 31                      | /                               |  |        |               |
| I46044R                      | PLASTERING - APPR<br>Plastering - Apprenticeship                            | 30, 31                      | /                               |  |        |               |
| I46052R                      | PLUMBING TECH- APPR<br>Plumbing Technology - Apprenticeship                 | 30, 31                      | /                               |  |        |               |
| I47020R                      | REFG TECH - APPR<br>Refrigeration Technology -<br>Apprenticeship            | 30, 31                      | /                               |  |        |               |
| I46049R                      | ROADWAY TECH- APPR<br>Roadway Technician- Apprenticeship                    | 30, 31                      | /                               |  |        |               |
| I46045R                      | ROOFING - APPR<br>Roofing - Apprenticeship                                  | 30, 31                      | /                               |  |        |               |
| I48051R                      | STRUCT ST WK- APPR<br>Structural Steel Worker -<br>Apprenticeship           | 30, 31                      | /                               |  |        |               |
| I15020R                      | SUR & MAP TECH APPR<br>Surveying and Mapping Technology -<br>Apprenticeship | 30, 31                      | /                               |  |        |               |
| I46993R                      | SWIM POOL MAINT- APPR<br>Swimming Pool Maintenance -<br>Apprenticeship      | 30, 31                      | /                               |  |        |               |
| I46010R                      | TILE SETTING - APPR<br>Tile Setting - Apprenticeship                        | 30, 31                      | /                               |  |        |               |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |  | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---------------------------------|--|--------|---------------|
|                              |  |                             | GRADUATION<br>REQUIREMENTS      |  |        |               |
| 8799990                      | INDUS ED TRAN<br>Industrial Education Transfer           | 9-12                        | /                               |  | NA     |               |
| I000000                      | INDUS ED TRANSFER<br>Industrial Education Transfer       | 30, 31                      | /                               |  | NA     |               |

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 |ARTS, A/V TECHNOLOGY & COMMUNICATION CAREER CLUSTER|  
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 AUDIO/VIDEO TECHNOLOGY & FILM CAREER PATH (ARPA)  
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|         |  |        |    |    |     |   |
|---------|--|--------|----|----|-----|---|
| 8772300 | DIGITAL AUDIO PROD<br>Digital Audio Production             | 9-12   | /  |    |     |   |
| 8772310 | DIGITAL AUDIO PROD 1<br>Digital Audio Production 1/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| 8772320 | DIGITAL AUDIO PROD 2<br>Digital Audio Production 2/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| 8772330 | DIGITAL AUDIO PROD 3<br>Digital Audio Production 3/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| 8772340 | DIGITAL AUDIO PROD 4<br>Digital Audio Production 4/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| 8772350 | DIGITAL AUDIO PROD 5<br>Digital Audio Production 5/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| 8772360 | DIGITAL AUDIO PROD 6<br>Digital Audio Production 6/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| 8772370 | DIGITAL AUDIO PROD 7<br>Digital Audio Production 7/Level 2 | 9-12   | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| I100230 | DIGITAL AUDIO PROD<br>Digital Audio Production             | 30, 31 | /  |    |     |   |
| RTT0522 | BROADCAST ANNOUNCER<br>Broadcast Announcer                 | 30, 31 | /Y | PA | 1.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| RTT0523 | AUDIO EQUIPMENT TECH<br>Audio Equipment Technician         | 30, 31 | /Y | PA | 2.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| RTT0524 | SOUND ENGINEER TECH<br>Sound Engineering Technician        | 30, 31 | /Y | PA | 2.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |
| RTT0527 | AUDIO BROADCAST TECH<br>Audio Broadcast Technician         | 30, 31 | /Y | PA | 2.0 | TEC ELEC ¶7 ¶G<br>ENG&TEC ED1 @2<br>TV PRO TE@7 7 G |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                       | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |               |   |
|------------------------------|--|-----------------------------|--|--------|-----------------|---------------|---|
|                              |  |                             |  |        | CERTIFICATION   |               |   |
| 8201700                      | DIGITAL CINEMA PROD<br>Digital Cinema Production                               | 9-12                        | /  |        |                 |               |   |
| 8201010                      | DIG CINEMA PROD 1<br>Digital Cinema Production 1/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201020                      | DIG CINEMA PROD 2<br>Digital Cinema Production 2/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201030                      | DIG CINEMA PROD 3<br>Digital Cinema Production 3/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201040                      | DIG CINEMA PROD 4<br>Digital Cinema Production 4/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201050                      | DIG CINEMA PROD 5<br>Digital Cinema Production 5/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201000                      | DIGITAL CINEMA PROD<br>Digital Cinema Production                               | 9-12                        | /  |        |                 |               |   |
| 8201010                      | DIG CINEMA PROD 1<br>Digital Cinema Production 1/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201020                      | DIG CINEMA PROD 2<br>Digital Cinema Production 2/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201030                      | DIG CINEMA PROD 3<br>Digital Cinema Production 3/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201040                      | DIG CINEMA PROD 4<br>Digital Cinema Production 4/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| 8201050                      | DIG CINEMA PROD 5<br>Digital Cinema Production 5/Level 2                       | 9-12                        | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| K100100                      | DIGITAL CINEMA PROD<br>Digital Cinema Production                               | 30, 31                      | /  |        |                 |               |   |
| FIL0085                      | VIDEO PROD MGR<br>Video Production Manager                                     | 30, 31                      | /Y   | 2.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| FIL0086                      | GRIP & LIGHT TECH<br>Grip and Lighting Technician                              | 30, 31                      | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| FIL0087                      | MP PROJ/DIG CINEMA<br>Motion Picture Projectionists/Digital<br>Cinematographer | 30, 31                      | /Y   | 2.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| FIL0088                      | DIG VIDEO EDITOR<br>Digital Video Editor                                       | 30, 31                      | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |
| FIL0089                      | VISUAL EFFECTS ART<br>Visual Effects Artist                                    | 30, 31                      | /Y   | 1.0    | ENG&TEC ED1 @2  | TV PRO TE@7 7 | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |      |
|------------------------------|--|-----------------------------|---|--------|---|-----------------|------|
|                              |  |                             |   |        |   | COURSE LEVEL    | AREA |
| 8201600                      | DIG MEDIA/MM DESIGN<br>Digital Media/Multimedia Design                     | 9-12                        | /   |        |   |                 |      |
| 8201210                      | DIG MEDIA/MM FOUND 1<br>Digital Media/Multimedia Foundations<br>1/Level 2  | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |      |
| 8201220                      | DIG MEDIA/MM FOUND 2<br>Digital Media/Multimedia Foundations<br>2/Level 2  | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |      |
| 8201230                      | DIG MEDIA/MM FOUND 3<br>Digital Media/Multimedia Foundations<br>3/Level 3  | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |      |
| 8201610                      | DIG MEDIA/MM WEBPROD<br>Digital Media/Multimedia Web<br>Production/Level 3 | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |      |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                               | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |              |
|------------------------------|--|-----------------------------|--|--------|---|-----------------|--------------|
|                              |  |                             |  |        |   | COURSE LEVEL    | REQUIREMENTS |
| 8201620                      | DIG MEDIA/MM MG PROD<br>Digital Media/Multimedia Motion<br>Graphics Production/Level 3 | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |              |
| K100200                      | DIG MEDIA/MM DESIGN<br>Digital Media/Multimedia Design                                 | 30, 31                      | /  |        |   |                 |              |
| DIG0081                      | THEORY & FOUND DSN<br>Theory and Foundations of Design                                 | 30, 31                      | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |              |
| DIG0082                      | MM DIGITAL/PRINT DSN<br>Multimedia Digital/Print Designer                              | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |              |
| DIG0083                      | MM WEB INTERACTIVE<br>Multimedia Web Interactive Designer                              | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |              |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL         | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |  |
|------------------------------|--|-----------------------------|--|--------|---|-----------------|--|
|                              |  |                             |  |        |   |                 |  |
| DIG0084                      | MM PRODUCER DESIGN<br>Multimedia Integrated Producer<br>Designer | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7<br>TV PRO TE@7 7 G<br>VOE @7 |                 |  |
| 8201300                      | DIGITAL PHOTO TECH<br>Digital Photography Technology             | 9-12                        | /  |        |   |                 |  |
| 8201310                      | DIG PHOTOGRAPHY 1<br>Digital Photography 1/Level 2               | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G   |                 |  |
| 8201320                      | DIG PHOTOGRAPHY 2<br>Digital Photography 2/Level 2               | 9-12                        | /Y   | 1.0    | PHOTOG @7 7 G   |                 |  |
| 8201330                      | DIG PHOTOGRAPHY 3<br>Digital Photography 3/Level 2               | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G   |                 |  |
| 8201340                      | DIG PHOTOGRAPHY 4<br>Digital Photography 4/Level 2               | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G   |                 |  |
| 8201350                      | DIG PHOTOGRAPHY 5<br>Digital Photography 5/Level 2               | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G   |                 |  |
| 8201360                      | DIG PHOTOGRAPHY 6<br>Digital Photography 6/Level 2               | 9-12                        | /Y   | 1.0    | PHOTOG @7 7 G   |                 |  |
| 8201370                      | DIG PHOTOGRAPHY 7<br>Digital Photography 7/Level 2               | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G   |                 |  |
| K100300                      | DIGITAL PHOTO TECH<br>Digital Photography Technology             | 30, 31                      | /  |        |   |                 |  |
| PGY0190                      | PHOTOGRAPHIC SPEC<br>Photographic Specialist                     | 30, 31                      | /Y PA                                      | 1.0    | PHOTOG @7 7 G   |                 |  |
| PGY0191                      | PHOTOGRAPHY TECH<br>Photography Technician                       | 30, 31                      | /Y PA                                      | 2.0    | PHOTOG @7 7 G   |                 |  |
| PGY0192                      | STUDIO PHOTOGRAPHER<br>Studio Photographer                       | 30, 31                      | /Y PA                                      | 2.0    | PHOTOG @7 7 G   |                 |  |
| PGY0193                      | DIGITAL PHOTOGRAPHER<br>Digital Photographer                     | 30, 31                      | /Y PA                                      | 2.0    | PHOTOG @7 7 G   |                 |  |
| 8201400                      | DIGITAL VIDEO TECH<br>Digital Video Technology                   | 9-12                        | /  |        |   |                 |  |
| 8201410                      | DIGITAL VIDEO TECH 1<br>Digital Video Technology 1/Level 3       | 9-12                        | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G   |                 |  |
| 8201420                      | DIGITAL VIDEO TECH 2<br>Digital Video Technology 2/Level 3       | 9-12                        | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G   |                 |  |
| 8201430                      | DIGITAL VIDEO TECH 3<br>Digital Video Technology 3/Level 3       | 9-12                        | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G   |                 |  |
| 8201440                      | DIGITAL VIDEO TECH 4<br>Digital Video Technology 4/Level 3       | 9-12                        | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G   |                 |  |
| 8201450                      | DIGITAL VIDEO TECH 5<br>Digital Video Technology 5/Level 3       | 9-12                        | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G   |                 |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL       | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  | COURSES MEETING |              |
|------------------------------|--|-----------------------------|--|--------|--|-----------------|--------------|
|                              |  |                             |  |        |  | COURSES MEETING | SUBJECT AREA |
| 8201460                      | DIGITAL VIDEO TECH 6<br>Digital Video Technology 6/Level 3     | 9-12                        | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G  |                 |              |
| K100400                      | DIGITAL VIDEO TECH<br>Digital Video Technology                 | 30, 31                      | /  |        |  |                 |              |
| RTV0015                      | DIGITAL VIDEOGRAPHY<br>Digital Videography                     | 30, 31                      | /Y PA                                      | 3.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G  |                 |              |
| RTV0016                      | DIGITAL AV TECH<br>Digital Audio-Video Technology              | 30, 31                      | /Y PA                                      | 2.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G  |                 |              |
| RTV0017                      | DIGITAL VIDEO DIRECT<br>Digital Video Direction and Production | 30, 31                      | /Y PA                                      | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G  |                 |              |
| K200200                      | STAGE PRODUCTION<br>Stage Production                           | 30, 31                      | /  |        |  |                 |              |
| TPA0390                      | STAGE PROD ASST<br>Stage Production Assistant                  | 30, 31                      | /Y   | 1.0    | BLDG CONS@7 7 G<br>ELECTRICA@7 7 G<br>TEC CONST@7 7 G  |                 |              |
| TPA0391                      | STAGE PROD TECH<br>Stage Production Technician                 | 30, 31                      | /Y   | 1.0    | BLDG CONS@7 7 G<br>ELECTRICA@7 7 G<br>TEC CONST@7 7 G<br>ENG&TEC ED1 @2                              |                 |              |
| 8718100                      | 3-D ANIMATION TECH<br>3-D Animation Technology                 | 9-12                        | /  |        |  |                 |              |
| 8718110                      | 3-D ANIMATION TECH 1<br>3-D Animation Technology 1/Level 2     | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| 8718120                      | 3-D ANIMATION TECH 2<br>3-D Animation Technology 2/Level 2     | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| 8718130                      | 3-D ANIMATION TECH 3<br>3-D Animation Technology 3/Level 2     | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| 8718140                      | 3-D ANIMATION TECH 4<br>3-D Animation Technology 4/Level 2     | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                 | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  | COURSES MEETING |              |
|--|--|-----------------------------|--|--------|--|-----------------|--------------|
|  |  |                             |  |        |  | COURSES MEETING | SUBJECT AREA |
| 8718150                                      | 3-D ANIMATION TECH 5<br>3-D Animation Technology 5/Level 2 | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| 8718160                                      | 3-D ANIMATION TECH 6<br>3-D Animation Technology 6/Level 2 | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| 8718170                                      | 3-D ANIMATION TECH 7<br>3-D Animation Technology 7/Level 2 | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| I480200                                      | 3-D ANIMATION TECH<br>3-D Animation Technology             | 30, 31                      | /  |        |  |                 |              |
| DIG0060                                      | 3-D ANI PROD ASST<br>3-D Animation Production Assistant    | 30, 31                      | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| DIG0061                                      | MODELER<br>Modeler   | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| DIG0062                                      | TEXTURE ARTIST/RIG<br>Texture Artist/Rigger                | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| DIG0063                                      | ANI/MOTION CAP TECH<br>Animation/Motion Capture Technician | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TEC ELEC \$7 G<br>TV PRO TE@7 7 G |                 |              |
| JOURNALISM & BROADCASTING CAREER PATH (ARPB) |  |                             |  |        |  |                 |              |
| 8203000                                      | FDNS OF JOURNALISM<br>Foundations of Journalism/Level 2    | 9-12                        | /Y PA                                      | 1.0    | ENGLISH<br>MG ENG  | 1<br>C          | JOURNALISM 1 |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA | GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 | CERTIFICATION            |
|------------------------------|---|-----------------------------|-------------------------|----------------------------|--------|-----------------|-----------------|--------------------------|
|                              |   |                             |                         |                            |        | ENGLISH         | TECHNICAL       |                          |
| ^a8771100                    | a JOURNALISM  | 9-12                        | /                       |                            |        |                 |                 |                          |
| 1006300                      | Journalism<br>JOURN 1<br>Journalism 1                                     |                             | /Y                      | PA                         | 1.0    | ENGLISH 1       | JOURNALIS@1     |                          |
| 8771110                      | MEDIA PRODUCTION<br>Media Production/Level 2                              | 9-12                        | /Y                      | PA                         | 1.0    | MG ENG C        | TV PRO TE@7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | PHOTOG @7 7 G   |                          |
|                              |   |                             |                         |                            |        |                 | COMM ART @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | MG ENG SC       |                          |
|                              |   |                             |                         |                            |        |                 | BUS ED \$1      |                          |
| 8209510                      | DIGITAL DESIGN 1<br>Digital Design 1/Level 3                              | 9-12                        | /Y                      | PA                         | 1.0    | ENGLISH 1 @2 @4 | BUS ED 1 @2     |                          |
|                              |   |                             |                         |                            |        |                 | CLERICAL @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | COMM ART @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | COMPU SCI 6 @2  |                          |
|                              |   |                             |                         |                            |        |                 | MANAG SUPV7 G   |                          |
|                              |   |                             |                         |                            |        |                 | SECRETAR 7 G    |                          |
|                              |   |                             |                         |                            |        |                 | TC COOP E@7     |                          |
|                              |   |                             |                         |                            |        |                 | ELECT DP @7 R   |                          |
|                              |   |                             |                         |                            |        |                 | ENG&TEC ED1 @2  |                          |
| 9001110                      | FOUND OF WEB DESIGN<br>Foundations of Web Design/Level 3                  | 9-12                        | /Y                      | PA                         | 1.0    | BUS ED 1 @2     | VOE @7          |                          |
|                              |   |                             |                         |                            |        |                 | TC COOP E@7     |                          |
|                              |   |                             |                         |                            |        |                 | BUS DP @7 G     |                          |
|                              |   |                             |                         |                            |        |                 | ELECT DP @7 G   |                          |
|                              |   |                             |                         |                            |        |                 | CLERICAL @7 G   |                          |
|                              |   |                             |                         |                            |        |                 | SECRETAR @7 G   |                          |
|                              |   |                             |                         |                            |        |                 | TEC ELEC \$7 G  |                          |
|                              |   |                             |                         |                            |        |                 | COMPU SCI 6 @2  |                          |
|                              |   |                             |                         |                            |        |                 | COMM ART @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | WEB DEV 7 G     |                          |
| 8771101                      | JOURNAL MULTIMEDIA  | 9-12                        | /                       |                            |        |                 |                 |                          |
| 8771110                      | Journalism and Multimedia<br>MEDIA PRODUCTION<br>Media Production/Level 2 | 9-12                        | /Y                      | PA                         | 1.0    | TV PRO TE@7 7 G | PHOTOG @7 7 G   |                          |
|                              |   |                             |                         |                            |        |                 | COMM ART @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | MG ENG SC       |                          |
|                              |   |                             |                         |                            |        |                 | BUS ED \$1      |                          |
|                              |   |                             |                         |                            |        |                 | ENGLISH 1 @2 @4 |                          |
| 8209510                      | DIGITAL DESIGN 1<br>Digital Design 1/Level 3                              | 9-12                        | /Y                      | PA                         | 1.0    | BUS ED 1 @2     | CLERICAL @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | COMM ART @7 7 G |                          |
|                              |   |                             |                         |                            |        |                 | COMPU SCI 6 @2  |                          |
|                              |   |                             |                         |                            |        |                 | MANAG SUPV7 G   |                          |
|                              |   |                             |                         |                            |        |                 | SECRETAR 7 G    |                          |
|                              |   |                             |                         |                            |        |                 | TC COOP E@7     |                          |
|                              |   |                             |                         |                            |        |                 | ELECT DP @7 R   |                          |
|                              |   |                             |                         |                            |        |                 | ENG&TEC ED1 @2  |                          |
| 8203001                      | PHOTOJOURNALISM<br>Photojournalism/Level 2                                | 9-12                        | /Y                      | PA                         | 1.0    | ENGLISH 1       | PHOTOG 7 G      | JOURNALISM 1<br>BUS ED 1 |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER           | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL               | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |    | CREDIT | CERTIFICATION                                 |
|--|--|-----------------------------|---------------------------------|----|--------|---|
|  |  |                             | GRADUATION<br>REQUIREMENTS      |    |        |   |
| 8201500                                | TV PRODUCTION TECH<br>Television Production Technology                 | 9-12                        | /                               |    |        |   |
| 8201510                                | TV PRODUCTION TECH 1<br>Television Production Technology 1/<br>Level 2 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201520                                | TV PRODUCTION TECH 2<br>Television Production Technology 2/<br>Level 2 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201530                                | TV PRODUCTION TECH 3<br>Television Production Technology 3/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201540                                | TV PRODUCTION TECH 4<br>Television Production Technology 4/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201550                                | TV PRODUCTION TECH 5<br>Television Production Technology 5/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201560                                | TV PRODUCTION TECH 6<br>Television Production Technology 6/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201570                                | TV PRODUCTION TECH 7<br>Television Production Technology 7/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| 8201580                                | TV PRODUCTION TECH 8<br>Television Production Technology 8/<br>Level 3 | 9-12                        | /Y                              | PA | 1.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| K300300                                | TV PRODUCTION TECH<br>Television Production Technology                 | 30, 31                      | /                               |    |        |   |
| RTT0514                                | STUDIO ASSISTANT<br>Studio Assistant                                   | 30, 31                      | /Y                              | PA | 3.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| RTT0516                                | STUDIO TECHNICIAN<br>Studio Technician                                 | 30, 31                      | /Y                              | PA | 3.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| RTT0109                                | TV PRODUCTION OPS<br>Television Production Operations                  | 30, 31                      | /Y                              | PA | 2.0    | ENG&TEC ED1 @2<br>TV PRO TE@7 7 G<br>BUS ED 1 |
| PRINTING TECHNOLOGY CAREER PATH (ARPD) |  |                             |                                 |    |        |   |
| I480205                                | DIGITAL PRINT TECH<br>Digital Printing Technology                      | 30, 31                      | /                               |    |        |   |
| GRA0020                                | DIG PUBLISH ASST 1<br>Digital Publishing Assistant 1                   | 30, 31                      | /Y                              |    | 1.5    | PRINTING @7 7 G                               |
| GRA0021                                | DIG PUBLISH ASST 2<br>Digital Publishing Assistant 2                   | 30, 31                      | /Y                              |    | 1.5    | PRINTING @7 7 G                               |
| GRA0022                                | DESKTOP PUB SPEC 1<br>Desktop Publishing Specialist 1                  | 30, 31                      | /Y                              |    | 1.5    | PRINTING @7 7 G                               |
| GRA0023                                | DESKTOP PUB SPEC 2<br>Desktop Publishing Specialist 2                  | 30, 31                      | /Y                              |    | 1.5    | PRINTING @7 7 G                               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                            | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|---|---|-----------------------------|---|--------|--|
|   |   |                             |   |        |  |
| 8230100   | GRAPHIC COMM&PRINT<br>Graphic Communications and Printing<br>Technology   | 9-12                        | /   |        |  |
| 8230110   | INTRO TO PRINT TECH<br>Introduction to Printing Technology<br>/Level 2    | 9-12                        | /Y  | 1.0    | PRINTING @7 7 G  |
| 8230120   | BASIC OFFSET PRESS<br>Basic Offset Press Operations/Level 2               | 9-12                        | /Y  | 1.0    | PRINTING @7 7 G  |
| 8230130   | BASIC FIN & BINDERY<br>Basic Finishing and Bindery<br>Operations/Level 2  | 9-12                        | /Y  | 1.0    | PRINTING @7 7 G  |
| 8230140   | DIG PROD PRINT OPS<br>Digital Production Printing<br>Operations/Level 3   | 9-12                        | /Y PA   | 1.0    | PRINTING @7 7 G  |
| 8230150   | DIG IMAGING & TYPOG<br>Digital Imaging and Typography/<br>Level 3         | 9-12                        | /Y  | 1.0    | PRINTING @7 7 G  |
| 8230160   | PAGE LAYOUT & SCAN<br>Page Layout and Scanning Operations<br>/Level 3     | 9-12                        | /Y PA   | 1.0    | PRINTING @7 7 G  |
| K300100   | GRAPHIC COMM & PRINT<br>Graphic Communications and Printing<br>Technology | 30, 31                      | /   |        |  |
| GRA0041   | PRINT & GRAPH COMM<br>Printing and Graphic Communications                 | 30, 31                      | /Y PA   | 3.0    | PRINTING @7 7 G  |
| GRA0042   | DIGITAL PROD PRINT<br>Digital Production Printing                         | 30, 31                      | /Y PA   | 1.0    | PRINTING @7 7 G  |
| GRA0017   | DIGITAL PREPRESS OPS<br>Digital Prepress Operations                       | 30, 31                      | /Y PA   | 3.0    | PRINTING @7 7 G  |
| GRA0045   | OFFSET PRINTING TECH<br>Offset Printing Technology                        | 30, 31                      | /Y  | 3.0    | PRINTING @7 7 G  |
| GRA0046   | FIN & DIST PROCESSES<br>Finishing and Distribution Processes              | 30, 31                      | /Y  | 1.0    | PRINTING @7 7 G  |
| -----<br>TELECOMMUNICATIONS CAREER PATH (ARPE)<br>----- |   |                             |   |        |  |
| 8730200   | TELECOMM TECHNOLOGY<br>Telecommunications Technology                      | 9-12                        | /   |        |  |
| 8730210   | TELECOM TECHNOLOGY 1<br>Telecommunications Technology 1/<br>Level 2       | 9-12                        | /Y  | 1.0    | COMP SVC 7 G<br>ELECTRICA@7 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G |
| 8730220   | TELECOM TECHNOLOGY 2<br>Telecommunications Technology 2/<br>Level 2       | 9-12                        | /Y  | 1.0    | COMP SVC 7 G<br>ELECTRICA@7 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G |
| 8730230   | TELECOM TECHNOLOGY 3<br>Telecommunications Technology 3/<br>Level 2       | 9-12                        | /Y  | 1.0    | COMP SVC 7 G<br>ELECTRICA@7 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER   | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING  |  |  |
|--------------------------------|--|-----------------------------|--|--------|--|--|--|
|                                |  |                             |  |        | CERTIFICATION  |  |  |
| 8730240                        | TELECOM TECHNOLOGY 4<br>Telecommunications Technology 4/<br>Level 2  | 9-12                        | /Y   | 1.0    | COMP SVC 7 G<br>ELECTRICA@7 7 G<br>ELECTRONI@7 7 G<br>TELCOM 7 G |  |  |
| VISUAL ARTS CAREER PATH (ARPF) |  |                             |  |        |  |  |  |
| 8718000                        | COMMERCIAL ART TECH<br>Commercial Art Technology                     | 9-12                        | /  |        |  |  |  |
| 8718010                        | COMMERCIAL ART TEC 1<br>Commercial Art Technology 1/Level 2          | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718020                        | COMMERCIAL ART TEC 2<br>Commercial Art Technology 2/Level 2          | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718030                        | COMMERCIAL ART TEC 3<br>Commercial Art Technology 3/Level 2          | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718040                        | COMMERCIAL ART TEC 4<br>Commercial Art Technology 4/Level 2          | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718050                        | COMMERCIAL ART TEC 5<br>Commercial Art Technology 5/Level 2          | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718060                        | COMMERCIAL ART TEC 6<br>Commercial Art Technology 6/Level 2          | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718070                        | COMMERCIAL ART 7<br>Commercial Art Technology 7/Level 2              | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718080                        | COMMERCIAL ART 8<br>Commercial Art Technology 8/Level 2              | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718090                        | COMMERCIAL ART 9<br>Commercial Art Technology 9/Level 3              | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8718091                        | COMMERCIAL ART 10<br>Commercial Art Technology 10/Level 3            | 9-12                        | /Y PA                                      | 1.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| I480203                        | COMMERCIAL ART TECH<br>Commercial Art Technology                     | 30, 31                      | /  |        |  |  |  |
| GRA0036                        | GRAPHIC DESIGNER<br>Graphic Designer                                 | 30, 31                      | /Y PA                                      | 3.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| GRA0037                        | DIGITAL DESIGNER<br>Digital Designer                                 | 30, 31                      | /Y PA                                      | 3.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| GRA0038                        | PRINT MEDIA ARTIST<br>Print Media Artist                             | 30, 31                      | /Y PA                                      | 2.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| GRA0039                        | WEB DESIGNER<br>Web Designer   | 30, 31                      | /Y PA                                      | 2.0    | COMM ART @7 7 G<br>GRAPH COMM7 G                                 |  |  |
| 8772000                        | CMCL PHOTO TECH<br>Commercial Photography Technology                 | 9-12                        | /  |        |  |  |  |
| 8772010                        | CMCL PHOTO TECH 1<br>Commercial Photography Technology 1<br>/Level 2 | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G  |  |  |
| 8772020                        | CMCL PHOTO TECH 2<br>Commercial Photography Technology 2<br>/Level 2 | 9-12                        | /Y PA                                      | 1.0    | PHOTOG @7 7 G  |  |  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL               | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |     |
|------------------------------|--|-----------------------------|--|--------|---------------|-----------------|-----|
|                              |  |                             |  |        |               | TECH            | PA  |
| 8772030                      | CMCL PHOTO TECH 3<br>Commercial Photography Technology 3<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772040                      | CMCL PHOTO TECH 4<br>Commercial Photography Technology 4<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772050                      | CMCL PHOTO TECH 5<br>Commercial Photography Technology 5<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772060                      | CMCL PHOTO TECH 6<br>Commercial Photography Technology 6<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772070                      | CMCL PHOTO TECH 7<br>Commercial Photography Technology 7<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772080                      | CMCL PHOTO TECH 8<br>Commercial Photography Technology 8<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772090                      | CMCL PHOTO TECH 9<br>Commercial Photography Technology 9<br>/Level 2   | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772091                      | CMCL PHOTO TECH 10<br>Commercial Photography Technology 10<br>/Level 2 | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| 8772092                      | CMCL PHOTO TECH 11<br>Commercial Photography Technology 11<br>/Level 2 | 9-12                        | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| K610100                      | CMCL PHOTO TECH 1<br>Commercial Photography Technology 1               | 30, 31                      | /  |        |               |                 |     |
| PGY0180                      | PHOTO IMAGING SPEC 1<br>Photographic Imaging Specialist 1              | 30, 31                      | /Y PA                                      | 2.0    | PHOTOG        | @7              | 7 G |
| PGY0181                      | PHOTO IMAGING SPEC 2<br>Photographic Imaging Specialist 2              | 30, 31                      | /Y PA                                      | 2.0    | PHOTOG        | @7              | 7 G |
| PGY0182                      | PHOTO SPEC/LAB TECH<br>Photography Specialist/Lab Technician           | 30, 31                      | /Y PA                                      | 1.0    | PHOTOG        | @7              | 7 G |
| K610200                      | CMCL PHOTO TECH 2<br>Commercial Photography Technology 2               | 30, 31                      | /  |        |               |                 |     |
| PGY0183                      | PORTRAIT PHOTO 1<br>Portrait Photographer 1                            | 30, 31                      | /Y PA                                      | 1.5    | PHOTOG        | @7              | 7 G |
| PGY0184                      | PORTRAIT PHOTO 2<br>Portrait Photographer 2                            | 30, 31                      | /Y PA                                      | 1.5    | PHOTOG        | @7              | 7 G |
| PGY0185                      | COMM PHOTOGRAPHER<br>Commercial Photographer                           | 30, 31                      | /Y PA                                      | 3.0    | PHOTOG        | @7              | 7 G |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |  | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|-----------------|--|---------------|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA   |               |
| 8209600                      | DIGITAL DESIGN<br>Digital Design                                | 9-12                        | /  |        |                 |  |               |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G                    |               |
| 8209510                      | DIGITAL DESIGN 1<br>Digital Design 1/Level 3                    | 9-12                        | /Y   | PA     | 1.0             | BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6 @2<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>ELECT DP @7 R<br>ENG&TEC ED1 @2   |               |
| 8209520                      | DIGITAL DESIGN 2<br>Digital Design 2/Level 3                    | 9-12                        | /Y   | PA     | 1.0             | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6 @2<br>ELECT DP @7 %G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>ENG&TEC ED1 @2<br>TEC ELEC \$7 G<br>VOE @7<br>MANAG SUPV7 G |               |
| 8209530                      | DIGITAL DESIGN 3<br>Digital Design 3/Level 3                    | 9-12                        | /Y   | PA     | 1.0             | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6 @2<br>ELECT DP @7 %G<br>PRINTING @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>ENG&TEC ED1 @2<br>TEC ELEC \$7 G<br>VOE @7<br>MANAG SUPV7 G |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES     |        |
|------------------------------|--|-----------------------------|---|--------|---------------|-------------|--------|
|                              |  |                             |   |        |               | MEETING     | AREA   |
| 8209540                      | DIGITAL DESIGN 4<br>Digital Design 4/Level 3             | 9-12                        | /Y PA   | 1.0    |               | BUS DP      | @7 %G  |
|                              |  |                             |   |        |               | BUS ED      | 1 @2   |
|                              |  |                             |   |        |               | CLERICAL    | @7 7 G |
|                              |  |                             |   |        |               | COMM ART    | @7 7 G |
|                              |  |                             |   |        |               | COMPU SCI   | 6 @2   |
|                              |  |                             |   |        |               | ELECT DP    | @7 %G  |
|                              |  |                             |   |        |               | PRINTING    | @7 7 G |
|                              |  |                             |   |        |               | SECRETAR    | 7 G    |
|                              |  |                             |   |        |               | TC COOP E   | @7     |
|                              |  |                             |   |        |               | ENG&TEC ED1 | @2     |
|                              |  |                             |   |        |               | TEC ELEC    | \$7 G  |
|                              |  |                             |   |        |               | VOE         | @7     |
|                              |  |                             |   |        |               | MANAG SUPV  | 7 G    |
| 8209550                      | DIGITAL DESIGN 5<br>Digital Design 5/Level 3             | 9-12                        | /Y PA   | 1.0    |               | BUS DP      | @7 %G  |
|                              |  |                             |   |        |               | BUS ED      | 1 @2   |
|                              |  |                             |   |        |               | CLERICAL    | @7 7 G |
|                              |  |                             |   |        |               | COMM ART    | @7 7 G |
|                              |  |                             |   |        |               | COMPU SCI   | 6 @2   |
|                              |  |                             |   |        |               | ELECT DP    | @7 %G  |
|                              |  |                             |   |        |               | PRINTING    | @7 7 G |
|                              |  |                             |   |        |               | SECRETAR    | 7 G    |
|                              |  |                             |   |        |               | TC COOP E   | @7     |
|                              |  |                             |   |        |               | ENG&TEC ED1 | @2     |
|                              |  |                             |   |        |               | TEC ELEC    | \$7 G  |
|                              |  |                             |   |        |               | VOE         | @7     |
|                              |  |                             |   |        |               | MANAG SUPV  | 7 G    |
| B070600                      | DIGITAL DESIGN<br>Digital Design                         | 30, 31                      | /   |        |               |             |        |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant  | 30, 31                      | /Y PA   | 1.0    |               | ACCTING     | @7 7 G |
|                              |  |                             |   |        |               | ADMIN ASST  | 7 G    |
|                              |  |                             |   |        |               | BUS ED      | 1 @2   |
|                              |  |                             |   |        |               | COMM ART    | @7 7 G |
|                              |  |                             |   |        |               | COMP PROG   | 7 G    |
|                              |  |                             |   |        |               | COMPU SCI   | 6      |
|                              |  |                             |   |        |               | INFO TECH   | 7 G    |
|                              |  |                             |   |        |               | MANAG SUPV  | 7 G    |
|                              |  |                             |   |        |               | BUS DP      | @7 %G  |
|                              |  |                             |   |        |               | BUS ED      | 1 @2   |
| GRA0024                      | PRODUCTION ASST<br>Production Assistant                  | 30, 31                      | /Y PA   | 1.0    |               | CLERICAL    | @7 7 G |
|                              |  |                             |   |        |               | COMM ART    | @7 7 G |
|                              |  |                             |   |        |               | COMPU SCI   | 6 @2   |
|                              |  |                             |   |        |               | ELECT DP    | @7 %G  |
|                              |  |                             |   |        |               | PRINTING    | @7 7 G |
|                              |  |                             |   |        |               | SECRETAR    | 7 G    |
|                              |  |                             |   |        |               | TC COOP E   | @7     |
|                              |  |                             |   |        |               | ENG&TEC ED1 | @2     |
|                              |  |                             |   |        |               | TEC ELEC    | \$7 G  |
|                              |  |                             |   |        |               | VOE         | @7     |
|                              |  |                             |   |        |               | MANAG SUPV  | 7 G    |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |                 |   |        |       |     |    |                 |
|------------------------------|--|-----------------------------|---|--------|---------------|-----------------|---|--------|-------|-----|----|-----------------|
|                              |  |                             |   |        |               |                 |   |        |       |     |    |                 |
| GRA0025                      | DIGITAL ASST DSN<br>Digital Assistant Designer           | 30, 31                      | /Y PA   | 2.0    | %G            |                 |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | BUS DP @7       |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | BUS ED 1 @2     |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | COMM ART @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | COMPU SCI 6 @2  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | PRINTING @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | SECRETAR 7 G    |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | TC COOP E@7     |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | ENG&TEC ED1 @2  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | TEC ELEC \$7 G  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | VOE @7          |   |        |       |     |    |                 |
| GRA0026                      | GRAPHIC DESIGNER<br>Graphic Designer                     | 30, 31                      | /Y PA   | 2.0    | %G            |                 |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | BUS DP @7       |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | BUS ED 1 @2     |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | COMM ART @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | COMPU SCI 6 @2  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | PRINTING @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | SECRETAR 7 G    |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | TC COOP E@7     |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | ENG&TEC ED1 @2  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | TEC ELEC \$7 G  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | VOE @7          |   |        |       |     |    |                 |
| GRA0027                      | MEDIA DESIGNER<br>Media Designer                         | 30, 31                      | /Y PA   | 2.0    | %G            |                 |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | BUS DP @7       |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | BUS ED 1 @2     |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | COMM ART @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | COMPU SCI 6 @2  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | PRINTING @7 7 G |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | SECRETAR 7 G    |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | TC COOP E@7     |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | ENG&TEC ED1 @2  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | TEC ELEC \$7 G  |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | VOE @7          |   |        |       |     |    |                 |
| K700100                      | DIGITAL DESIGN 1<br>Digital Design 1                     | 30, 31                      | /   |        |               |                 |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | MANAG SUPV7 G   |   |        |       |     |    |                 |
|                              |  |                             |   |        |               | OTA0040         | INFO TECH ASSISTANT<br>Information Technology Assistant | 30, 31 | /Y PA | 1.0 | %G |                 |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | ACCTING @7 7 G  |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | ADMIN ASST7 G   |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | BUS ED 1 @2     |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | COMM ART @7 7 G |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | COMP PROG 7 G   |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | COMPU SCI 6     |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | INFO TECH 7 G   |
|                              |  |                             |   |        |               |                 |   |        |       |     |    | MANAG SUPV7 G   |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |              |
|------------------------------|--|-----------------------------|--|--------|---------------|-----------------|--------------|
|                              |  |                             |  |        |               | COURSES MEETING | SUBJECT AREA |
| GRA0024                      | PRODUCTION ASST<br>Production Assistant                  | 30, 31                      | /Y PA                                      | 1.0    |               | BUS DP @7 %G    |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | CLERICAL @7 7 G |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMPU SCI 6 @2  |              |
|                              |  |                             |  |        |               | ELECT DP @7 %G  |              |
|                              |  |                             |  |        |               | PRINTING @7 7 G |              |
|                              |  |                             |  |        |               | SECRETAR 7 G    |              |
|                              |  |                             |  |        |               | TC COOP E@7     |              |
|                              |  |                             |  |        |               | ENG&TEC ED1 @2  |              |
|                              |  |                             |  |        |               | TEC ELEC \$7 G  |              |
| VOE @7                       |  |                             |  |        |               |                 |              |
| GRA0025                      | DIGITAL ASST DSN<br>Digital Assistant Designer           | 30, 31                      | /Y PA                                      | 2.0    |               | MANAG SUPV7 G   |              |
|                              |  |                             |  |        |               | BUS DP @7 %G    |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | CLERICAL @7 7 G |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMPU SCI 6 @2  |              |
|                              |  |                             |  |        |               | ELECT DP @7 %G  |              |
|                              |  |                             |  |        |               | PRINTING @7 7 G |              |
|                              |  |                             |  |        |               | SECRETAR 7 G    |              |
|                              |  |                             |  |        |               | TC COOP E@7     |              |
|                              |  |                             |  |        |               | ENG&TEC ED1 @2  |              |
| TEC ELEC \$7 G               |  |                             |  |        |               |                 |              |
| VOE @7                       |  |                             |  |        |               |                 |              |
| MANAG SUPV7 G                |  |                             |  |        |               |                 |              |
| K700200                      | DIGITAL DESIGN 2<br>Digital Design 2                     | 30, 31                      | /  |        |               |                 |              |
| GRA0026                      | GRAPHIC DESIGNER<br>Graphic Designer                     | 30, 31                      | /Y PA                                      | 2.0    |               | BUS DP @7 %G    |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | CLERICAL @7 7 G |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMPU SCI 6 @2  |              |
|                              |  |                             |  |        |               | ELECT DP @7 %G  |              |
|                              |  |                             |  |        |               | PRINTING @7 7 G |              |
|                              |  |                             |  |        |               | SECRETAR 7 G    |              |
|                              |  |                             |  |        |               | TC COOP E@7     |              |
|                              |  |                             |  |        |               | ENG&TEC ED1 @2  |              |
|                              |  |                             |  |        |               | TEC ELEC \$7 G  |              |
| VOE @7                       |  |                             |  |        |               |                 |              |
| MANAG SUPV7 G                |  |                             |  |        |               |                 |              |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING  |              |
|------------------------------|---|-----------------------------|--|--------|---------------|------------------|--------------|
|                              |   |                             |  |        |               | COURSES MEETING  | SUBJECT AREA |
| GRA0027                      | MEDIA DESIGNER<br>Media Designer                                      | 30, 31                      | /Y PA                                      | 2.0    |               | BUS DP @7 %G     |              |
|                              |   |                             |  |        |               | BUS ED 1 @2      |              |
|                              |   |                             |  |        |               | CLERICAL @7 7 G  |              |
|                              |   |                             |  |        |               | COMM ART @7 7 G  |              |
|                              |   |                             |  |        |               | COMPU SCI 6 @2   |              |
|                              |   |                             |  |        |               | ELECT DP @7 %G   |              |
|                              |   |                             |  |        |               | PRINTING @7 7 G  |              |
|                              |   |                             |  |        |               | SECRETAR 7 G     |              |
|                              |   |                             |  |        |               | TC COOP E@7      |              |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2   |              |
|                              |   |                             |  |        |               | TEC ELEC \$7 G   |              |
|                              |   |                             |  |        |               | VOE @7           |              |
|                              |   |                             |  |        |               | MANAG SUPV7 G    |              |
| 8506400                      | FASH TECH & DSN SERS<br>Fashion Technology and Design Services        | 9-12                        | /  |        |               |                  |              |
| 8506405                      | DESIGN SERVS CORE<br>Design Services Core/Level 2                     | 9-12                        | /Y PA                                      | 1.0    |               | APPRL MFGc7 @7 G |              |
|                              |   |                             |  |        |               | FAM CON SC1      |              |
|                              |   |                             |  |        |               | FASH TECH 7 G    |              |
|                              |   |                             |  |        |               | HME EC OCc7      |              |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2   |              |
|                              |   |                             |  |        |               | INT DES 7 G      |              |
| 8506410                      | PRIN FASH DESIGN<br>Principles of Fashion Design Services<br>/Level 2 | 9-12                        | /Y PA                                      | 1.0    |               | APPRL MFGc7 @7 G |              |
|                              |   |                             |  |        |               | FAM CON SC1      |              |
|                              |   |                             |  |        |               | FASH TECH 7 G    |              |
|                              |   |                             |  |        |               | HME EC OCc7      |              |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2   |              |
|                              |   |                             |  |        |               | TAILORINGc7      |              |
|                              |   |                             |  |        |               | INT DES 7 G      |              |
| 8506420                      | PATTERN DESIGN TECNQ<br>Pattern Design Techniques/Level 3             | 9-12                        | /Y PA                                      | 1.0    |               | APPRL MFGc7 @7 G |              |
|                              |   |                             |  |        |               | FAM CON SC1      |              |
|                              |   |                             |  |        |               | FASH TECH 7 G    |              |
|                              |   |                             |  |        |               | HME EC OCc7      |              |
|                              |   |                             |  |        |               | TAILORINGc7      |              |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2   |              |
|                              |   |                             |  |        |               | INT DES 7 G      |              |
| 8506430                      | FASH DESIGN SPEC<br>Fashion Design Specialist/Level 3                 | 9-12                        | /Y PA                                      | 1.0    |               | APPRL MFGc7 @7 G |              |
|                              |   |                             |  |        |               | FAM CON SC1      |              |
|                              |   |                             |  |        |               | FASH TECH 7 G    |              |
|                              |   |                             |  |        |               | HME EC OCc7      |              |
|                              |   |                             |  |        |               | TAILORINGc7 1    |              |
|                              |   |                             |  |        |               | ENG&TEC E@2      |              |
|                              |   |                             |  |        |               | INT DES 7 G      |              |
| K500100                      | FASHION TECH/PROD<br>Fashion Technology and Production<br>Services    | 30, 31                      | /  |        |               |                  |              |
| CTE0000                      | GARMENT FAB SPEC<br>Garment Fabrication Specialist                    | 30, 31                      | /Y   | 1.0    |               | APPRL MFG@7 7 G  |              |
|                              |   |                             |  |        |               | FAM CON SC1      |              |
|                              |   |                             |  |        |               | TAILORING 7 G    |              |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2   |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|---|
|                              |  |                             |  |        |   |
| CTE0001                      | INDUS SEAMSTRESS<br>Industrial Seamstress                                    | 30, 31                      | /Y   | 1.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0002                      | INTRO PATTERNMAKING<br>Introduction to Patternmaking and<br>Entrepreneurship | 30, 31                      | /Y   | 1.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0003                      | ALTERATIONS SPEC<br>Alterations Specialist                                   | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0004                      | TAILOR FOR MENSWEAR<br>Tailor for Menswear                                   | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0005                      | FORMALWEAR SPEC<br>Formalwear Specialist                                     | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0006                      | COSTUME SPECIALIST<br>Costume Specialist                                     | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0007                      | ACCESSORIES SPEC<br>Accessories Specialist                                   | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0008                      | INTIMATE APPAREL SPE<br>Intimate Apparel Specialist                          | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0010                      | EMBROIDERER<br>Embroiderer   | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0011                      | EMBROIDERY DIGITIZER<br>Embroidery Digitizer                                 | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0012                      | CAD PATTERNMAKER I<br>CAD Patternmaker I                                     | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |
| CTE0013                      | CAD PATTERNMAKER II<br>CAD Patternmaker II                                   | 30, 31                      | /Y   | 2.0    | APPRL MFG@7 7 G<br>FAM CON SC1<br>TAILORING 7 G<br>ENG&TEC ED1 @2 |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  | COURSES MEETING   |  |
|------------------------------|---|-----------------------------|--|----------|--|---|--|
|                              |   |                             |  |          |  |   |  |
| V200600                      | INT DECORATING SERS<br>Interior Decorating Services                                       | 30, 31                      | /  |          |  |   |  |
| HEV0412                      | SALES/COLOR CONSULT<br>Sales/Color Consultant   | 30, 31                      | /Y   | 1.0      | FAM CON SC1<br>HME EC OCc7 @7 G<br>INT DEC 7 G                               |   |  |
| HEV0452                      | FURN ARR/SPACE PLAN<br>Furniture Arranger/Space Planner                                   | 30, 31                      | /Y   | 2.0      | FAM CON SC1<br>HME EC OCc7 @7 G<br>INT DEC 7 G                               |   |  |
| HEV0453                      | MERCH STYL/VIS DISP<br>Merchandise Stylist/Visual Displayer                               | 30, 31                      | /Y   | 2.0      | FAM CON SC1<br>HME EC OCc7 @7 G<br>INT DEC 7 G                               |   |  |
| HEV0413                      | INT DEC/INT DEC CONS<br>Interior Decorator/Interior<br>Decorating Consultant              | 30, 31                      | /Y   | 1.0      | FAM CON SC1<br>HME EC OCc7 @7 G<br>INT DEC 7 G                               |   |  |
| 8506500                      | INTERIOR DESIGN SERS<br>Interior Design Services  | 9-12                        | /  |          |  |   |  |
| 8506405                      | DESIGN SERVS CORE<br>Design Services Core/Level 2   | 9-12                        | /Y   | PA       | 1.0  | APPRL MFGc7 @7 G<br>FAM CON SC1<br>FASH TECH 7 G<br>HME EC OCc7<br>ENG&TEC ED1 @2<br>INT DES 7 G                |  |
| 8506540                      | PRIN INT DESIGN SERV<br>Principles of Interior Design<br>Services/Level 2                 | 9-12                        | /Y   | PA       | 1.0  | APPRL MFGc7 @7 G<br>FAM CON SC1<br>HME EC OCc7<br>INT DES 7 G<br>ENG&TEC ED1 @2<br>TAILORINGc7<br>FASH TECH 7 G |  |
| 8506550                      | INT DESIGN TECNQS<br>Interior Design Techniques/Level 2                                   | 9-12                        | /Y   | PA       | 1.0  | APPRL MFGc7 @7 G<br>FAM CON SC1<br>HME EC OCc7<br>INT DES 7 G<br>ENG&TEC ED1 @2<br>TAILORINGc7<br>FASH TECH 7 G |  |
| 8506560                      | INTERIOR DESIGN SPEC<br>Interior Design Specialist/Level 3                                | 9-12                        | /Y   | PA       | 1.0  | APPRL MFGc7 @7 G<br>FAM CON SC1<br>HME EC OCc7<br>INT DES 7 G<br>ENG&TEC ED1 @2<br>TAILORINGc7<br>FASH TECH 7 G |  |
| GENERAL PROGRAMS             |   |                             |  |          |  |   |  |
| 8200430                      | ARTS, A/V OJT<br>Arts, A/V Technology and<br>Communication Cooperative Education<br>- OJT | 9-12                        | /M   | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE |   |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING  |             | CERTIFICATION     |
|------------------------------|---|-----------------------------|--|----------|--|-------------|-------------------|
|                              |   |                             |  |          | COURSES MEETING  |             |                   |
| 8200400                      | ARTS, A/V DIR STUDY<br>Arts, A/V Technology and<br>Communication Directed Study                   | 11-12                       | /M   | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |             |                   |
| 8209100                      | CAREER IN FASH & INT<br>Careers in Fashion and Interior<br>Design                                 | 6-8                         | /S   |          | FAM CON SCI  | 1           |                   |
| 8209200                      | CAR IN FASH & INT CP<br>Careers in Fashion and Interior<br>Design and Career Planning             | 6-8                         | /S   |          | FAM CON SCI  | 1           |                   |
| 8209310                      | CAR IN FASH DESIGN<br>Careers in Fashion Design   | 6-8                         | /  |          |  |             |                   |
| 8500380                      | FABR CONSTRUCTION<br>Fabric Construction/Level 2  | 9-12                        | /S   | PA       | 0.5  | FAM CON SCI | 1                 |
| 8260300                      | FUND OF A/V, PRINT TE<br>Fundamentals of A/V and Print<br>Technology                              | 6-8                         | /S   |          | BUS ED   | 1 @2        | PRINTING @7 7 G   |
|                              |   |                             |  |          | ENG&TEC ED   | 1 @2        | TV PRO TEC @7 7 G |
| 8260400                      | FUND OF TELECOMM<br>Fundamentals of Telecommunications  | 6-8                         | /S   |          | COMP SVC   | 7 G         | ELECTRICAL @7 7 G |
|                              |   |                             |  |          | ELECTRONIC   | @7 7 G      | TV PRO TEC @7 7 G |
|                              |   |                             |  |          | TELCOM   | 7 G         |                   |
| 8260500                      | FUND OF VIS & PA<br>Fundamentals of Visual and Performing<br>Arts                                 | 6-8                         | /S   |          | BUS DP   | @7 %7 %G    | BUS ED 1 @2       |
|                              |   |                             |  |          | CLERICAL   | @7 7 G      | COMM ART @7 7 G   |
|                              |   |                             |  |          | COMPU SCI  | 6 @2        | ELECT DP @7 %7 %G |
|                              |   |                             |  |          | GRAPH ARTS   | 4           | JOURNALISM @1     |
|                              |   |                             |  |          | MKTG   | 1           | MG ENG C          |
|                              |   |                             |  |          | PHOTOG   | @7 7 G      | PRINTING @7 7 G   |
|                              |   |                             |  |          | SECRETAR   | 7 G         | TEC ELEC @7       |
|                              |   |                             |  |          | ENG&TEC ED   | 1 @2        | TV PRO TEC @7 7 G |
|                              |   |                             |  |          | VOE  | @7          |                   |
| 8209350                      | INTRO ARTS, A/V<br>Introduction to Arts, A/V Technology<br>and Communication                      | 6-8                         | /S   |          | BUS ED   | 1 @2        | COMM ART @7 7 G   |
|                              |   |                             |  |          | COMPU SCI  | 6 @2        | MKTG 1            |
|                              |   |                             |  |          | PRINTING   | @7 7 G      | SECRETAR 7 G      |
|                              |   |                             |  |          | TC COOP ED   | @7          | ENG&TEC ED 1 @2   |
|                              |   |                             |  |          | TV PRO TEC   | @7 7 G      | VOE @7            |
| 8209360                      | INTRO ARTS, A/V & CP<br>Introduction to Arts, A/V Technology<br>and Communication/Career Planning | 6-8                         | /S   |          | BUS ED   | 1 @2        | COMM ART @7 7 G   |
|                              |   |                             |  |          | COMPU SCI  | 6 @2        | MKTG 1            |
|                              |   |                             |  |          | PRINTING   | @7 7 G      | SECRETAR 7 G      |
|                              |   |                             |  |          | TC COOP ED   | @7          | ENG&TEC ED 1 @2   |
|                              |   |                             |  |          | TV PRO TEC   | @7 7 G      | VOE @7            |
| APPRENTICESHIP PROGRAMS      |   |                             |  |          |  |             |                   |
| I47034R                      | TELECOM TECH - APPR<br>Telecommunications Technology -<br>Apprenticeship                          | 30, 31                      | /  |          |  |             |                   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA | GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|-------------------------|----------------------------|--------|---------------|
|                              |  |                             |                         |                            |        |               |

## | BUSINESS MANAGEMENT &amp; ADMINISTRATIVE CAREER CLUSTER |

## MANAGEMENT CAREER PATH (BAPA)

|          |   |      |    |    |     |   |
|----------|---|------|----|----|-----|---|
| a8301100 | BUS MGMT & ANALYSIS<br>Business Management and Analysis                     | 9-12 | /  |    |     |   |
| 8207310  | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2             | 9-12 | /Y | PA | 1.0 | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 8215120  | BUSINESS ENTREP PRIN<br>Business and Entrepreneurship<br>Principles/Level 3 | 9-12 | /Y |    | 1.0 | ACCTING @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G  |
| 8203310  | ACCOUNTING APPS 1<br>Accounting Applications 1/Level 3                      | 9-12 | /Y |    | 1.0 | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7<br>MANAG SUP@7 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>BANK FINC@7 7 G  |
| 8301110  | MGMT & HUMAN RESOURC<br>Management and Human Resources/<br>Level 3          | 9-12 | /Y |    | 1.0 | ACCTING @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G  |
| 8301120  | BUSINESS ANALYSIS<br>Business Analysis/ Level 3                             | 9-12 | /Y |    | 1.0 | ACCTING @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G  |
| 8215130  | LEG ASPECTS BUSINESS<br>Legal Aspects of Business/Level 3                   | 9-12 | /Y |    | 1.0 | ACCTING @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|------------------------------|--|-----------------------------|--|--------|---------------|---|--------------|
|                              |  |                             |  |        |               | COURSES MEETING   | SUBJECT AREA |
| B060200                      | BUS MGMT & ANALYSIS<br>Business Management and Analysis              | 30, 31                      | /  |        |               |   |              |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant              | 30, 31                      | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |              |
| MNA0080                      | SUPR/MANAGER TRAINEE<br>Supervi sor/Manager Trai nee                 | 30, 31                      | /Y   |        | 2.0           | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>TC COOP E@7<br>VOE @7   |              |
| MNA0082                      | SUPERVISOR<br>Supervi sor  | 30, 31                      | /Y   |        | 3.0           | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>TC COOP E@7<br>VOE @7   |              |
| 8217100                      | PROMOTIONAL ENT<br>Promotional Enterprise                            | 9-12                        | /  |        |               |   |              |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2      | 9-12                        | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |              |
| 8217110                      | CUS PROMO LAYOUT DSN<br>Custom Promotional Layout Design/<br>Level 2 | 9-12                        | /Y   | PA     | 1.0           | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7                                       |              |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|------------------------------|---|-----------------------------|--|--------|---------------|---|--------------|
|                              |   |                             |  |        |               | COURSES MEETING   | SUBJECT AREA |
| 8217120                      | PROMO DESIGN MGMT<br>Promotional Design Management/Level 2                            | 9-12                        | /Y   | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8217130                      | CUS PROMO S&D MGMT<br>Custom Promotional Sales and<br>Distribution Management/Level 2 | 9-12                        | /Y PA                                      | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8217140                      | PROMO BUS MGMT&SUPR1<br>Promotional Business Management and<br>Supervision 1/Level 2  | 9-12                        | /Y   | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8217150                      | PROMO BUS MGMT&SUPR2<br>Promotional Business Management and<br>Supervision 2/Level 2  | 9-12                        | /Y   | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8217160                      | LEG ASP OF PROMO IND<br>Legal Aspects of Promotional Industry<br>Ownership/Level 2    | 9-12                        | /Y   | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                                       | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|--|---|-----------------------------|--|--------|---------------|---|--------------|
|  |   |                             |  |        |               | COURSES MEETING   | SUBJECT AREA |
| -----<br>BUSINESS FINANCIAL MANAGEMENT CAREER PATH (BAPB)<br>----- |   |                             |  |        |               |   |              |
| 8302100  | ACCOUNTING APPS<br>Accounting Applications                      | 9-12                        | /  |        |               |   |              |
| 8207310  | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12                        | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |              |
| 8203310  | ACCOUNTING APPS 1<br>Accounting Applications 1/Level 3          | 9-12                        | /Y   |        | 1.0           | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7<br>MANAG SUP@7 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>BANK FINC@7 7 G  |              |
| 8203320  | ACCOUNTING APPS 2<br>Accounting Applications 2/Level 3          | 9-12                        | /Y   |        | 1.0           | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7  |              |
| 8203330  | ACCOUNTING APPS 3<br>Accounting Applications 3/Level 3          | 9-12                        | /Y   |        | 1.0           | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7  |              |
| B070110  | ACCOUNTING OPERATION<br>Accounting Operations                   | 30, 31                      | /  |        |               |   |              |
| 0TA0040  | INFO TECH ASSISTANT<br>Information Technology Assistant         | 30, 31                      | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |              |
| AC00040  | ACCOUNTING CLERK<br>Accounting Clerk                            | 30, 31                      | /Y   |        | 2.0           | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7  |              |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                    | GRADE LEVEL/<br>CRSE LENGTH | /Y | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CAREER AND TECHNICAL EDUCATION |                       |                |                 |
|------------------------------|---|-----------------------------|----|--|----------|--------------------------------|-----------------------|----------------|-----------------|
|                              |   |                             |    |  |          | COURSES MEETING                | CERTIFICATION         |                |                 |
| AC00041                      | ACCOUNTING ASSOCIATE<br>Accounting Associate  | 30, 31                      | /Y |  | 2.0      | ACCTING @7 7 G                 | BOOKKEEPING @4 @7 7 G | BUS ED 1 @2    | TC COOP ED @7   |
| AC00042                      | ACCOUNTING ASSISTANT<br>Accounting Assistant  | 30, 31                      | /Y |  | 1.0      | ACCTING @7 7 G                 | BOOKKEEPING @4 @7 7 G | BUS ED 1 @2    | TC COOP ED @7   |
| OPERATIONS MANAGEMENT (BAPC) |   |                             |    |  |          |                                |                       |                |                 |
| 8300600                      | RES PROPERTY MGMT<br>Residential Property Management  | 9-12                        | /  |  |          |                                |                       |                |                 |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                             | 9-12                        | /Y | PA   | 1.0      | ACCTING @7 7 G                 | BANK FINC @7 7 G      | BUS ED 1 @2    | COMM ART @7 7 G |
|                              |   |                             |    |  |          | COMP PROG 7 G                  | COMPU SCI 6           | CYBER TECH 7 G | INFO TECH 7 G   |
|                              |   |                             |    |  |          | MANAG SUPV 7 G                 | MKTG 1 @2             | MKTG MGMT 7 G  | WEB DEV 7 G     |
| 8300610                      | RES PROPERTY MGMT 1<br>Residential Property Management 1/<br>Level 2                        | 9-12                        | /Y |  | 1.0      | BUS ED 1 @2                    | BUS DP @7             |                |                 |
| 8300620                      | RES PROPERTY MGMT 2<br>Residential Property Management 2/<br>Level 2                        | 9-12                        | /Y |  | 1.0      | BUS ED 1 @2                    | BUS DP @7             |                |                 |
| 8200420                      | BUSINESS COOP MGMT<br>Business Cooperative Education<br>Organization and Management/Level 2 | 9-12                        | /M |  | MULTIPLE | ANY BUSINESS ED/TC COOP ED E G | BUS ED 1 @2           | TC COOP ED @7  | VOE @7          |

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER  
COURSES MEETING  
SUBJECT AREA

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|----------------------------|--------|---------------|
|------------------------------|--|-----------------------------|----------------------------|--------|---------------|

BUSINESS ANALYSIS CAREER PATH (BAPD)

|         |  |      |    |    |   |
|---------|--|------|----|----|---|
| 8216100 | INTERNATIONAL BUS<br>International Business                        | 9-12 | /  |    |   |
| 8207310 | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2    | 9-12 | /Y | PA | 1.0   |
|         |  |      |    |    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 8203310 | ACCOUNTING APPS 1<br>Accounting Applications 1/Level 3             | 9-12 | /Y |    | 1.0   |
|         |  |      |    |    | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7<br>MANAG SUP@7 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>BANK FINC@7 7 G  |
| 8216110 | INTL BUSINESS SYSTEM<br>International Business Systems/<br>Level 2 | 9-12 | /Y |    | 1.0   |
|         |  |      |    |    | BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>TC COOP E@7<br>VOE @7   |
| 8216120 | INTL FIN & LAW<br>International Finance and Law/Level 3            | 9-12 | /Y |    | 1.0   |
|         |  |      |    |    | BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>TC COOP E@7<br>VOE @7   |
| 8216130 | BUSINESS INTERNSHIP<br>Business Internship/Level 2                 | 9-12 | /Y |    | 1.0   |
|         |  |      |    |    | BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>TC COOP E@7<br>VOE @7   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |              |
|------------------------------|--|-----------------------------|--|--------|---------------|-----------------|--------------|
|                              |  |                             |  |        |               | COURSES MEETING | SUBJECT AREA |

## MARKETING &amp; COMMUNICATIONS CAREER PATH (BAPE)

|         |  |      |    |    |     |   |  |
|---------|--|------|----|----|-----|---|--|
| 8200300 | ELEC BUSINESS ENTERP<br>Electronic Business Enterprise                   | 9-12 | /  |    |     |   |  |
| 8207310 | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2          | 9-12 | /Y | PA | 1.0 | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |  |
| 8200340 | INTRO TO E-COMMERCE<br>Introduction to E-Commerce/Level 2                | 9-12 | /Y | PA | 1.0 | BUS DP @7<br>BUS ED 1 @2<br>ELECT DP @7 %G  |  |
| 8200350 | E-COMMERCE INTERP<br>E-Commerce Entrepreneur/Level 2                     | 9-12 | /Y |    | 1.0 | BUS DP @7<br>BUS ED 1 @2<br>ELECT DP @7 %G  |  |
| 8200360 | E-COM SYS ANL & DSN<br>E-Commerce Systems Analysis and<br>Design/Level 2 | 9-12 | /Y |    | 1.0 | BUS DP @7<br>BUS ED 1 @2<br>ELECT DP @7 %G  |  |

## ADMINISTRATIVE &amp; INFORMATION SUPPORT CAREER PATH (BAPF)

|         |   |      |    |    |     |   |
|---------|---|------|----|----|-----|---|
| 8306300 | ADMIN OFFICE SPEC<br>Administrative Office Specialist               | 9-12 | /  |    |     |   |
| 8207310 | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2     | 9-12 | /Y | PA | 1.0 | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 8306310 | ADM OFFICE SPEC 1<br>Administrative Office Specialist 1/<br>Level 2 | 9-12 | /Y |    | 1.0 | BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|-----------------|-----------------|---------------|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA    |               |
| 8306320                      | ADM OFFICE SPEC 2<br>Administrative Office Specialist 2/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | CLERICAL @7 7 G |               |
|                              |   |                             |  |        | MANAG SUPV7 G   | SECRETAR 7 G    |               |
|                              |   |                             |  |        | TC COOP E@7     | VOE @7          |               |
| 8306330                      | ADM OFFICE SPEC 3<br>Administrative Office Specialist 3/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | CLERICAL @7 7 G |               |
|                              |   |                             |  |        | MANAG SUPV7 G   | SECRETAR 7 G    |               |
|                              |   |                             |  |        | TC COOP E@7     | VOE @7          |               |
| 8212500                      | ADMIN OFFICE SPEC<br>Administrative Office Specialist               | 9-12                        | /  |        |                 |                 |               |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2     | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7 7 G  |               |
|                              |   |                             |  |        | BANK FINC@7 7 G | BUS ED 1 @2     |               |
|                              |   |                             |  |        | COMM ART @7 7 G | COMP PROG 7 G   |               |
|                              |   |                             |  |        | COMPU SCI 6     | CYBER TECH7 G   |               |
|                              |   |                             |  |        | INFO TECH 7 G   | MANAG SUPV7 G   |               |
|                              |   |                             |  |        | MKTG 1 @2       | MKTG MGMT 7 G   |               |
|                              |   |                             |  |        | WEB DEV 7 G     | BUS ED 1 @2     |               |
| 8212110                      | ADM OFFICE TECH 1<br>Administrative Office Technology 1/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | CLERICAL @7 7 G |               |
|                              |   |                             |  |        | MANAG SUPV7 G   | SECRETAR 7 G    |               |
|                              |   |                             |  |        | TC COOP E@7     | VOE @7          |               |
| 8212120                      | BUS SOFTWARE APPS 1<br>Business Software Applications 1/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | CLERICAL @7 7 G |               |
|                              |   |                             |  |        | MANAG SUP@7 G   | SECRETAR 7 G    |               |
|                              |   |                             |  |        | TC COOP E@7     | VOE @7          |               |
| 8209510                      | DIGITAL DESIGN 1<br>Digital Design 1/Level 3                        | 9-12                        | /Y   | PA     | 1.0             | BUS ED 1 @2     |               |
|                              |   |                             |  |        | CLERICAL @7 7 G | COMM ART @7 7 G |               |
|                              |   |                             |  |        | COMPU SCI 6 @2  | MANAG SUPV7 G   |               |
|                              |   |                             |  |        | SECRETAR 7 G    | TC COOP E@7     |               |
|                              |   |                             |  |        | ELECT DP @7 R   | ENG&TEC ED1 @2  |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |              |
|------------------------------|---|-----------------------------|--|--------|---|-----------------|--------------|
|                              |   |                             |  |        |   | COURSES MEETING | SUBJECT AREA |
| 8212410                      | ADM OFFICE TECH 2<br>Administrative Office Technology 2/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |                 |              |
| 8212420                      | ADM OFFICE TECH 3<br>Administrative Office Technology 3/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |                 |              |
| 8212160                      | BUSINESS SOFTWARE 2<br>Business Software Applications 2/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |                 |              |
| B070330                      | ADMIN OFFICE SPEC<br>Administrative Office Specialist               | 30, 31                      | /  |        |   |                 |              |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant             | 30, 31                      | /Y   | 1.0    | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G |                 |              |
| OTA0041                      | FRONT DESK SPEC<br>Front Desk Specialist                            | 30, 31                      | /Y   | 2.0    | ADMIN ASST7 G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7                           |                 |              |
| OTA0030                      | ASST DIG PROD DSN<br>Assistant Digital Production Designer          | 30, 31                      | /Y   | 1.0    | ADMIN ASST7 G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7                           |                 |              |
| OTA0043                      | ADMIN OFFICE SPEC<br>Administrative Office Specialist               | 30, 31                      | /Y   | 3.0    | ADMIN ASST7 G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7                           |                 |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|--|--------|---|
|                              |   |                             |  |        |   |
| 8306100                      | COURT RPT TECHNOLOGY<br>Court Reporting Technology                  | 9-12                        | /  |        |   |
| 8306110                      | FUND OF COURT REPORT<br>Fundamentals of Court Reporting/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2     | 9-12                        | /Y PA                                      | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| B600100                      | COURT RPT TECHNOLOGY<br>Court Reporting Technology                  | 30, 31                      | /  |        |   |
| OTA0039                      | COURT REPORT FUND<br>Court Reporting Fundamentals                   | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |
| OTA0044                      | COURT REPORT TECH 1<br>Court Reporting Technology 1                 | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |
| OTA0045                      | COURT REPORT TECH 2<br>Court Reporting Technology 2                 | 30, 31                      | /Y   | 2.0    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |
| OTA0046                      | COURT REPORT TECH 3<br>Court Reporting Technology 3                 | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |
| B700600                      | COURT REPORTING 2<br>Court Reporting 2                              | 30, 31                      | /  |        |   |
| OTA0047                      | COURT RPT SCOPIST 1<br>Court Reporting Scopi st 1                   | 30, 31                      | /Y   | 4.0    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |
| B700700                      | COURT REPORTING 3<br>Court Reporting 3                              | 30, 31                      | /  |        |   |
| OTA0048                      | COURT REPORTER 1<br>Court Reporter 1                                | 30, 31                      | /Y   | 2.5    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |



| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CAREER AND TECHNICAL EDUCATION  |  |
|------------------------------|---|-----------------------------|---|--------|---|--|
|                              |   |                             |   |        | CERTIFICATION   |  |
| OTA0049                      | COURT REPORTER 2<br>Court Reporter 2                            | 30, 31                      | /Y  | 2.5    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |  |
| OTA0051                      | COURT REPORTER 3<br>Court Reporter 3                            | 30, 31                      | /Y  | 2.5    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |  |
| OTA0052                      | COURT REPORTER 4<br>Court Reporter 4                            | 30, 31                      | /Y  | 2.5    | BUS ED 1 @2<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |  |
| 8218100                      | CUSTOMER ASST TECH<br>Customer Assistance Technology            | 9-12                        | /   |        |   |  |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12                        | /Y  | 1.0    | PA<br>ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |  |
| 8218010                      | CUSTOMER ASSIST 1<br>Customer Assistance 1/Level 2              | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |  |
| 8218020                      | CUSTOMER ASSIST 2<br>Customer Assistance 2/Level 2              | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   | CERTIFICATION                             |
|------------------------------|---|-----------------------------|--|--------|-----------------|---|---|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA  |   |
| <sup>a</sup> B079100         | CUSTOMER ASST TECH<br>Customer Assistance Technology            | 30, 31                      | /  |        |                 |   |   |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant         | 30, 31                      | /Y   | PA     | 1.0             | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |   |
| <sup>a</sup> MNA0083         | CUSTOMER CARE REP<br>Customer Care Representative               | 30, 31                      | /Y   |        | 1.0             | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |   |
| <sup>a</sup> MNA0086         | CUSTOMER CARE SPEC<br>Customer Care Specialist                  | 30, 31                      | /Y   |        | 1.0             | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |   |
| 8306200                      | LEGAL ADMIN SPEC<br>Legal Administrative Specialist             | 9-12                        | /  |        |                 |   |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |   |
| 8215130                      | LEG ASPECTS BUSINESS<br>Legal Aspects of Business/Level 3       | 9-12                        | /Y   |        | 1.0             | ACCTING @7 7 G<br>BUS ED 1 @2<br>MANAG SUPV7 G<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |   |
| 8306210                      | LEGAL STUDIES 1<br>Legal Studies 1/Level 2                      | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2<br>MANAG SUPV 7 G<br>TC COOP ED @7  | CLERICAL @7 7 G<br>SECRETAR 7 G<br>VOE @7 |
| 8306220                      | LEGAL STUDIES 2<br>Legal Studies 2/Level 2                      | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2<br>MANAG SUPV 7 G<br>TC COOP ED @7  | CLERICAL @7 7 G<br>SECRETAR 7 G<br>VOE @7 |
| 8306230                      | LEGAL STUDIES 3<br>Legal Studies 3/Level 2                      | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2<br>MANAG SUPV 7 G<br>TC COOP ED @7  | CLERICAL @7 7 G<br>SECRETAR 7 G<br>VOE @7 |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL         | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |             |     | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|-------------|-----|---------------|
|                              |  |                             |  |        | COURSES MEETING |             |     |               |
| <sup>a</sup> 8212000         | <sup>a</sup> LEGAL ADMIN SPEC<br>Legal Administrative Specialist | 9-12                        | /  |        |                 |             |     |               |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2  | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7  | 7 G |               |
|                              |  |                             |  |        |                 | BANK FINC@7 | 7 G |               |
|                              |  |                             |  |        |                 | BUS ED 1 @2 |     |               |
|                              |  |                             |  |        |                 | COMM ART @7 | 7 G |               |
|                              |  |                             |  |        |                 | COMP PROG 7 | G   |               |
|                              |  |                             |  |        |                 | COMPU SCI 6 |     |               |
|                              |  |                             |  |        |                 | CYBER TECH7 | G   |               |
|                              |  |                             |  |        |                 | INFO TECH 7 | G   |               |
|                              |  |                             |  |        |                 | MANAG SUPV7 | G   |               |
|                              |  |                             |  |        |                 | MKTG 1 @2   |     |               |
|                              |  |                             |  |        |                 | MKTG MGMT 7 | G   |               |
|                              |  |                             |  |        |                 | WEB DEV 7   | G   |               |
| 8215130                      | LEG ASPECTS BUSINESS<br>Legal Aspects of Business/Level 3        | 9-12                        | /Y   |        | 1.0             | ACCTING @7  | 7 G |               |
|                              |  |                             |  |        |                 | BUS ED 1 @2 |     |               |
|                              |  |                             |  |        |                 | MANAG SUPV7 | G   |               |
|                              |  |                             |  |        |                 | CLERICAL @7 | 7 G |               |
|                              |  |                             |  |        |                 | SECRETAR 7  | G   |               |
|                              |  |                             |  |        |                 | TC COOP E@7 |     |               |
|                              |  |                             |  |        |                 | VOE @7      |     |               |
| 8212230                      | LEGAL OFFICE TECH 1<br>Legal Office Technology 1/Level 2         | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2 |     |               |
|                              |  |                             |  |        |                 | CLERICAL @7 | 7 G |               |
|                              |  |                             |  |        |                 | SECRETAR 7  | G   |               |
|                              |  |                             |  |        |                 | TC COOP E@7 |     |               |
|                              |  |                             |  |        |                 | VOE @7      |     |               |
|                              |  |                             |  |        |                 | MANAG SUPV7 | G   |               |
| 8212240                      | LEGAL OFFICE TECH 2<br>Legal Office Technology 2/Level 2         | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2 |     |               |
|                              |  |                             |  |        |                 | CLERICAL @7 | 7 G |               |
|                              |  |                             |  |        |                 | SECRETAR 7  | G   |               |
|                              |  |                             |  |        |                 | TC COOP E@7 |     |               |
|                              |  |                             |  |        |                 | VOE @7      |     |               |
|                              |  |                             |  |        |                 | MANAG SUPV7 | G   |               |
| 8212250                      | LEG OFFICE TECH 3<br>Legal Office Technology 3/Level 2           | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2 |     |               |
|                              |  |                             |  |        |                 | CLERICAL @7 | 7 G |               |
|                              |  |                             |  |        |                 | SECRETAR 7  | G   |               |
|                              |  |                             |  |        |                 | TC COOP E@7 |     |               |
|                              |  |                             |  |        |                 | VOE @7      |     |               |
|                              |  |                             |  |        |                 | MANAG SUPV7 | G   |               |
| B072000                      | LEGAL ADMIN SPEC<br>Legal Administrative Specialist              | 30, 31                      | /  |        |                 |             |     |               |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant          | 30, 31                      | /Y   | PA     | 1.0             | ACCTING @7  | 7 G |               |
|                              |  |                             |  |        |                 | ADMIN ASST7 | G   |               |
|                              |  |                             |  |        |                 | BUS ED 1 @2 |     |               |
|                              |  |                             |  |        |                 | COMM ART @7 | 7 G |               |
|                              |  |                             |  |        |                 | COMP PROG 7 | G   |               |
|                              |  |                             |  |        |                 | COMPU SCI 6 |     |               |
|                              |  |                             |  |        |                 | INFO TECH 7 | G   |               |
|                              |  |                             |  |        |                 | MANAG SUPV7 | G   |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |      |
|------------------------------|---|-----------------------------|--|--------|---|-----------------|------|
|                              |   |                             |  |        |   | MEETING         | AREA |
| OTA0041                      | FRONT DESK SPEC<br>Front Desk Specialist                            | 30, 31                      | /Y   | 2.0    | ADMIN ASST7 G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |                 |      |
| OTA0042                      | ADMIN SUPPORT<br>Administrative Support                             | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |                 |      |
| OTA0050                      | LEGAL ADMIN SPEC<br>Legal Administrative Specialist                 | 30, 31                      | /Y   | 3.0    | MANAG SUPV7 G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>MANAG SUPV7 G   |                 |      |
| 8212300                      | MEDICAL ADMIN SPEC<br>Medical Administrative Specialist             | 9-12                        | /  |        |   |                 |      |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2     | 9-12                        | /Y   | 1.0    | PA<br>ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |                 |      |
| 8212110                      | ADM OFFICE TECH 1<br>Administrative Office Technology 1/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |                 |      |
| 8212120                      | BUS SOFTWARE APPS 1<br>Business Software Applications 1/<br>Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUP@7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7  |                 |      |
| 8212201                      | MEDICAL OFF TECH 1<br>Medical Office Technology 1/Level 2           | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>MANAG SUPV7 G  |                 |      |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |              |
|------------------------------|---|-----------------------------|--|--------|---|-----------------|--------------|
|                              |   |                             |  |        |   | COURSES MEETING | SUBJECT AREA |
| 8212202                      | MEDICAL OFF TECH 2<br>Medical Office Technology 2/Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>MANAG SUPV7 G  |                 |              |
| 8212203                      | MEDICAL OFF TECH 3<br>Medical Office Technology 3/Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>MANAG SUPV7 G  |                 |              |
| 8212204                      | MED OFF INTERNSHIP<br>Medical Office Internship/Level 2   | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>MANAG SUPV7 G  |                 |              |
| B070300                      | MEDICAL ADMIN SPEC<br>Medical Administrative Specialist   | 30, 31                      | /  |        |   |                 |              |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant   | 30, 31                      | /Y   | 1.0    | PA<br>ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |                 |              |
| OTA0041                      | FRONT DESK SPEC<br>Front Desk Specialist                  | 30, 31                      | /Y   | 2.0    | ADMIN ASST7 G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>MANAG SUPV7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7   |                 |              |
| OTA0631                      | MEDICAL OFFICE TECH<br>Medical Office Technologist        | 30, 31                      | /Y   | 2.0    | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>ADMIN ASST7 G<br>MED ASST @7 7 G<br>LAB TECH @7 7 G<br>PRAC NURS@7 7 G<br>REG NURSE 7 G<br>MANAG SUPV7 G |                 |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                    | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION   |   |
|------------------------------|---|-----------------------------|---|----------|---|---|
|                              |   |                             |   |          |   |   |
| OTA0651                      | MEDICAL ADMIN SPEC<br>Medical Administrative Specialist                                     | 30, 31                      | /Y  | 2.0      | BUS ED 1 @2<br>CLERICAL @7 7 G<br>SECRETAR 7 G<br>TC COOP E@7<br>VOE @7<br>ADMIN ASST7 G<br>MED ASST @7 7 G<br>LAB TECH @7 7 G<br>PRAC NURS@7 7 G<br>REG NURSE 7 G<br>MANAG SUPV7 G |   |
| SUPPLEMENTAL PROGRAMS        |   |                             |   |          |   |   |
| 8500375                      | BLUEPR PROF SUCCESS<br>Blueprint for Professional Success/<br>Level 2                       | 9-12                        | /Y  | 1.0      | AGRICULTUR 1 @2<br>FAM CON SCI 1<br>PRAC NURSE @7 %G  | BUS ED 1 @2<br>MKTG 1 @2<br>ENG&TEC ED 1 @2 |
| B079998                      | BUSINESS COOP MGMT<br>Business Cooperative Education<br>Organization and Management         | 30, 31                      | /M  | 4.0      | ANY BUSINESS ED/TC COOP ED E G<br>BUS ED 1 @2 TC COOP ED @7<br>VOE @7   |   |
| 8200420                      | BUSINESS COOP MGMT<br>Business Cooperative Education<br>Organization and Management/Level 2 | 9-12                        | /M  | MULTIPLE | ANY BUSINESS ED/TC COOP ED E G<br>BUS ED 1 @2 TC COOP ED @7<br>VOE @7   |   |
| 8200410                      | BUSINESS COOP ED OJT<br>Business Cooperative Education-OJT                                  | 9-12                        | /M  | MULTIPLE | ANY BUSINESS ED G<br>ANY BUSINESS ED/TC COOP ED E G<br>BUS ED 1 @2 TC COOP ED @7<br>VOE @7  |   |
| 8200100                      | BUSINESS DIR STUDY<br>Business Education Directed Study                                     | 11-12                       | /M  | MULTIPLE | ANY BUSINESS ED G<br>BUS ED 1 @2  |   |
| 8200110                      | BUSINESS KEYBOARDING<br>Business Keyboarding  | 6-8                         | /S  |          | BUS ED 1 @2<br>VOE @7   | TC COOP ED @7                               |
| 8200130                      | BUS KEY & CAR PLAN<br>Business Keyboarding and Career<br>Planning                           | 6-8                         | /S  |          | BUS ED 1 @2<br>VOE @7   | TC COOP ED @7                               |
| 8200120                      | BUSINESS LEAD SKLS<br>Business Leadership Skills  | 6-8                         | /S  |          | BUS ED 1 @2<br>VOE @7   | TC COOP ED @7                               |
| 8200520                      | CPTR APPL BUS 1<br>Computer Applications in Business 1                                      | 6-8                         | /S  |          | BUS ED 1 @2<br>TC COOP ED @7<br>VOE @7  | COMPU SCI 6<br>ENG&TEC ED 1 @2              |
| 8200220                      | CPTR APPL BUS 1 & CP<br>Computer Applications in Business 1<br>and Career Planning          | 6-8                         | /S  |          | BUS ED 1 @2<br>TC COOP ED @7<br>VOE @7  | COMPU SCI 6<br>ENG&TEC ED 1 @2              |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CAREER AND TECHNICAL EDUCATION   |   |
|------------------------------|---|-----------------------------|---|--------|--|---|
|                              |   |                             |   |        | CERTIFICATION  |   |
| 8200210                      | CPTR APPL BUSINESS 2<br>Computer Applications in Business 2                                       | 6-8                         | /S  |        | BUS ED 1 @2<br>TC COOP ED @7<br>ENG&TEC ED 1 @2  | COMPU SCI 6<br>VOE @7   |
| 8200211                      | CPTR APPL BUSINESS 3<br>Computer Applications in Business 3                                       | 6-8                         | /S  |        | BUS ED 1 @2<br>COMPU SCI 6<br>TC COOP ED @7  | CLERICAL @7 7 G<br>SECRETAR 7 G<br>VOE @7   |
| 8200212                      | CPTR APPL BUSINESS 4<br>Computer Applications in Business 4                                       | 6-8                         | /S  |        | BUS ED 1 @2<br>COMPU SCI 6<br>TC COOP ED @7  | CLERICAL @7 7 G<br>SECRETAR 7 G<br>VOE @7   |
| 8207010                      | EMERG TECH BUSINESS<br>Emerging Technology in Business/<br>Level 2                                | 9-12                        | /Y  | 1.0    | ACCTING @7 7 G<br>BUS DP @7 %G<br>CLERICAL @7 7 G<br>MANAG SUPV @7 %G<br>TC COOP ED T G<br>VOE @7 7 G<br>TEC ELEC @7 7 G | BOOKKEEPIN @4 @7 7 G<br>BUS ED 1 @2<br>COMPU SCI 6<br>SECRETAR 7 G<br>TEC ELEC @7<br>ELECT DP @7 %G<br>MANAG SUPV 7 G |
| 8370350                      | INTRO BUSINESS<br>Introduction to Business, Management<br>and Administration                      | 6-8                         | /S  |        | BUS ED 1 @2<br>VOE @7  | TC COOP ED @7   |
| 8370360                      | INTRO BUSINESS & CP<br>Introduction to Business, Management<br>and Administration/Career Planning | 6-8                         | /S  |        | BUS ED 1 @2<br>VOE @7  | TC COOP ED @7   |
| 8299990                      | BUSINESS ED TRAN<br>Business Education Transfer   | 9-12                        | /   |        | NA   |   |
| B000000                      | BUSINESS ED TRAN<br>Business Education Transfer   | 30, 31                      | /   |        | NA   |   |

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| EDUCATION & TRAINING CAREER CLUSTER |  
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PROFESSIONAL SUPPORT SERVICES CAREER PATH (EDPA)  
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|         |  |      |    |     |   |  |
|---------|--|------|----|-----|---|--|
| 8909000 | PRIN OF TEACHING<br>Principles of Teaching                                   | 9-12 | /  |     |   |  |
| 8909010 | INTRO TEACH PROF<br>Introduction to the Teaching<br>Profession/Level 2       | 9-12 | /Y | 1.0 | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER |  |
| 8909020 | HUMAN GROWTH/DEV<br>Human Growth and Development/Level 2                     | 9-12 | /Y | 1.0 | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER |  |
| 8909030 | FOUND/CURR & INSTRUC<br>Foundations of Curriculum and<br>Instruction/Level 3 | 9-12 | /Y | 1.0 | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER |  |

| PROGRAM/<br>COURSE<br>NUMBER                           | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|--|---|-----------------------------|--|--------|---|
|  |   |                             |  |        |   |
| 8909040  | PRIN TEACHING INTERN<br>Principles of Teaching Internship/<br>Level 2 | 9-12                        | /Y   | 1.0    | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| P131299  | PRIN OF TEACHING<br>Principles of Teaching                            | 30, 31                      | /  |        |   |
| EDG0312  | SUBSTITUTE TEACHER<br>Substitute Teacher                              | 30, 31                      | /Y   | 1.0    | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| EDG0317  | TEACHER ASSISTANT<br>Teacher Assistant                                | 30, 31                      | /Y   | 3.0    | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| -----<br>TEACHING/TRAINING CAREER PATH (EDPC)<br>----- |   |                             |  |        |   |
| V200206  | CHILD CARE CTR OPS<br>Child Care Center Operations                    | 30, 31                      | /  |        |   |
| HEV0160  | CHILD CARE CTR DIR<br>Child Care Center Director                      | 30, 31                      | /Y   |        | CH CARE TR7 G<br>E CHILD E@0<br>FAM CON SC1<br>HME EC OCc7 %7 %G<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B |
| 8405100  | EARLY CHILDHOOD ED<br>Early Childhood Education                       | 9-12                        | /  |        |   |
| 8405110  | EARLY CHILDHOOD ED 1<br>Early Childhood Education 1/Level 2           | 9-12                        | /Y   | 1.0    | E CHILD E@0<br>FAM CON SC1<br>HME EC OCc7<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |
| 8405120  | EARLY CHILDHOOD ED 2<br>Early Childhood Education 2/Level 2           | 9-12                        | /Y   | 1.0    | E CHILD E@0<br>FAM CON SC1<br>HME EC OCc7<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |
| 8405130  | EARLY CHILDHOOD ED 3<br>Early Childhood Education 3/Level 3           | 9-12                        | /Y   | 1.0    | PA<br>E CHILD E@0<br>FAM CON SC1<br>HME EC OCc7<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                  |
| 8405140  | EARLY CHILDHOOD ED 4<br>Early Childhood Education 4/Level 3           | 9-12                        | /Y   | 1.0    | E CHILD E@0<br>FAM CON SC1<br>HME EC OCc7<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| E300100                      | EARLY CHILDHOOD ED<br>Early Childhood Education          | 30, 31                      | /   |        |   |
| HEV0870                      | CHILD CARE WKR 1<br>Child Care Worker 1                  | 30, 31                      | /Y  | 1.0    | CH CARE TR7 G<br>E CHILD E@0<br>FAM CON SC1<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |
| HEV0871                      | CHILD CARE WORKER 2<br>Child Care Worker 2               | 30, 31                      | /Y  | 1.0    | CH CARE TR7 G<br>E CHILD E@0<br>FAM CON SC1<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |
| HEV0872                      | TEACHER AIDE (PRESC)<br>Teacher Aide (Preschool)         | 30, 31                      | /Y PA   | 1.0    | CH CARE TR7 G<br>E CHILD E@0<br>FAM CON SC1<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |
| HEV0873                      | PRESCHOOL TEACHER<br>Preschool Teacher                   | 30, 31                      | /Y  | 1.0    | CH CARE TR7 G<br>E CHILD E@0<br>FAM CON SC1<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B                        |
| V200410                      | FAM CHILD CARE TRAIN<br>Family Child Care Training       | 30, 31                      | /   |        |   |
| HEV0119                      | FAM CHILD CARE PROV<br>Family Child Care Provider        | 30, 31                      | /Y  |        | CH CARE TR7 G<br>E CHILD E@0<br>FAM CON SC1<br>HME EC OCc7 %7 %G<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY ED @B |
| V200310                      | SCH AGE PROF CERT<br>School Age Professional Certificate | 30, 31                      | /   |        |   |
| HEV0112                      | CHILD CARE WKR - SA<br>Child Care Worker - School Age    | 30, 31                      | /S  |        | E CHILD E@0<br>FAM CON SC1<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY E@B<br>ESE 6                                |
| HEV0190                      | SCHOOL AGE CARE PROF<br>School Age Care Professional     | 30, 31                      | /S  | 0.5    | E CHILD E@0<br>FAM CON SC1<br>PK PRIMARYH<br>PRESCH ED L<br>PRIMARY ED @B<br>ESE 6                              |

| PROGRAM/<br>COURSE<br>NUMBER              | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                            | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  |
|---|---|-----------------------------|---|----------|--|
| -----<br>GENERAL PROGRAMS<br>-----        |   |                             |   |          |  |
| 8500310                                   | CHILD DEVELOPMENT<br>Child Development/Level 2                                      | 9-12                        | /S  | 0.5      | E CHILD ED @0<br>PK PRIMARY H<br>PRIMARY ED @B<br>FAM CON SCI 1<br>PRESCH ED L   |
| 8500410                                   | ED & TRAIN - OJT<br>Education and Training Cooperative<br>Education - OJT           | 9-12                        | /M  | MULTIPLE | ANY HOME EC/TC COOP ED E G<br>E CHILD ED @0<br>HME EC OCC c7<br>PRESCH ED L<br>FAM CON SCI 1<br>PK PRIMARY H<br>PRIMARY ED @B  |
| 8500100                                   | ED & TRAINING DS<br>Education and Training Directed Study                           | 9-12                        | /M  | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY HOME ECONOMICS ED G<br>E CHILD ED @0<br>PK PRIMARY H<br>PRIMARY ED @B<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE<br>FAM CON SCI 1<br>PRESCH ED L |
| 8409100                                   | FUND OF CAREER IN ED<br>Fundamentals of Careers in Education                        | 6-8                         | /S  |          | FAM CON SCI 1  |
| 8409200                                   | FUND OF CAREERS & CP<br>Fundamentals of Careers in Education<br>and Career Planning | 6-8                         | /S  |          | FAM CON SCI 1  |
| 8440350                                   | INTRO ED & TRAIN<br>Introduction to Education and Training                          | 6-8                         | /S  |          | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>E CHILD ED @0<br>PK PRIMARY H<br>PRIMARY ED @B<br>FAM CON SCI 1<br>PRESCH ED L  |
| -----<br>APPRENTICESHIP PROGRAMS<br>----- |   |                             |   |          |  |
| V20021R                                   | EARLY CHILD ED-APPR<br>Early Childhood Education -<br>Apprenticeship                | 30, 31                      | /   |          |  |

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|ENERGY CAREER CLUSTER|  
-----ENERGY  
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|         |   |        |    |     |                                    |
|---------|---|--------|----|-----|------------------------------------|
| X100100 | ELEC LINWORKER<br>Electrical Lineworker     | 30, 31 | /  |     |                                    |
| BCV0666 | ELEC LINWORKER 1<br>Electrical Lineworker 1 | 30, 31 | /Y | 3.5 | ELECTRICA@7 7 G<br>TEC ELEC @7 7 G |
| BCV0668 | ELEC LINWORKER 2<br>Electrical Lineworker 2 | 30, 31 | /Y | 3.5 | ELECTRICA@7 7 G<br>TEC ELEC @7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL               | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |    |    | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|----|----|---------------|
|                              |  |                             |  |        | COURSES MEETING |    |    |               |
| BCV0669                      | ELEC LINeworker 3<br>Electrical Lineworker 3                           | 30, 31                      | /Y   | 2.5    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | TEC ELEC @7     | 7  | G  |               |
| 9700200                      | ENERGY GENERATION TE<br>Energy Generation Technici an                  | 9- 12                       | /  |        |                 |    |    |               |
| 8006110                      | ENERGY INDUSTRY FUND<br>Energy Industry Fundamentals/Level 3           | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
|                              |  |                             |  |        | AGRI            | 1  | @2 |               |
| 8006120                      | INTRO TO ALT ENERGY<br>Introduction To Alternative Energy<br>- Level 3 | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             | EQ   |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
|                              |  |                             |  |        | AGRI            | 1  | @2 |               |
|                              |  |                             |  |        | SCIENCE         | 4  |    |               |
|                              |  |                             |  |        | PHYSICS         | 1  | @4 |               |
|                              |  |                             |  |        | CHEM            | 1  |    |               |
|                              |  |                             |  |        | ERTH/SPA S1     |    |    |               |
| 9700210                      | ENERGY GENERATION TE<br>Energy Generation Technici an/Level 3          | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
| 9700300                      | ENERGY TECHNICIAN<br>Energy Technici an                                | 9- 12                       | /  |        |                 |    |    |               |
| 8006110                      | ENERGY INDUSTRY FUND<br>Energy Industry Fundamentals/Level 3           | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
|                              |  |                             |  |        | AGRI            | 1  | @2 |               |
| 8727210                      | ELECTRICITY 1<br>Electricity 1/Level 2                                 | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
| 8006120                      | INTRO TO ALT ENERGY<br>Introduction To Alternative Energy<br>- Level 3 | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             | EQ   |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
|                              |  |                             |  |        | AGRI            | 1  | @2 |               |
|                              |  |                             |  |        | SCIENCE         | 4  |    |               |
|                              |  |                             |  |        | PHYSICS         | 1  | @4 |               |
|                              |  |                             |  |        | CHEM            | 1  |    |               |
|                              |  |                             |  |        | ERTH/SPA S1     |    |    |               |
| 8727220                      | ELECTRICITY 2<br>Electricity 2/Level 2                                 | 9- 12                       | /Y   | 1.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
| X600600                      | ENERGY TECHNICIAN<br>Energy Technici an                                | 30, 31                      | /  |        |                 |    |    |               |
| ETP0090                      | ENERGY TECHNICIAN 1<br>Energy Technici an 1                            | 30, 31                      | /Y   | 2.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |
| ETP0091                      | ENERGY TECHNICIAN 2<br>Energy Technici an 2                            | 30, 31                      | /Y   | 2.0    | ELECTRICA@7     | 7  | G  |               |
|                              |  |                             |  |        | IND ENGR        | 7  | G  |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |    |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                    | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|---|-----------------------------|--|--------|--|
|                              |   |                             |  |        |  |
| X500200                      | NATURAL GAS OPS&DIST<br>Natural Gas Operations and<br>Distribution                          | 30, 31                      | /  |        |  |
| TRA0650                      | NATURAL GAS DIST 1<br>Natural Gas Operations and<br>Distribution 1                          | 30, 31                      | /Y   | 1.0    | NATGASTEC 7 G  |
| TRA0651                      | NATURAL GAS DIST 2<br>Natural Gas Operations and<br>Distribution 2                          | 30, 31                      | /Y   | 1.0    | NATGASTEC 7 G  |
| TRA0652                      | NATURAL GAS DIST 3<br>Natural Gas Operations and<br>Distribution 3                          | 30, 31                      | /Y   | 1.0    | NATGASTEC 7 G  |
| PMT0070                      | WELDER ASSISTANT 1<br>Welder Assistant 1  | 30, 31                      | /Y   | PA     | 1.0 METAL WORK7 G<br>WELDING @7 7 G  |
| PMT0071                      | WELDER ASSISTANT 2<br>Welder Assistant 2  | 30, 31                      | /Y   | PA     | 1.0 METAL WORK7 G<br>WELDING @7 7 G  |
| TRA0086                      | TRACTOR OPERATOR<br>Tractor Operator  | 30, 31                      | /Y   |        | 1.0 OPER ENGR@7 7 G  |
| TRA0080                      | TRACTOR TRAIL TRK DR<br>Tractor Trailer Truck Driver  | 30, 31                      | /Y   |        | 2.0 COMM DRIV@7 7 G  |
| 8006100                      | SOLAR ENERGY TECH<br>Solar Energy Technology  | 9-12                        | /  |        |  |
| 8006110                      | ENERGY INDUSTRY FUND<br>Energy Industry Fundamentals/Level 3                                | 9-12                        | /Y   | 1.0    | ELECTRICA@7 7 G<br>IND ENGR 7 G<br>ENG&TEC ED1 @2<br>AGRI 1 @2   |
| 8006120                      | INTRO TO ALT ENERGY<br>Introduction To Alternative Energy<br>- Level 3                      | 9-12                        | /Y   | EQ     | 1.0 ELECTRICA@7 7 G<br>IND ENGR 7 G<br>ENG&TEC ED1 @2<br>AGRI 1 @2<br>SCIENCE 4<br>PHYSICS 1 @4<br>CHEM 1<br>ERTH/SPA S1 |
| 8006130                      | SOLAR ENERGY TECH<br>Solar Energy Technician - Level 3                                      | 9-12                        | /Y   | 1.0    | ELECTRICA@7 7 G<br>IND ENGR 7 G<br>ENG&TEC ED1 @2  |
| X600400                      | SOLAR PHOTO SYS DSGN<br>Solar Photovoltaic System Design,<br>Installation and Maintenance   | 30, 31                      | /  |        |  |
| EEV0205                      | SOLAR PHOTO HELPER<br>Solar Photovoltaic System<br>Installation and Maintenance Helper      | 30, 31                      | /Y   | 1.0    | AC HEAT M@7 7 G<br>BLDG CONS@7 7 G<br>BLDG MAIN@7 7 G<br>ELECTRICA@7 7 G<br>TEC CONST@7 7 G                              |
| EEV0206                      | SOLAR PHOTO TECH<br>Solar Photovoltaic System<br>Installation and Maintenance<br>Technician | 30, 31                      | /Y   | 3.0    | AC HEAT M@7 7 G<br>BLDG CONS@7 7 G<br>BLDG MAIN@7 7 G<br>ELECTRICA@7 7 G<br>TEC CONST@7 7 G                              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER   | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING                                    |          |         | CERTIFICATION |
|--------------------------------|---|-----------------------------|--|----------|--|----------|---------|---------------|
|                                |   |                             |  |          | TECHNICAL  | ACADEMIC | GENERAL |               |
| <sup>a</sup> X600500           | TURB GEN MAINT, INSP<br>Turbine Generator Maintenance,<br>Inspection and Repair | 30, 31                      | /  |          |  |          |         |               |
| EEV0140                        | TURB GEN MAINT TE I<br>Turbine Generator Maintenance<br>Technician I            | 30, 31                      | /Y   | 3.0      | BLDG CONS@7  | 7        | G       |               |
|                                |   |                             |  |          | IND ENGR   | 7        | G       |               |
|                                |   |                             |  |          | MI LLWRIGHT7                                       | 7        | G       |               |
|                                |   |                             |  |          | TEC CONST@7  | 7        | G       |               |
| EEV0141                        | TURB GEN MAINT TE II<br>Turbine Generator Maintenance<br>Technician II          | 30, 31                      | /Y   | 3.0      | BLDG CONS@7  | 7        | G       |               |
|                                |   |                             |  |          | IND ENGR   | 7        | G       |               |
|                                |   |                             |  |          | MI LLWRIGHT7                                       | 7        | G       |               |
|                                |   |                             |  |          | TEC CONST@7  | 7        | G       |               |
| <sup>a</sup> EEV0142           | TURB GEN MAINT MECH<br>Turbine Generator Maintenance<br>Mechanic                | 30, 31                      | /Y   | 3.0      | BLDG CONS@7  | 7        | G       |               |
|                                |   |                             |  |          | IND ENGR   | 7        | G       |               |
|                                |   |                             |  |          | MI LLWRIGHT7                                       | 7        | G       |               |
|                                |   |                             |  |          | TEC CONST@7  | 7        | G       |               |
| ENERGY - SUPPLEMENTAL PROGRAMS |   |                             |  |          |  |          |         |               |
| -----                          |   |                             |  |          |  |          |         |               |
| 9700420                        | ENERGY OJT<br>Energy Cooperative Education - OJT                                | 9-12                        | /M   | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |          |         |               |
| 9701000                        | ENERGY DIRECTED ST<br>Energy Directed Study                                     | 11-12                       | /M   | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |          |         |               |
| 9790300                        | FUND OF ENERGY<br>Fundamentals of Energy  | 6-8                         | /S   |          | ELECTRICAL   | @7       | 7       | G             |
|                                |   |                             |  |          | ENG&TEC ED   | 1        | @2      |               |
| 9709350                        | INTRO TO ENERGY<br>Introduction to Energy                                       | 6-8                         | /S   |          | ELECTRICAL   | @7       | 7       | G             |
|                                |   |                             |  |          | ENG&TEC ED   | 1        | @2      |               |
| 9709360                        | INTRO TO ENERGY & CP<br>Introduction to Energy and Career<br>Planning           | 6-8                         | /S   |          | ELECTRICAL   | @7       | 7       | G             |
|                                |   |                             |  |          | ENG&TEC ED   | 1        | @2      |               |
| APPRENTICESHIP PROGRAMS        |   |                             |  |          |  |          |         |               |
| -----                          |   |                             |  |          |  |          |         |               |
| X50010R                        | ELEC METER RPR-APP<br>Electric Meter Repairer -<br>Apprenticeship               | 30, 31                      | /  |          |  |          |         |               |
| I46030R                        | ELEC LINESER&RPR-APP<br>Electrical Line Service and Repair<br>- Apprenticeship  | 30, 31                      | /  |          |  |          |         |               |

| PROGRAM/<br>COURSE<br>NUMBER  | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|---|---|-----------------------------|--|--------|---|
| -----<br> ENGINEERING & TECHNOLOGY EDUCATION CAREER CLUSTER <br>----- |   |                             |  |        |   |
| ENGINEERING & TECHNOLOGY CAREER PATH (SCPA)<br>-----                  |   |                             |  |        |   |
| 8601900   | ADV TECHNOLOGY APPS<br>Advanced Technology Applications/<br>Level 3 | 9-12                        | /M PA                                      | 3.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE        |
| 8600080   | AEROSPACE TECHS<br>Aerospace Technologies                           | 9-12                        | /  |        |   |
| 8600580   | AEROSPACE TECH 1<br>Aerospace Technologies 1/Level 3                | 9-12                        | /Y EQ                                      | 1.0    | AEROSPACE 7 G<br>ENG 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 8600680   | AEROSPACE TECH 2<br>Aerospace Technologies 2/Level 3                | 9-12                        | /Y EQ                                      | 1.0    | AEROSPACE 7 G<br>ENG 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 8601780   | AEROSPACE TECH 3<br>Aerospace Technologies 3/Level 3                | 9-12                        | /Y EQ                                      | 1.0    | AEROSPACE 7 G<br>ENG 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 8401100   | APPLD ENGINEER TECH<br>Applied Engineering Technology               | 9-12                        | /  |        |   |
| 8401110   | APPLD ENG TECH 1<br>Applied Engineering Technology 1/<br>Level 3    | 9-12                        | /Y PA                                      | 1.0    | ENG 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2                  |
| 8401120   | APPLD ENG TECH 2<br>Applied Engineering Technology 2/<br>Level 3    | 9-12                        | /Y   | 1.0    | ENG 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2                  |
| 8401130   | APPLD ENG TECH 3<br>Applied Engineering Technology 3/<br>Level 3    | 9-12                        | /Y PA                                      | 1.0    | ENG 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2                  |
| 9410100   | APPLIED ROBOTICS<br>Applied Robotics                                | 9-12                        | /  |        |   |
| 9410110   | FOUND OF ROBOTICS<br>Foundations of Robotics/Level 3                | 9-12                        | /Y PA                                      | 1.0    | ENG 7 G<br>ENG TEC 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |
| 9410120   | ROBOTIC DESIGN ESS<br>Robotic Design Essentials/Level 3             | 9-12                        | /Y PA                                      | 1.0    | ENG 7 G<br>ENG TEC 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |
| 9410130   | ROBOTIC SYSTEMS<br>Robotic Systems/Level 3                          | 9-12                        | /Y PA                                      | 1.0    | ENG 7 G<br>ENG TEC 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |     |
|------------------------------|--|-----------------------------|--|--------|---------------|-----------------|-----|
|                              |  |                             |  |        |               | ENG             | TEC |
| 9410140                      | ROBOTIC APPL CAP<br>Robotic Applications Capstone/Level 3            | 9-12                        | /Y PA                                      | 1.0    |               | ENG             | 7 G |
|                              |  |                             |  |        |               | ENG TEC         | 7 G |
|                              |  |                             |  |        |               | ROBOTICS        | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8601000                      | COMMUNICATIONS TECH<br>Communications Technology                     | 9-12                        | /  |        |               |                 |     |
| 8601010                      | COMMUNICATION TECH 1<br>Communications Technology 1/Level 3          | 9-12                        | /Y PA                                      | 1.0    |               | COMM ART @7     | 7 G |
|                              |  |                             |  |        |               | GRAPH ART@4     |     |
|                              |  |                             |  |        |               | PRINTING @7     | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8601020                      | COMMUNICATION TECH 2<br>Communications Technology 2/Level 3          | 9-12                        | /Y PA                                      | 1.0    |               | COMM ART @7     | 7 G |
|                              |  |                             |  |        |               | GRAPH ART@4     |     |
|                              |  |                             |  |        |               | PRINTING @7     | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8601030                      | COMMUNICATION TECH 3<br>Communications Technology 3/Level 3          | 9-12                        | /Y PA                                      | 1.0    |               | COMM ART @7     | 7 G |
|                              |  |                             |  |        |               | GRAPH ART@4     |     |
|                              |  |                             |  |        |               | PRINTING @7     | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8600900                      | ELECTRONICS TECH<br>Electronics Technology                           | 9-12                        | /  |        |               |                 |     |
| 8600910                      | ELECTRONICS TECH 1<br>Electronics Technology 1/Level 3               | 9-12                        | /Y   | 1.0    |               | ELECTRICA@7     | 7 G |
|                              |  |                             |  |        |               | ELECTRONI@7     | 7 G |
|                              |  |                             |  |        |               | ENG             | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
|                              |  |                             |  |        |               | TEC ELEC @7     | 7 G |
| 8600920                      | ELECTRONICS TECH 2<br>Electronics Technology 2/Level 3               | 9-12                        | /Y   | 1.0    |               | ELECTRICA@7     | 7 G |
|                              |  |                             |  |        |               | ELECTRONI@7     | 7 G |
|                              |  |                             |  |        |               | ENG             | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
|                              |  |                             |  |        |               | TEC ELEC @7     | 7 G |
| 8600930                      | ELECTRONICS TECH 3<br>Electronics Technology 3/Level 3               | 9-12                        | /Y   | 1.0    |               | ELECTRICA@7     | 7 G |
|                              |  |                             |  |        |               | ELECTRONI@7     | 7 G |
|                              |  |                             |  |        |               | ENG             | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
|                              |  |                             |  |        |               | TEC ELEC @7     | 7 G |
| 9400300                      | ENGINEERING PATHWAYS<br>Engineering Pathways                         | 9-12                        | /  |        |               |                 |     |
| 8600550                      | INTROD ENGR DESIGN<br>Introduction to Engineering Design/<br>Level 3 | 9-12                        | /Y PA                                      | 1.0    |               | ENG             | 7 G |
|                              |  |                             |  |        |               | PLTW PTE        | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8600520                      | PRIN OF ENGINEERING<br>Principles of Engineering/Level 3             | 9-12                        | /Y PA                                      | 1.0    |               | ENG             | 7 G |
|                              |  |                             |  |        |               | PLTW PTE        | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8600530                      | DIGITAL ELECTRONICS<br>Digital Electronics/Level 3                   | 9-12                        | /Y PA                                      | 1.0    |               | ENG             | 7 G |
|                              |  |                             |  |        |               | PLTW PTE        | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |
| 8600560                      | COMP INTG MAN<br>Computer Integrated Manufacturing/<br>Level 3       | 9-12                        | /Y PA                                      | 1.0    |               | ENG             | 7 G |
|                              |  |                             |  |        |               | PLTW PTE        | 7 G |
|                              |  |                             |  |        |               | ENG&TEC ED1     | @2  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |         |
|------------------------------|---|-----------------------------|---|--------|---------------|-----------------|---------|
|                              |   |                             |   |        |               | ENG             | TEC     |
| 8600590                      | CIV ENGR & ARCH<br>Civil Engineering and Architecture/<br>Level 3     | 9-12                        | /Y PA   | 1.0    |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | PLTW PTE        | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8600620                      | AEROSPACE ENGINEER<br>Aerospace Engineering/Level 3                   | 9-12                        | /Y PA   | 1.0    |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | PLTW PTE        | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8600630                      | BIOTECH ENGINEERING<br>Biotechnical Engineering/Level 3               | 9-12                        | /Y PA   | 1.0    |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | PLTW PTE        | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8600650                      | ENGR DESIGN & DEV<br>Engineering Design and Development/<br>Level 3   | 9-12                        | /Y PA   | 1.0    |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | PLTW PTE        | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8404100                      | MARITIME TECHNOLOGY<br>Maritime Technology                            | 9-12                        | /   |        |               |                 |         |
| 8404110                      | MARITIME 1<br>Maritime 1/Level 3                                      | 9-12                        | /Y  | 1.0    |               | SEAMANSHIP      | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8404120                      | MARITIME 2<br>Maritime 2/Level 3                                      | 9-12                        | /Y  | 1.0    |               | SEAMANSHIP      | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8404130                      | MARITIME 3<br>Maritime 3/Level 3                                      | 9-12                        | /Y  | 1.0    |               | SEAMANSHIP      | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8404140                      | MARITIME 4<br>Maritime 4/Level 3                                      | 9-12                        | /Y  | 1.0    |               | SEAMANSHIP      | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8601100                      | MAT & PROCS TECH<br>Materials and Processes Technology                | 9-12                        | /   |        |               |                 |         |
| 8601110                      | MAT & PROCS TECH 1<br>Materials and Processes Technology<br>1/Level 2 | 9-12                        | /Y PA   | 1.0    |               | CAB WOODW@      | 7 7 G   |
|                              |   |                             |   |        |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8601120                      | MAT & PROCS TECH 2<br>Materials and Processes Technology<br>2/Level 2 | 9-12                        | /Y PA   | 1.0    |               | CAB WOODW@      | 7 7 G   |
|                              |   |                             |   |        |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8601130                      | MAT & PROCS TECH 3<br>Materials and Processes Technology<br>3/Level 3 | 9-12                        | /Y PA   | 1.0    |               | CAB WOODW@      | 7 7 G   |
|                              |   |                             |   |        |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
| 8601300                      | POWER & ENERGY TECH<br>Power and Energy Technology                    | 9-12                        | /   |        |               |                 |         |
| 8601310                      | POWER & ENERGY TECH1<br>Power and Energy Technology 1/Level 2         | 9-12                        | /Y  | 1.0    |               | AIR MECH @      | 7 7 G   |
|                              |   |                             |   |        |               | AUTO IND @      | 7 %7 %G |
|                              |   |                             |   |        |               | AUTO MECH@      | 7 7 G   |
|                              |   |                             |   |        |               | DI ESEL ME@     | 7 7 G   |
|                              |   |                             |   |        |               | ENG             | 7 G     |
|                              |   |                             |   |        |               | GASENG RP@      | 7 7 G   |
|                              |   |                             |   |        |               | ENG&TEC         | ED1 @2  |
|                              |   |                             |   |        |               | TEC MECH        | 7 G     |
|                              |   |                             |   |        |               | TRANSPORT       | 7 G     |



## SECTION 5

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                 | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| 8601320                      | POWER & ENERGY TECH2<br>Power and Energy Technology 2/Level 2            | 9-12                        | /Y  | 1.0    | AIR MECH @7 7 G<br>AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G<br>DI ESEL ME@7 7 G<br>ENG 7 G<br>GASENG RP@7 7 G<br>ENG&TEC ED1 @2<br>TEC MECH 7 G<br>TRANSPORT 7 G  |
| 8601330                      | POWER & ENERGY TECH3<br>Power and Energy Technology 3/Level 3            | 9-12                        | /Y  | 1.0    | AIR MECH @7 7 G<br>AUTO IND @7 @7 %G<br>AUTO MECH@7 7 G<br>DI ESEL ME@7 7 G<br>ENG 7 G<br>GASENG RP@7 7 G<br>ENG&TEC ED1 @2<br>TEC MECH 7 G<br>TRANSPORT 7 G  |
| 8604000                      | PRODUCTION TECH<br>Production Technology                                 | 9-12                        | /   |        |   |
| 8600540                      | PRODUCTION TECH 1<br>Production Technology 1/Level 2                     | 9-12                        | /Y PA   | 1.0    | ENG 7 G<br>ENG&TEC ED1 @2<br>AUTO PROD 7 G<br>ENG TEC 7 G   |
| 8600640                      | PRODUCTION TECH 2<br>Production Technology 2/Level 2                     | 9-12                        | /Y PA   | 1.0    | ENG 7 G<br>ENG&TEC ED1 @2<br>AUTO PROD 7 G<br>ENG TEC 7 G   |
| 8601740                      | PRODUCTION TECH 3<br>Production Technology 3/Level 3                     | 9-12                        | /Y PA   | 1.0    | ENG 7 G<br>ENG&TEC ED1 @2<br>AUTO PROD 7 G<br>ENG TEC 7 G   |
| 9400100                      | SCIENTIFIC VISUALIZ<br>Scientific Visualization                          | 9-12                        | /   |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2          | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 9400110                      | PRIN SCIEN VISUALIZ<br>Principles of Scientific<br>Visualization/Level 3 | 9-12                        | /Y  | 1.0    | COMPU SCI 6<br>ENG 7 G<br>SCI VIZ 7 G<br>ENG&TEC ED1 @2   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                            | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|---|-----------------------------|---|--------|--|
|                              |   |                             |   |        |  |
| 9400120                      | DATA MODELING<br>Data Modeling/Level 3  | 9-12                        | /Y PA   | 1.0    | COMPU SCI 6<br>ENG 7 G<br>SCI VIZ 7 G<br>ENG&TEC ED1 @2  |
| 9400130                      | ADV APPS SCI VISUAL<br>Advanced Applications in Scientific<br>Visualization/Level 3 | 9-12                        | /Y PA   | 1.0    | COMPU SCI 6<br>ENG 7 G<br>SCI VIZ 7 G<br>ENG&TEC ED1 @2  |
| 9400140                      | SCIVIZ INTERNSHIP<br>Scientific Visualization Internship<br>/Level 2                | 9-12                        | /Y  | 1.0    | COMPU SCI 6<br>ENG 7 G<br>SCI VIZ 7 G<br>ENG&TEC ED1 @2  |
| 8401000                      | TECHNICAL DESIGN<br>Techni cal Design   | 9-12                        | /   |        |  |
| 8401010                      | TECHNICAL DESIGN 1<br>Techni cal Design 1/Level 3                                   | 9-12                        | /Y PA   | 1.0    | DRAFTING @7 7 G<br>ENG 7 G<br>GRAPH ART@4<br>ENG&TEC ED1 @2  |
| 8401020                      | TECHNICAL DESIGN 2<br>Techni cal Design 2/Level 3                                   | 9-12                        | /Y PA   | 1.0    | DRAFTING @7 7 G<br>ENG 7 G<br>GRAPH ART@4<br>ENG&TEC ED1 @2  |
| 8401030                      | TECHNICAL DESIGN 3<br>Techni cal Design 3/Level 3                                   | 9-12                        | /Y PA   | 1.0    | DRAFTING @7 7 G<br>ENG 7 G<br>GRAPH ART@4<br>ENG&TEC ED1 @2  |
| 9400900                      | TECHNOLOGICAL SYS<br>Technol ogi cal Systems  | 9-12                        | /   |        |  |
| 8600410                      | COMMUNICATION SYSTEM<br>Communi cations Systems/Level 2                             | 9-12                        | /S PA   | 0.5    | ENG&TEC ED1 @2<br>GRAPH ART@4<br>COMM ART @7 7 G<br>PRINTING @7 7 G<br>ENG 7 G   |
| 8600420                      | POWER TRANS SYSS<br>Power and Transportation Systems/<br>Level 2                    | 9-12                        | /S  | 0.5    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G<br>AIR MECH @7 7 G<br>ENG&TEC ED1 @2<br>TEC MECH 7 G<br>GASENG RP@7 7 G<br>TRANSPORT 7 G<br>ENG 7 G |
| 8600430                      | PRODUCTION SYSTEMS<br>Production Systems/Level 2                                    | 9-12                        | /S  | 0.5    | DI ESEL ME@7 7 G<br>ENG&TEC ED1 @2<br>AUTO PROD 7 G<br>ENG 7 G<br>ENG TEC 7 G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL          | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |   |
|------------------------------|---|-----------------------------|--|--------|---------------|-----------------|---|
|                              |   |                             |  |        |               | PA              | ED1 @2  |
| 8600440                      | TECH DESIGN SYSTEMS<br>Technical Design Systems/Level 2           | 9-12                        | /S   | 0.5    |               | PA              | ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>GRAPH ART@4<br>DRAFTING @7 7 G  |
| 8600450                      | ELECTRONICS SYSTEMS<br>Electronics Systems/Level 2                | 9-12                        | /S   | 0.5    |               |                 | ELECTRONI@7 7 G<br>ENG&TEC ED1 @2<br>TEC ELEC @7 7 G<br>ENG 7 G<br>ELECTRI CA@7 7 G<br>ENG TEC 7 G                                      |
| 8600460                      | ENGINEERING SYSTEMS<br>Engineering Systems/Level 2                | 9-12                        | /S   | 0.5    |               |                 | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G  |
| 8600470                      | APPLIED TECH SYSS<br>Applied Technology Systems/Level 2           | 9-12                        | /S   | 0.5    |               |                 | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G  |
| 8600480                      | CONSTRUCT TECH SYS<br>Construction Technology Systems/<br>Level 2 | 9-12                        | /S   | 0.5    |               |                 | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G<br>BLDG CONS@7 7 G<br>BLDG MAIN@7 7 G<br>DRAFTING @7 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G |
| 9400910                      | AEROSPACE TECH SYS<br>Aerospace Technology Systems/Level 2        | 9-12                        | /S   | 0.5    |               |                 | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G<br>AEROSPACE 7 G   |
| 9400920                      | ROBOTICS SYSTEMS<br>Robotics Systems/Level 2                      | 9-12                        | /S   | 0.5    |               | PA              | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G<br>ROBOTICS 7 G  |
| 8600100                      | TECHNOLOGY STUDIES<br>Technology Studies                          | 9-12                        | /  |        |               |                 |   |
| 8600510                      | TECH STUDIES 1<br>Technology Studies 1/Level 2                    | 9-12                        | /Y   | 1.0    |               | PA              | ENG 7 G<br>ENG&TEC ED1 @2   |
| 8600610                      | TECH STUDIES 2<br>Technology Studies 2/Level 2                    | 9-12                        | /Y   | 1.0    |               | PA              | ENG 7 G<br>ENG&TEC ED1 @2   |
| 8601710                      | TECH STUDIES 3<br>Technology Studies 3/Level 2                    | 9-12                        | /Y   | 1.0    |               | PA              | ENG 7 G<br>ENG&TEC ED1 @2   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING   |              | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|---|--------------|---------------|
|                              |  |                             |  |        | COURSES MEETING   | SUBJECT AREA |               |
| 8601200                      | TRANSPORTATION TECH<br>Transportation Technology         | 9-12                        | /  |        |   |              |               |
| 8601210                      | TRANS TECH 1<br>Transportation Technology 1/Level 2      | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G<br>DIESEL ME@7 7 G<br>ENG 7 G<br>GASENG RP@7 7 G<br>ENG&TEC ED1 @2<br>TRANSPORT 7 G |              |               |
| 8601220                      | TRANS TECH 2<br>Transportation Technology 2/Level 2      | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G<br>DIESEL ME@7 7 G<br>ENG 7 G<br>GASENG RP@7 7 G<br>ENG&TEC ED1 @2<br>TRANSPORT 7 G |              |               |
| 8601230                      | TRANS TECH 3<br>Transportation Technology 3/Level 3      | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G<br>DIESEL ME@7 7 G<br>ENG 7 G<br>GASENG RP@7 7 G<br>ENG&TEC ED1 @2<br>TRANSPORT 7 G |              |               |
| 8601800                      | WORK-BASED EXP<br>Work-Based Experience/Level 2          | 9-12                        | /M   | 3.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |              |               |

## GENERAL PROGRAMS

|         |   |     |    |  |   |  |  |
|---------|---|-----|----|--|---|--|--|
| 8600042 | EX OF PDCT TECH & CP<br>Exploration of Production Technology<br>and Career Planning | 6-8 | /S |  | BLDG CONST @7 7 G<br>CARPENTRY @7 7 G<br>TEC CONSTR @7 7 G<br>AUTO PROD 7 G<br>METAL WORK 7 G | BLDG MAINT @7 7 G<br>ENG 7 G<br>ENG&TEC ED 1 @2<br>ENG TEC 7 G<br>PLTW PTE 7 G |  |
| 8600220 | EXPLO TECH & CAR PLA<br>Exploring Technology and Career<br>Planning                 | 6-8 | /S |  | ENG 7 G<br>ENG TEC 7 G  | ENG&TEC ED 1 @2<br>PLTW PTE 7 G  |  |
| 8600000 | INTEGRATED TECH ST<br>Integrated Technology Studies                                 | 6-8 | /  |  |   |  |  |
| 8600010 | INTRÓD TO TECH<br>Introduction to Technology  | 6-8 | /S |  | ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>PLTW PTE 7 G                                      |  |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--|---------------|
|                              |   |                             |  |  |               |
| 8600020                      | EXPLOR TECH<br>Exploring Technology                                   | 6-8                         | /S   | ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>PLTW PTE 7 G<br>TRANSPORT 7 G  |               |
| 8600030                      | EXPLOR COMM TECH<br>Exploration of Communications<br>Technology       | 6-8                         | /S   | ENG&TEC ED1 @2<br>GRAPH ART@4<br>COMM ART @7 7 G<br>PRINTING @7 7 G<br>ENG 7 G   |               |
| 8600040                      | EXPLOR OF PROD TECH<br>Exploration of Production Technology           | 6-8                         | /S   | METAL WORK7 G<br>ENG 7 G<br>ENG&TEC ED1 @2<br>AUTO PROD 7 G<br>CARPENTRY@7 7 G<br>TEC CONST@7 7 G<br>BLDG MAIN@7 7 G<br>BLDG CONS@7 7 G<br>ENG TEC 7 G<br>PLTW PTE 7 G |               |
| 8600050                      | EXPLOR AEROSPACE TEC<br>Exploration of Aerospace Technology           | 6-8                         | /S   | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>PLTW PTE 7 G<br>ENG 7 G<br>AEROSPACE 7 G<br>TRANSPORT 7 G   |               |
| 8600240                      | EX OF TRANS TECH<br>Exploration of Transportation<br>Technology       | 6-8                         | /S   | ENG&TEC ED1 @2<br>ENG 7 G<br>AUTO MECH@7 7 G<br>DIESEL ME@7 7 G<br>GASENG RP@7 7 G<br>AUTO IND @7 %7 %G<br>TRANSPORT 7 G<br>AIR MECH @7 7 G<br>TEC MECH 7 G            |               |
| 8600250                      | EX POWER & ENGR TECH<br>Exploration of Power and Energy<br>Technology | 6-8                         | /S   | ENG&TEC ED1 @2<br>TRANSPORT 7 G<br>AUTO MECH@7 7 G<br>GASENG RP@7 7 G<br>DIESEL ME@7 7 G<br>ENG 7 G<br>TEC MECH 7 G<br>AUTO IND @7 %7 %G                               |               |
| 8600060                      | EX ENGINEERING TECH<br>Exploration of Engineering Technology          | 6-8                         | /S   | ENG&TEC ED1 @2<br>PLTW PTE 7 G<br>ENG 7 G<br>ENG TEC 7 G   |               |
| 8600070                      | EX ROBOTICS TECH<br>Exploration of Robotics Technology                | 6-8                         | /S   | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G<br>ROBOTICS 7 G   |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                 | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|--|--------|--|
|                              |  |                             |  |        |  |
| 8600090                      | EX TECH DSGN TECH<br>Exploration of Technical Design<br>Technology                       | 6-8                         | /S   |        | ENG&TEC ED1 @2<br>ENG 7 G<br>DRAFTING @7 7 G<br>GRAPH ART@4<br>ENG TEC 7 G<br>PLTW PTE 7 G   |
| 8600091                      | EX ELECTRONICS TECH<br>Exploration of Electronics Technology                             | 6-8                         | /S   |        | ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>ELECTRONI@7 7 G<br>TEC ELEC @7 7 G<br>ELECTRICA@7 7 G<br>PLTW PTE 7 G  |
| 8600092                      | EX MARITIME TECH<br>Exploration of Maritime Technology                                   | 6-8                         | /S   |        | ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>SEAMANSHIP7 G  |
| 8600093                      | EX LOG &SUPPLY CHAIN<br>Exploration of Logistics and Supply<br>Chain Technology          | 6-8                         | /S   |        | ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>LOG TECH 7 G   |
| 8600094                      | EX GREEN CONST & ARC<br>Exploration of Green Construction<br>and Architecture Technology | 6-8                         | /S   |        | BUS ED 1<br>ENG&TEC ED1 @2<br>ENG 7 G<br>BLDG CONS@7 7 G<br>BLDG MAIN@7 7 G<br>ENG TEC 7 G<br>TEC DRAFT 7 G<br>TEC CONST@7 7 G<br>CARPENTRY@7 7 G<br>DRAFTING @7 7 G<br>PLTW PTE 7 G |
| 8600360                      | INT TECH ST & CP<br>Integrated Technology Studies and<br>Career Planning                 | 6-8                         | /  |        |  |
| 8600012                      | INTRO TEC & CAR PLA<br>Introduction to Technology and<br>Career Planning                 | 6-8                         | /S   |        | ENG&TEC ED1 @2<br>ENG TEC 7 G<br>ENG 7 G<br>PLTW PTE 7 G   |
| 8600220                      | EXPLO TECH & CAR PLA<br>Exploring Technology and Career<br>Planning                      | 6-8                         | /S   |        | ENG 7 G<br>ENG&TEC ED1 @2<br>ENG TEC 7 G<br>PLTW PTE 7 G   |
| 8600032                      | EX COMM TECH & CP<br>Exploration of Communications<br>Technology and Career Planning     | 6-8                         | /S   |        | ENG&TEC ED1 @2<br>PRINTING @7 7 G<br>GRAPH ART@4<br>COMM ART @7 7 G<br>ENG 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                  | GRADE LEVEL/<br>CRSE LENGTH | /S | CREDIT | CAREER AND TECHNICAL EDUCATION                                |               |
|------------------------------|---|-----------------------------|----|--------|---|---------------|
|                              |   |                             |    |        | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CERTIFICATION |
| 8600042                      | EX OF PDCT TECH & CP<br>Exploration of Production Technology<br>and Career Planning       | 6-8                         | /S |        | BLDG CONS@7   | 7 G           |
|                              |   |                             |    |        | BLDG MAIN@7   | 7 G           |
|                              |   |                             |    |        | CARPENTRY@7   | 7 G           |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | TEC CONST@7   | 7 G           |
|                              |   |                             |    |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | AUTO PROD   | 7 G           |
|                              |   |                             |    |        | ENG TEC   | 7 G           |
|                              |   |                             |    |        | METAL WORK7   | G             |
|                              |   |                             |    |        | PLTW PTE  | 7 G           |
|                              |   |                             |    |        | ENG&TEC ED1 @2  |               |
| 8600052                      | EX AERO TECH & CP<br>Exploration of Aerospace Technology<br>and Career Planning           | 6-8                         | /S |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | ENG TEC   | 7 G           |
|                              |   |                             |    |        | PLTW PTE  | 7 G           |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | AEROSPACE   | 7 G           |
| 8600242                      | EX TRANS TECH & CP<br>Exploration of Transportation<br>Technology and Career Planning     | 6-8                         | /S |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | AUTO MECH@7   | 7 G           |
|                              |   |                             |    |        | DI ESEL ME@7  | 7 G           |
|                              |   |                             |    |        | GASENG RP@7   | 7 G           |
|                              |   |                             |    |        | AUTO IND @7   | %7 %G         |
|                              |   |                             |    |        | TRANSPORT   | 7 G           |
|                              |   |                             |    |        | AIR MECH @7   | 7 G           |
| TEC MECH                     | 7 G   |                             |    |        |   |               |
| 8600252                      | EX POWER & ENERGY CP<br>Exploration of Power and Energy<br>Technology and Career Planning | 6-8                         | /S |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | TRANSPORT   | 7 G           |
|                              |   |                             |    |        | AUTO MECH@7   | 7 G           |
|                              |   |                             |    |        | GASENG RP@7   | 7 G           |
|                              |   |                             |    |        | DI ESEL ME@7  | T G           |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | TEC MECH  | 7 G           |
| AUTO IND @7                  | %7 %G   |                             |    |        |   |               |
| 8600062                      | EX ENGINEER TECH& CP<br>Exploration of Engineering Technology<br>and Career Planning      | 6-8                         | /S |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | PLTW PTE  | 7 G           |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | ENG TEC   | 7 G           |
| 8600072                      | EX ROBOTICS TECH& CP<br>Exploration of Robotics Technology<br>and Career Planning         | 6-8                         | /S |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | ENG TEC   | 7 G           |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | ROBOTICS  | 7 G           |
| 8600082                      | EX TECH DSN TECH& CP<br>Exploration of Technical Design<br>Technology and Career Planning | 6-8                         | /S |        | ENG&TEC ED1 @2  |               |
|                              |   |                             |    |        | ENG   | 7 G           |
|                              |   |                             |    |        | DRAFTING @7   | 7 G           |
|                              |   |                             |    |        | GRAPH ART@4   |               |
|                              |   |                             |    |        | ENG TEC   | 7 G           |
| PLTW PTE                     | 7 G   |                             |    |        |   |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |     |
|------------------------------|---|-----------------------------|--|--------|---------------|-----------------|-----|
|                              |   |                             |  |        |               | ENG             | TEC |
| 8600095                      | EX ELECTRONICS & CP<br>Exploration of Electronics Technology<br>and Career Planning             | 6-8                         | /S   |        |               | ENG&TEC ED1 @2  |     |
|                              |   |                             |  |        |               | ENG 7 G         |     |
|                              |   |                             |  |        |               | ENG TEC 7 G     |     |
|                              |   |                             |  |        |               | ELECTRONI@7 7 G | G   |
|                              |   |                             |  |        |               | TEC ELEC @7 7 G | G   |
|                              |   |                             |  |        |               | ELECTRICA@7 7 G | G   |
| 8600096                      | EX MARITIME & CP<br>Exploration of Maritime Technology<br>and Career Planning                   | 6-8                         | /S   |        |               | PLTW PTE 7 G    |     |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2  |     |
|                              |   |                             |  |        |               | ENG 7 G         |     |
|                              |   |                             |  |        |               | ENG TEC 7 G     |     |
|                              |   |                             |  |        |               | SEAMANSHIP7 G   |     |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2  |     |
| 8600097                      | EX LOG & SUPPLY/CP<br>Exploration of Logistics and Supply<br>Chain Technology & Career Planning | 6-8                         | /S   |        |               | ENG 7 G         |     |
|                              |   |                             |  |        |               | ENG TEC 7 G     |     |
|                              |   |                             |  |        |               | LOG TECH 7 G    |     |
|                              |   |                             |  |        |               | BUS ED 1        |     |
|                              |   |                             |  |        |               | ENG&TEC ED1 @2  |     |
|                              |   |                             |  |        |               | ENG 7 G         |     |
| 8600098                      | EX GR CONSTRUCT/CP<br>Exploration of Green Construction<br>and Architecture and Career Planning | 6-8                         | /S   |        |               | BLDG CONS@7 7 G | G   |
|                              |   |                             |  |        |               | BLDG MAIN@7 7 G | G   |
|                              |   |                             |  |        |               | ENG TEC 7 G     |     |
|                              |   |                             |  |        |               | TEC DRAFT 7 G   |     |
|                              |   |                             |  |        |               | TEC CONST@7 7 G | G   |
|                              |   |                             |  |        |               | CARPENTRY@7 7 G | G   |
|                              |   |                             |  |        |               | DRAFTING @7 7 G | G   |
|                              |   |                             |  |        |               | PLTW PTE 7 G    | G   |
|                              |   |                             |  |        |               |                 |     |
|                              |   |                             |  |        |               |                 |     |

## |FINANCE CAREER CLUSTER|

## FINANCIAL &amp; INVESTMENT PLANNING CAREER PATH (FNPA)

|               |  |      |    |    |     |                 |   |  |  |
|---------------|--|------|----|----|-----|-----------------|---|--|--|
| ^8815100      | FINANCE<br>Finance   | 9-12 | /  |    |     |                 |   |  |  |
| 8207310       | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2      | 9-12 | /Y | PA | 1.0 | ACCTING @7 7 G  |   |  |  |
|               |  |      |    |    |     | BANK FINC@7 7 G |   |  |  |
|               |  |      |    |    |     | BUS ED 1 @2     |   |  |  |
|               |  |      |    |    |     | COMM ART @7 7 G | G |  |  |
|               |  |      |    |    |     | COMP PROG 7 G   |   |  |  |
|               |  |      |    |    |     | COMPU SCI 6     |   |  |  |
|               |  |      |    |    |     | CYBER TECH7 G   |   |  |  |
|               |  |      |    |    |     | INFO TECH 7 G   |   |  |  |
|               |  |      |    |    |     | MANAG SUPV7 G   |   |  |  |
|               |  |      |    |    |     | MKTG 1 @2       |   |  |  |
| 8815150       | BUS COMM & TECH<br>Business Communications and<br>Technology/Level 2 | 9-12 | /Y | PA | 1.0 | MKTG MGMT 7 G   |   |  |  |
|               |  |      |    |    |     | WEB DEV 7 G     |   |  |  |
|               |  |      |    |    |     | BANK FINC@7 7 G | G |  |  |
|               |  |      |    |    |     | BUS ED 1 @2     |   |  |  |
|               |  |      |    |    |     | MKTG 1 @2       |   |  |  |
| MKTG MGMT 7 G | G  |      |    |    |     |                 |   |  |  |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| 8203310                      | ACCOUNTING APPS 1<br>Accounting Applications 1/Level 3                       | 9-12                        | /Y  | 1.0    | ACCTING @7 7 G<br>BOOKKEEPING @4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7<br>MANAG SUP@7 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>BANK FINC@7 7 G   |
| 8815110                      | ECONOMICS & FIN SERV<br>Economics and Financial Services/<br>Level 3         | 9-12                        | /Y  | 1.0    | BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT 7 G  |
| 2102360                      | AP MICROECON<br>Advanced Placement Microeconomics                            |                             | /S EC   | 0.5    | ECONOMICS@1<br>SOCIAL SCI 1<br>HISTORY @1   |
| <sup>a</sup> 2102365         | AP MICROECON INNOV<br>Advanced Placement Microeconomics<br>Innovation (CAPE) |                             | /S EC   | 0.5    | ECONOMICS@1<br>SOCIAL SCI 1<br>HISTORY @1   |
| 2102370                      | AP MACROECON<br>Advanced Placement Macroeconomics                            |                             | /S EC   | 0.5    | ECONOMICS@1<br>SOCIAL SCI 1<br>HISTORY @1   |
| 8815130                      | FINANCIAL INTERNSHIP<br>Financial Internship/Level 2                         | 9-12                        | /Y  | 1.0    | BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT 7 G  |
| 8501420                      | Finance OJT<br>Finance Cooperative Education - OJT                           | 9-12                        | /M  | 1.0    | ANY BUSINESS ED G<br>ANY BUSINESS ED/TC COOP ED E G<br>BUS ED 1 @2<br>MKTG 1 @2<br>TC COOP E@7<br>VOE @7  |
| 8815120                      | PERSONAL FINANCE<br>Personal Finance/Level 3                                 | 9-12                        | /Y  | 1.0    | BANK FINC@7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT@7 7 G   |
| 8515300                      | GLOBAL FINANCE<br>Global Finance   | 9-12                        | /   |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2              | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH 7 G<br>INFO TECH 7 G<br>MANAG SUPV 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER          | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|---------------------------------------|--|-----------------------------|---|--------|---|
|                                       |  |                             |   |        |   |
| 8815150                               | BUS COMM & TECH<br>Business Communications and<br>Technology/Level 2 | 9-12                        | /Y PA   | 1.0    | BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT 7 G  |
| 8203310                               | ACCOUNTING APPS 1<br>Accounting Applications 1/Level 3               | 9-12                        | /Y  | 1.0    | ACCTING @7 7 G<br>BOOKKEEPI@4 @7 7 G<br>BUS ED 1 @2<br>TC COOP E@7<br>VOE @7<br>MANAG SUP@7 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G |
| 8815160                               | MANAGERIAL ACCT<br>Managerial Accounting/Level 3                     | 9-12                        | /Y  | 1.0    | BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT 7 G  |
| 8815130                               | FINANCIAL INTERNSHIP<br>Financial Internship/Level 2                 | 9-12                        | /Y  | 1.0    | BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT 7 G  |
| 8501420                               | Finance OJT<br>Finance Cooperative Education - OJT                   | 9-12                        | /M  | 1.0    | ANY BUSINESS ED G<br>ANY BUSINESS ED/TC COOP ED E G<br>BUS ED 1 @2<br>MKTG 1 @2<br>TC COOP E@7<br>VOE @7                      |
| 8815170                               | BUS IN A GLOBAL ECON<br>Business in a Global Economy/Level 3         | 9-12                        | /Y  | 1.0    | BANK FINC@7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>MKTG 1 @2<br>MKTG MGMT 7 G   |
| F100300                               | LOAN ORIG- MORTGAGE<br>Loan Originator- Mortgage                     | 30, 31                      | /   |        |   |
| REE0092                               | MORTGAGE LOAN ORIG<br>Mortgage Loan Originator                       | 30, 31                      | /S  |        | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| F100400                               | PROPERTY ADJ EST<br>Property Adjuster Estimating                     | 30, 31                      | /   |        |   |
| RMI0070                               | PROPERTY ADJ EST<br>Property Adjuster Estimating                     | 30, 31                      | /S  |        | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| INSURANCE SERVICES CAREER PATH (FNPD) |  |                             |   |        |   |
| -----                                 |  |                             |   |        |   |
| MB10015                               | INS CLAIMS ADJUSTER<br>Insurance Claims Adjuster                     | 30, 31                      | /   |        |   |
| RMI0094                               | INSURANCE CLAIMS ADJ<br>Insurance Claims Adjuster                    | 30, 31                      | /S  |        | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL               | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  |
|------------------------------|--|-----------------------------|---|----------|--|
|                              |  |                             |   |          |  |
| MB10016                      | INS CUST SERV REP<br>Insurance Customer Service<br>Representative      | 30, 31                      | /   |          |  |
| RMI0093                      | (INS) CUST SRV REP<br>(Insurance) Customer Service<br>Representative   | 30, 31                      | /S  |          | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| MB10014                      | INS GEN LINES AGENT<br>Insurance General Lines Agent                   | 30, 31                      | /   |          |  |
| RMI0096                      | INS GEN LINES AGENT<br>Insurance General Lines Agent                   | 30, 31                      | /Y  | 1.0      | INSURANCE 7 G  |
| MB10017                      | LIFE INSURANCE MKT<br>Life Insurance Marketing                         | 30, 31                      | /   |          |  |
| RMI0071                      | INS SALES AGT<br>Insurance Sales Agent - Life, Health<br>and Annuities | 30, 31                      | /S  |          | INSURANCE 7 G  |
| MB10021                      | PERS LINES INS AGENT<br>Personal Lines Insurance Agent (20-44)         | 30, 31                      | /   |          |  |
| RMI0603                      | PERSONAL LINES AGENT<br>Personal Agent (20-44)                         | 30, 31                      | /Y  |          | INSURANCE 7 G  |
| GENERAL PROGRAMS             |  |                             |   |          |  |
| 8501420                      | Finance OJT<br>Finance Cooperative Education - OJT                     | 9-12                        | /M  | 1.0      | ANY BUSINESS ED G<br>ANY BUSINESS ED/TC COOP ED E G<br>BUS ED 1 @2 MKTG 1 @2<br>TC COOP ED @7 VOE @7<br>BANK FINC @7 7 G |
| 8501000                      | FINANCE DIRECTED ST<br>Finance Directed Study                          | 11-12                       | /M  | MULTIPLE | ANY BUSINESS ED G<br>BUS ED 1 @2 MKTG 1 @2   |
| 8540400                      | FUND OF FINANCE<br>Fundamentals of Finance                             | 6-8                         | /S  |          | BUS ED 1 @2 MKTG 1 @2<br>TC COOP ED @7 VOE @7  |
| 8540350                      | INTRO TO FINANCE<br>Introduction to Finance                            | 6-8                         | /S  |          | BUS ED 1 @2 MKTG 1 @2<br>TC COOP ED @7 VOE @7  |
| 8540360                      | INTRO TO FINANCE/CP<br>Introduction to Finance and Career<br>Planning  | 6-8                         | /S  |          | BUS ED 1 @2 MKTG 1 @2<br>TC COOP ED @7 VOE @7  |
| 8500120                      | PERS FINANCIAL LIT<br>Personal Financial Literacy/Level 2              | 9-12                        | /S  | 0.5      | BUS ED 1 @2 FAM CON SCI 1  |

| PROGRAM/<br>COURSE<br>NUMBER                      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                           | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION   |
|---|--|-----------------------------|---|----------|---|
| -----   |  |                             |   |          |   |
| GOVERNMENT & PUBLIC ADMINISTRATION CAREER CLUSTER |  |                             |   |          |   |
| -----   |  |                             |   |          |   |
| GOVERNANCE CAREER PATH (GVPA)                     |  |                             |   |          |   |
| -----   |  |                             |   |          |   |
| I470304   | PUBLIC WORKS<br>Public Works   | 30, 31                      | /   |          |   |
| ETC0003   | PUB WORKS CADET 1<br>Public Works Cadet 1 (Core)                                   | 30, 31                      | /Y  | 1.0      | ANY CTE FIELD OR COVERAGE                                   |
| ETC0004   | PUB WORKS CADET 2<br>Public Works Cadet 2  | 30, 31                      | /Y  | 1.0      | ANY CTE FIELD OR COVERAGE                                   |
| ETC0005   | PUB WORKS CADET 3<br>Public Works Cadet 3  | 30, 31                      | /Y  | 1.0      | ANY CTE FIELD OR COVERAGE                                   |
| -----   |  |                             |   |          |   |
| PLANNING CAREER PATH (GVPD)                       |  |                             |   |          |   |
| -----   |  |                             |   |          |   |
| 8602000   | EMER PLAN & RESPONSE<br>Emergency Planning and Response                            | 9-12                        | /   |          |   |
| 8602010   | EMER PLAN & RESP 1<br>Emergency Planning and Response 1/<br>Level 3                | 9-12                        | /Y  | 1.0      | FIRE FIGHT7 G<br>LAW ENF 7 G<br>PUB ADM 7 G<br>PUB SERV 7 G |
| 8602020   | EMER PLAN & RESP 2<br>Emergency Planning and Response 2/<br>Level 3                | 9-12                        | /Y  | 1.0      | FIRE FIGHT7 G<br>LAW ENF 7 G<br>PUB ADM 7 G<br>PUB SERV 7 G |
| 8602030   | EMER PLAN & RESP 3<br>Emergency Planning and Response 3/<br>Level 3                | 9-12                        | /Y  | 1.0      | FIRE FIGHT7 G<br>LAW ENF 7 G<br>PUB ADM 7 G<br>PUB SERV 7 G |
| 8602040   | EMER PLAN & RESP 4<br>Emergency Planning and Response 4/<br>Level 3                | 9-12                        | /Y  | 1.0      | FIRE FIGHT7 G<br>LAW ENF 7 G<br>PUB ADM 7 G<br>PUB SERV 7 G |
| -----   |  |                             |   |          |   |
| SUPPLEMENTAL PROGRAMS                             |  |                             |   |          |   |
| -----   |  |                             |   |          |   |
| 8900500   | FUND OF GOV & PS<br>Fundamentals of Government and Public<br>Public Administration | 6-8                         | /S  |          | ANY PUB SERV OCC ED G<br>TEC CONSTR @7 7 G                  |
| 8601420   | GOV & PA OJT<br>Government and Public Administration<br>Cooperative Education OJT  | 9-12                        | /M  | MULTIPLE | ANY PUB SERV OCC ED G                                       |
| 8603000   | GOV & PA DIR STUDY<br>Government and Public Administration<br>Directed Study       | 11-12                       | /M  | MULTIPLE | ANY PUB SERV OCC ED G                                       |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|---|
|                              |  |                             |  |        |   |
| 8900210                      | INTRO GOV & PS<br>Introduction to Government and Public<br>Administration                    | 6-8                         | /S   |        | ANY PUB SERV OCC ED G<br>TEC CONSTR @7 7 G              |
| 8900360                      | INTRO GOV & PS/CP<br>Introduction to Government and Public<br>Administration/Career Planning | 6-8                         | /S   |        | ANY PUB SERV OCC ED G<br>TEC CONSTR @7 7 G              |
| 8900330                      | PRIN PUB SERV<br>Principles of Public Service/Level 2  | 9-12                        | /Y   | 1.0    | ANY PUB SERV OCC ED G<br>EMT @7 7 G<br>PARAMEDIC @7 7 G |

## |HEALTH SCIENCE CAREER CLUSTER|

## THERAPEUTIC SERVICES CAREER PATH (HLPA)

|         |  |        |    |    |  |
|---------|--|--------|----|----|--|
| 8417130 | ALLIED HEALTH ASSIST<br>Allied Health Assisting                      | 9-12   | /  |    |  |
| 8417100 | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3  | 9-12   | /Y | EQ | 1.0 ANY HEALTH OCCUP G                                 |
| 8417110 | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3           | 9-12   | /Y |    | 1.0 ANY HEALTH OCCUP G                                 |
| 8417131 | ALLIED HEALTH ASSIS3<br>Allied Health Assisting 3/Level 2            | 10-12  | /Y |    | 1.0 ANY HEALTH OCCUP G                                 |
| H170222 | CENTRAL STERILE PROC<br>Central Sterile Processing Technology        | 30, 31 | /  |    |  |
| HSC0003 | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                      | 30, 31 | /Y |    | 1.0 SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| STS0019 | CEN STER MAT MGMT<br>Central Sterile Service Materials<br>Management | 30, 31 | /Y |    | 1.0 CENTSERVTE7 G<br>OPR RN 7 G<br>SURG TECH 7 G       |
| STS0013 | CENT STER PROC TECH<br>Central Sterile Processing Techni cian        | 30, 31 | /Y |    | 2.5 CENTSERVTE7 G<br>OPR RN 7 G<br>SURG TECH 7 G       |
| 8417140 | DENTAL AIDE<br>Dental Aide   | 9-12   | /  |    |  |
| 8417100 | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3  | 9-12   | /Y | EQ | 1.0 ANY HEALTH OCCUP G                                 |
| 8417110 | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3           | 9-12   | /Y |    | 1.0 ANY HEALTH OCCUP G                                 |
| 8417141 | DENTAL AIDE 3<br>Dental Aide 3/Level 3                               | 10-12  | /Y |    | 1.0 DENTL ASS@7 7 G                                    |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                                      |
|------------------------------|--|-----------------------------|---|--------|--|
| H170106                      | DENTAL ASSISTING<br>Dental Assisting                                       | 30, 31                      | /   |        |  |
| DEA0725                      | INTRO TO DENTAL ASST<br>Introduction to Dental Assisting                   | 30, 31                      | /S  | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| DEA0726                      | DENT INFECT CTRL AST<br>Dental Infection Control Assistant                 | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| DEA0727                      | DENTAL ASSISTING 1<br>Dental Assisting 1                                   | 30, 31                      | /Y  | 3.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| DEA0728                      | DENTAL ASSISTING 2<br>Dental Assisting 2                                   | 30, 31                      | /Y  | 3.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| H170113                      | DEN ASST TECH&MGATD<br>Dental Assisting Technology and<br>Management - ATD | 30, 31                      | /   |        |  |
| DEA0725                      | INTRO TO DENTAL ASST<br>Introduction to Dental Assisting                   | 30, 31                      | /S  | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| DEA0726                      | DENT INFECT CTRL AST<br>Dental Infection Control Assistant                 | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| DEA0727                      | DENTAL ASSISTING 1<br>Dental Assisting 1                                   | 30, 31                      | /Y  | 3.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| DEA0728                      | DENTAL ASSISTING 2<br>Dental Assisting 2                                   | 30, 31                      | /Y  | 3.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8417150                      | DENTAL LAB ASSIST<br>Dental Laboratory Assisting                           | 9-12                        | /   |        |  |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3        | 9-12                        | /Y  | EQ     | 1.0 ANY HEALTH OCCUP G                             |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3                 | 9-12                        | /Y  |        | 1.0 ANY HEALTH OCCUP G                             |
| 8417151                      | DEN LAB ASSIST 3<br>Dental Laboratory Assisting 3/Level 2                  | 10-12                       | /Y  | 1.0    | DEN LABTEC7 G                                      |
| 8417152                      | DEN LAB ASSIST 4<br>Dental Laboratory Assisting 4/Level 2                  | 10-12                       | /Y  | 1.0    | DEN LABTEC7 G                                      |
| H170108                      | DENTAL LAB TECH<br>Dental Laboratory Technology                            | 30, 31                      | /   |        |  |
| DTE0400                      | ORIENT DENTAL LAB<br>Orientation to Dental Laboratory<br>Technology        | 30, 31                      | /Y  | 0.5    | DEN LABTEC7 G                                      |
| DTE0433                      | DENTURE TECHNICIAN 1<br>Denture Technician 1                               | 30, 31                      | /Y  | 2.0    | DEN LABTEC7 G                                      |
| DTE0434                      | DENTURE TECHNICIAN 2<br>Denture Technician 2                               | 30, 31                      | /Y  | 2.0    | DEN LABTEC7 G                                      |
| DTE0435                      | ADV DENTURE TECH<br>Advanced Denture Technician                            | 30, 31                      | /Y  | 2.0    | DEN LABTEC7 G                                      |
| DTE0441                      | CROWN & BRIDGE TECH<br>Crown and Bridge Technician                         | 30, 31                      | /Y  | 1.5    | DEN LABTEC7 G                                      |
| DTE0461                      | CERAMIC TECHNICIAN<br>Ceramic Technician                                   | 30, 31                      | /Y  | 1.5    | DEN LABTEC7 G                                      |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| DTE0451                      | IMPLANT TECHNICIAN<br>Implant, Attachment & Hybrid<br>Restoration Technician | 30, 31                      | /Y  | 1.5    | DEN LABTEC7 G   |
| DTE0481                      | MASTER DENTL LAB TEC<br>Master Dental Laboratory Technician                  | 30, 31                      | /Y  | 1.0    | DEN LABTEC7 G   |
| <sup>a</sup> 8417160         | EKG AIDE<br>Electrocardiograph Aide  | 9-12                        | /   |        |   |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3          | 9-12                        | /Y  | EQ     | 1.0 ANY HEALTH OCCUP G  |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3                   | 9-12                        | /Y  |        | 1.0 ANY HEALTH OCCUP G  |
| <sup>a</sup> 8417161         | EKG AIDE 3<br>Electrocardiograph Aide 3/Level 2                              | 10-12                       | /S  | 0.5    | LAB TECH @7 7 G<br>EKG 7 G<br>REG NURSE 7 G<br>PARAMEDIC@7 7 G<br>MED ASST 7 G<br>TEC X RAY@7 7 G<br>RESP THER@7 7 G<br>MED PROF 7 G<br>PRAC NURS@7 %7 %G |
| 8417170                      | EMERG MED RESPONDER<br>Emergency Medical Responder                           | 9-12                        | /   |        |   |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3          | 9-12                        | /Y  | EQ     | 1.0 ANY HEALTH OCCUP G  |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3                   | 9-12                        | /Y  |        | 1.0 ANY HEALTH OCCUP G  |
| 8417171                      | EMERG MED RESP 3<br>Emergency Medical Responder 3/Level 3                    | 10-12                       | /Y  | 1.0    | REG NURSE 7 G<br>PARAMEDIC@7 7 G<br>MED PROF 7 G<br>EMT 7 G<br>LAW ENF @7 7 G<br>CORR OFF 7 G<br>PUB SERV 7 G<br>FIRE FIGH@7 7 G<br>PRAC NURS@7 %7 %G     |
| H171500                      | EMERG MED RESPONDER<br>Emergency Medical Responder                           | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                              | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| EMS0050                      | EMERG MED RESP<br>Emergency Medical Responder                                | 30, 31                      | /Y  | 1.0    | EMT 7 G<br>MED PROF 7 G<br>PARAMEDIC@7 7 G<br>REG NURSE 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|---|-----------------------------|---|--------|--|
|                              |   |                             |   |        |  |
| W170212                      | EMT - ATD<br>Emergency Medical Technician - ATD                     | 30, 31                      | /   |        |  |
| EMS0110                      | EMER MEDICAL TECH<br>Emergency Medical Technician (EMT)             | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| 8417000                      | EXERCISE SCIENCE<br>Exercise Science                                | 9-12                        | /   |        |  |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3 | 9-12                        | /Y  | EQ     | 1.0 ANY HEALTH OCCUP G                               |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3          | 9-12                        | /Y  |        | 1.0 ANY HEALTH OCCUP G                               |
| 8417120                      | EXERCISE SCIENCE<br>Exercise Science/Level 3                        | 10-12                       | /Y  |        | 1.0 PH THERTEC7 G<br>HEALTH FIT SPEC<br>MED PROF 7 G |
| H170207                      | HEMODIALYSIS TECH<br>Hemodialysis Technician                        | 30, 31                      | /   |        |  |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                     | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| MLT0368                      | DIALYSIS TECH 1<br>Dialysis Technician 1                            | 30, 31                      | /Y  | 1.5    | HEMO TEC 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G   |
| MLT0369                      | DIALYSIS TECH 2<br>Dialysis Technician 2                            | 30, 31                      | /Y  | 1.5    | HEMO TEC 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G   |
| 8417190                      | HOME HEALTH AIDE<br>Home Health Aide                                | 9-12                        | /   |        |  |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3 | 9-12                        | /Y  | EQ     | 1.0 ANY HEALTH OCCUP G                               |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3          | 9-12                        | /Y  |        | 1.0 ANY HEALTH OCCUP G                               |
| 8417191                      | HME HEALTH AIDE 3<br>Home Health Aide 3/Level 2                     | 10-12                       | /S  | 0.5    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G                   |
| H170604                      | HOME HEALTH AIDE<br>Home Health Aide                                | 30, 31                      | /   |        |  |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                     | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| HCP0330                      | HOME HEALTH AIDE<br>Home Health Aide                                | 30, 31                      | /S  | 0.5    | PRAC NURS@7 %7 %G<br>REG NURSE 7 G                   |
| H120406                      | MASSAGE THERAPY<br>Massage Therapy                                  | 30, 31                      | /   |        |  |
| MSS0204                      | MASSAGE THERAPY 1<br>Massage Therapy 1                              | 30, 31                      | /Y  | 2.5    | MASSAGE TH7 G  |
| MSS0209                      | MASSAGE THERAPY 2<br>Massage Therapy 2                              | 30, 31                      | /Y  | 2.5    | MASSAGE TH7 G  |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|---|
|                              |  |                             |  |        |   |
| H170515                      | MEDICAL ASSISTING<br>Medical Assisting                     | 30, 31                      | /  |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker            | 30, 31                      | /Y   | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| MEA0002                      | INTRO TO MED ASSIST<br>Introduction to Medical Assisting   | 30, 31                      | /Y   | 1.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>LAB TECH @7 7 G<br>REG NURSE 7 G<br>BUS ED 1 @2<br>VOE @7<br>SECRETAR 7 G<br>CLERICAL @7 7 G             |
| MEA0501                      | MEDICAL OFFICE PROC<br>Medical Office Procedures           | 30, 31                      | /S   | 0.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>CLERICAL 7 G<br>LAB TECH @7 7 G<br>REG NURSE 7 G<br>BUS ED 1 @2<br>VOE @7<br>SECRETAR 7 G<br>CLERICAL @7 |
| MEA0521                      | PHLEBOTOMIST, MA<br>Phlebotomist, MA                       | 30, 31                      | /S   | 0.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>PHLEB 7 G<br>LAB TECH @7 7 G<br>REG NURSE 7 G  |
| MEA0543                      | EKG AIDE, MA<br>EKG Aide, MA                               | 30, 31                      | /S   | 0.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>LAB TECH @7 7 G   |
| MEA0581                      | CLINICAL ASSISTING<br>Clinical Assisting                   | 30, 31                      | /Y   | 1.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>LAB TECH @7 7 G   |
| MEA0530                      | PHARM/MEDICAL ASSIST<br>Pharmacology for Medical Assisting | 30, 31                      | /S   | 0.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>LAB TECH @7 7 G   |
| MEA0573                      | LABORATORY PROCEDURE<br>Laboratory Procedures              | 30, 31                      | /S   | 0.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>LAB TECH @7 7 G   |
| MEA0506                      | ADMIN OFF PROCEDURES<br>Administrative Office Procedures   | 30, 31                      | /S   | 0.5    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>LAB TECH @7 7 G   |
| MEA0942                      | PRACTICUM EXPERIENCE<br>Practicum Experience               | 30, 31                      | /Y   | 1.0    | MED ASST 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>LAB TECH @7 7 G   |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
| 8417200                      | MEDICAL LAB ASSIST<br>Medical Laboratory Assisting                  | 9-12 /                      |   |        |   |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3 | 9-12 /Y                     | EQ  | 1.0    | ANY HEALTH OCCUP G  |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3          | 9-12 /Y                     |   | 1.0    | ANY HEALTH OCCUP G  |
| 8417201                      | MED LAB ASSIST 3<br>Medical Laboratory Assisting 3/<br>Level 3      | 10-12 /Y                    |   | 1.0    | LAB TECH @7 7 G   |
| 8417202                      | MED LAB ASSIST 4<br>Medical Laboratory Assisting 4/<br>Level 3      | 10-12 /Y                    |   | 1.0    | LAB TECH @7 7 G   |
| 8417210                      | NURSE ASSISTANT<br>Nursing Assistant (Acute and Long<br>Term Care)  | 9-12 /                      |   |        |   |
| 8417100                      | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3 | 9-12 /Y                     | EQ  | 1.0    | ANY HEALTH OCCUP G  |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3          | 9-12 /Y                     |   | 1.0    | ANY HEALTH OCCUP G  |
| 8417211                      | NURSE ASSISTING 3<br>Nursing Assisting 3/Level 3                    | 10-12 /Y                    |   | 1.0    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| H170690                      | NURSING ASST (ART.)<br>Nursing Assistant (Articulated)              | 30, 31 /                    |   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                     | 30, 31 /Y                   |   | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HCPO121                      | NURSE AIDE & ORDERLY<br>Nurse Aide and Orderly (Articulated)        | 30, 31 /S                   |   | 0.5    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| H170602                      | NURSING ASSISTANT<br>Nursing Assistant (Long Term Care)             | 30, 31 /                    |   |        |   |
| PRN0090                      | NURSE AIDE & ORDERLY<br>Nurse Aide and Orderly                      | 30, 31 /Y                   |   | 1.0    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| H170705                      | OPTOMETRIC ASSIST<br>Optometric Assisting                           | 30, 31 /                    |   |        |   |
| OPT0720                      | FOUND VISION CARE<br>Foundations of Vision Care                     | 30, 31 /S                   |   | 0.5    | OPTOM ASST7 G<br>TEC OPTICS7 G  |
| OPT0721                      | OPTOMETRIC ASST 1<br>Optometric Assistant 1                         | 30, 31 /Y                   |   | 2.0    | OPTOM ASST7 G<br>TEC OPTICS7 G  |
| OPT0722                      | OPTOMETRIC ASST 2<br>Optometric Assistant 2                         | 30, 31 /Y                   |   | 4.0    | OPTOM ASST7 G<br>TEC OPTICS7 G  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
| H170800                      | ORTHOPEDIC TECH<br>Orthopedic Technology                     | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker              | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| PHT0090                      | ORTHOPEDIC TECH 1<br>Orthopedic Technologist 1               | 30, 31                      | /Y  | 2.0    | ORTHO TEC 7 G<br>RN ORTHO 7 G   |
| PHT0091                      | ORTHOPEDIC TECH 2<br>Orthopedic Technologist 2               | 30, 31                      | /Y  | 2.0    | ORTHO TEC 7 G<br>RN ORTHO 7 G   |
| H170212                      | PARAMEDIC - ATD<br>Paramedic - ATD                           | 30, 31                      | /   |        |   |
| EMS0210                      | PARAMEDIC 1<br>Paramedic 1                                   | 30, 31                      | /Y  | 1.5    | PARAMEDIC@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| EMS0211                      | PARAMEDIC 2<br>Paramedic 2                                   | 30, 31                      | /Y  | 2.5    | PARAMEDIC@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| EMS0212                      | PARAMEDIC 3<br>Paramedic 3                                   | 30, 31                      | /Y  | 2.5    | PARAMEDIC@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| H170692                      | PATIENT CARE ASSIST<br>Patient Care Assistant                | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker              | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HCP0121                      | NURSE AIDE & ORDERLY<br>Nurse Aide and Orderly (Articulated) | 30, 31                      | /S  | 0.5    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE         |
| HCP0332                      | ADV HOME HEALTH AIDE<br>Advanced Home Health Aide            | 30, 31                      | /Y  |        | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                    |
| HCP0020                      | PATIENT CARE ASST<br>Patient Care Assistant                  | 30, 31                      | /S  | 0.5    | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                    |
| H170694                      | PATIENT CARE TECH<br>Patient Care Technician                 | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker              | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HCP0121                      | NURSE AIDE & ORDERLY<br>Nurse Aide and Orderly (Articulated) | 30, 31                      | /S  | 0.5    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE         |
| HCP0332                      | ADV HOME HEALTH AIDE<br>Advanced Home Health Aide            | 30, 31                      | /Y  |        | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                    |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|---|--------|--|
| HCPO020                      | PATIENT CARE ASST<br>Patient Care Assistant              | 30, 31                      | /S  | 0.5    | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| HSC0016                      | ALLIED HEALTH ASST<br>Allied Health Assistant            | 30, 31                      | /Y  | 1.0    | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| MEA0580                      | ADV ALL HEALTH ASST<br>Advanced Allied Health Assistant  | 30, 31                      | /S  | 0.5    | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| PRN0094                      | PATIENT CARE TECH<br>Patient Care Technician             | 30, 31                      | /Y  |        | PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8418200                      | PHARMACY TECHNICIAN<br>Pharmacy Technician               | 9, 12                       | /   |        |  |
| 8418210                      | PHARMACY TECH 1<br>Pharmacy Technician 1/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| 8418220                      | PHARMACY TECH 2<br>Pharmacy Technician 2/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| 8418230                      | PHARMACY TECH 3<br>Pharmacy Technician 3/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| 8418240                      | PHARMACY TECH 4<br>Pharmacy Technician 4/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| 8418250                      | PHARMACY TECH 5<br>Pharmacy Technician 5/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| 8418260                      | PHARMACY TECH 6<br>Pharmacy Technician 6/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| 8418270                      | PHARMACY TECH 7<br>Pharmacy Technician 7/Level 3         | 9-12                        | /Y  | 1.0    | PHARMACY 7 G   |
| H170500                      | PHARMACY TECHNICIAN<br>Pharmacy Technician               | 30, 31                      | /   |        |  |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker          | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| PTN0084                      | PHARMACY TECH 1<br>Pharmacy Technician 1                 | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| PTN0085                      | PHARMACY TECH 2<br>Pharmacy Technician 2                 | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| PTN0086                      | PHARMACY TECH 3<br>Pharmacy Technician 3                 | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| H170700                      | PHARMACY TECH - ATD<br>Pharmacy Technician - ATD         | 30, 31                      | /   |        |  |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker          | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| PTN0084                      | PHARMACY TECH 1<br>Pharmacy Technician 1                 | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| PTN0085                      | PHARMACY TECH 2<br>Pharmacy Technician 2                 | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |
| PTN0086                      | PHARMACY TECH 3<br>Pharmacy Technician 3                 | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                                       |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                        | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
| 8418400                      | PRACTICAL NURSING<br>Practical Nursing  | 9-12                        | /   |        |   |
| 8418410                      | PRAC NURSE FOUND 1A<br>Practical Nursing Foundations 1A/<br>Level 3             | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                |
| 8418420                      | PRAC NURSE FOUND 1B<br>Practical Nursing Foundations 1B/<br>Level 3             | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                |
| 8418430                      | PRAC NURSE FOUND 2A<br>Practical Nursing Foundations 2A/<br>Level 3             | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8418440                      | PRAC NURSE FOUND 2B<br>Practical Nursing Foundations 2B/<br>Level 3             | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8418450                      | MED SURG NURSE 1A<br>Medical Surgical Nursing 1A/Level 3                        | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8418460                      | MED SURG NURSE 1B<br>Medical Surgical Nursing 1B/Level 3                        | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8418470                      | MED SURG NURSE 2A<br>Medical Surgical Nursing 2A/Level 3                        | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8418480                      | MED SURG NURSE 2B<br>Medical Surgical Nursing 2B/Level 3                        | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| 8418490                      | COMP NURSING SKILLS<br>Comprehensive Nursing and<br>Transitional Skills/Level 3 | 9-12                        | /Y  | 1.0    | REG NURSE 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE                           |
| H170607                      | PRACTICAL NURSING<br>Practical Nursing  | 30, 31                      | /   |        |   |
| PRN0098                      | PRAC NURSE FOUND 1<br>Practical Nurse Foundations 1                             | 30, 31                      | /Y  | 2.0    | REG NURSE 7 G<br>PRAC NURS@7<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| PRN0099                      | PRAC NURSE FOUND 2<br>Practical Nurse Foundations 2                             | 30, 31                      | /Y  | 2.0    | REG NURSE 7 G<br>PRAC NURS@7<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE            |
| PRN0290                      | MED SURGICAL NURSE 1<br>Medical Surgical Nurse 1                                | 30, 31                      | /Y  | 2.0    | REG NURSE 7 G<br>PRAC NURS@7<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE            |
| PRN0291                      | MED SURGICAL NURSE 2<br>Medical Surgical Nurse 2                                | 30, 31                      | /Y  | 2.0    | REG NURSE 7 G<br>PRAC NURS@7<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE            |
| PRN0690                      | COMP NURSING SKILLS<br>Comprehensive Nursing and<br>Transitional Skills         | 30, 31                      | /Y  | 1.0    | REG NURSE 7 G<br>PRAC NURS@7<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE            |
| H180100                      | MENTAL HEALTH TECH<br>Psychiatric Technology                                    | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                                 | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |

| PROGRAM/<br>COURSE<br>NUMBER           | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|--|---|-----------------------------|---|--------|---|
| HCPO121                                | NURSE AIDE & ORDERLY<br>Nurse Aide and Orderly (Articulated)        | 30, 31                      | /S  | 0.5    | REG NURSE 7 G<br>PRAC NURS@7 %7 %G<br>LPN 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| HCPO810                                | MENTAL HEALTH TECH<br>Mental Health Technician                      | 30, 31                      | /Y  | 2.0    | REG NURSE 7 G   |
| H170211                                | SURGICAL TECHNOLOGY<br>Surgical Technology                          | 30, 31                      | /   |        |   |
| HSC0003                                | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                     | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| STS0015                                | CENTRAL SUPPLY TECH<br>Central Supply Technician                    | 30, 31                      | /Y  | 1.0    | OPR RN 7 G<br>OPR RM TE@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SURG TECH 7 G                |
| STS0010                                | SURGICAL TECH 1<br>Surgical Technologist 1                          | 30, 31                      | /Y  | 2.0    | OPR RN 7 G<br>OPR RM TE@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SURG TECH 7 G                |
| STS0011                                | SURGICAL TECH 2<br>Surgical Technologist 2                          | 30, 31                      | /Y  | 2.0    | OPR RN 7 G<br>OPR RM TE@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SURG TECH 7 G                |
| STS0012                                | SURGICAL TECH 3<br>Surgical Technologist 3                          | 30, 31                      | /Y  | 2.0    | OPR RN 7 G<br>OPR RM TE@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>SURG TECH 7 G                |
| 8417230                                | VISION CARE ASSIST<br>Vision Care Assisting                         | 9-12                        | /   |        |   |
| 8417100                                | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3 | 9-12                        | /Y EQ   | 1.0    | ANY HEALTH OCCUP G  |
| 8417110                                | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3          | 9-12                        | /Y  | 1.0    | ANY HEALTH OCCUP G  |
| 8417231                                | VISION CARE ASSIST 3<br>Vision Care Assisting 3/Level 3             | 10-12                       | /Y  | 1.0    | TEC OPTICS7 G   |
| 8417232                                | VISION CARE ASSIST 4<br>Vision Care Assisting 4/Level 3             | 10-12                       | /Y  | 1.0    | TEC OPTICS7 G   |
| DIAGNOSTIC SERVICES CAREER PATH (HLPB) |   |                             |   |        |   |
| 8427100                                | ELECTROCARDIO TECH<br>Electrocardiograph Technician                 | 9-12                        | /   |        |   |
| 8417100                                | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3 | 9-12                        | /Y EQ   | 1.0    | ANY HEALTH OCCUP G  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL               | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|---|
|                              |  |                             |  |        |   |
| 8417110                      | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3             | 9-12                        | /Y   | 1.0    | ANY HEALTH OCCUP G  |
| 8427130                      | ELECTROCARDIO TECH 3<br>Electrocardiograph Technician 3/<br>Level 3    | 9-12                        | /Y   | 1.0    | LAB TECH @7 7 G<br>EKG 7 G<br>REG NURSE 7 G<br>PARAMEDIC@7 7 G<br>MED ASST 7 G<br>TEC X RAY@7 7 G<br>RESP THER@7 7 G<br>MED PROF 7 G<br>PRAC NURS@7 %7 %G |
| H170208                      | EKG TECHNOLOGY<br>Electrocardiograph Technology                        | 30, 31                      | /  |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                        | 30, 31                      | /Y   | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| MEA0540                      | EKG AIDE<br>EKG Aide   | 30, 31                      | /S   | 0.5    | EKG 7 G<br>LAB TECH @7 7 G<br>PARAMEDIC@7 7 G<br>PRAC NURS@7 %7 %G<br>RESP THER@7 7 G<br>REG NURSE 7 G  |
| MEA0541                      | EKG TECHNICIAN<br>EKG Technician                                       | 30, 31                      | /Y   | 2.0    | EKG 7 G<br>LAB TECH 7 G<br>PARAMEDIC@7 7 G<br>PRAC NURS@7 %7 %G<br>REG NURSE 7 G<br>RESP THER@7 7 G   |
| H170600                      | MED CLIN LAB--ATD<br>Medical Clinical Laboratory<br>Technician--ATD    | 30, 31                      | /  |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                        | 30, 31                      | /Y   | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| MEA0520                      | PHLEBOTOMIST<br>Phlebotomist   | 30, 31                      | /S   | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE<br>PHLEB 7 G   |
| MLT0009                      | INTRO MED LAB TECH<br>Introduction to Medical Laboratory<br>Technology | 30, 31                      | /S   | 0.5    |   |
| MLT0220                      | URIN & BODY FLUIDS<br>Urinalysis and Body Fluids                       | 30, 31                      | /S   | 0.5    |   |
| MLT0335                      | HEMATOLOGY & HEMOST<br>Hematology and Hemostasis                       | 30, 31                      | /Y   | 1.5    |   |
| MLT0505                      | IMMUNOLOGY<br>Immunology   | 30, 31                      | /Y   |        |   |
| MLT0640                      | CLINICAL CHEMISTRY<br>Clinical Chemistry                               | 30, 31                      | /Y   | 1.5    |   |
| MLT0520                      | IMMUNOHEMATOLOGY<br>Immunohematology                                   | 30, 31                      | /Y   | 1.5    |   |
| MLT0450                      | MICROB & PARASIT<br>Microbiology and Parasitology                      | 30, 31                      | /Y   | 1.5    |   |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| H170306                      | MEDICAL LAB ASSIST<br>Medical Laboratory Assisting                   | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                      | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE              |
| MEA0520                      | PHLEBOTOMIST<br>Phlebotomist   | 30, 31                      | /S  | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE              |
| MEA0560                      | MEDICAL LAB ASST<br>Medical Lab Assistant                            | 30, 31                      | /Y  | 2.0    | PHLEB 7 G<br>LAB TECH @7 7 G                                    |
| H170302                      | PHLEBOTOMY<br>Phlebotomy   | 30, 31                      | /   |        |   |
| HSC0003                      | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                      | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE              |
| MEA0520                      | PHLEBOTOMIST<br>Phlebotomist   | 30, 31                      | /S  | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE<br>PHLEB 7 G |
| W170210                      | RADIOLOGIC TECH<br>Radiologic Technology                             | 30, 31                      | /   |        |   |
| RTE0004                      | FUNDS/RADIOLOGIC TEC<br>Fundamentals of Radiologic Technology        | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0410                      | RADIO IMAGE/EXP 1<br>Radiologic Imaging & Exposure 1                 | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0505                      | RADIO PROCEDURES 1<br>Radiologic Procedures 1                        | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0809                      | CLINICAL EDUCATION 1<br>Clinical Education 1                         | 30, 31                      | /Y  | 2.0    | TEC X RAY@7 7 G   |
| RTE0450                      | RADIO IMAGE/EXP 2<br>Radiologic Imaging & Exposure 2                 | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0506                      | RADIO PROCEDURES 2<br>Radiologic Procedures 2                        | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0507                      | RADIO PROCEDURES 3<br>Radiologic Procedures 3                        | 30, 31                      | /Y  |        | TEC X RAY@7 7 G   |
| RTE0819                      | CLINICAL EDU 2<br>Clinical Education 2                               | 30, 31                      | /Y  | 3.0    | TEC X RAY@7 7 G   |
| RTE0015                      | ADV MODALITY IMAGE<br>Advanced Modality Imaging                      | 30, 31                      | /S  |        | TEC X RAY@7 7 G   |
| RTE0780                      | RADIO PATH & RESEARCH<br>Radiologic Pathology & Directed<br>Research | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0610                      | RADIATION PHYSICS<br>Radiation Physics                               | 30, 31                      | /S  | 0.5    | TEC X RAY@7 7 G   |
| RTE0829                      | CLINICAL EDU 3<br>Clinical Education 3                               | 30, 31                      | /Y  | 1.0    | TEC X RAY@7 7 G   |
| RTE0839                      | ADV CLINICAL EDU 4<br>Advanced Clinical Education 4                  | 30, 31                      | /Y  | 2.0    | TEC X RAY@7 7 G   |
| RTE0380                      | RADIATION BIO & PRO<br>Radiation Biology & Radiation<br>Protection   | 30, 31                      | /S  |        | TEC X RAY@7 7 G   |
| RTE0939                      | RADIOGRAPHY SEMINAR<br>Radiography Seminar                           | 30, 31                      | /Y  | 1.0    | TEC X RAY@7 7 G   |
| RTE0849                      | ADV CLINICAL EDU 5<br>Advanced Clinical Education 5                  | 30, 31                      | /Y  | 2.0    | TEC X RAY@7 7 G   |



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|---------------------------------------|---|-----------------------------|---------------------------------|----|--------|---|
|                                       |   |                             | GRADUATION<br>REQUIREMENTS      |    |        |   |
| HEALTH INFORMATICS CAREER PATH (HLPC) |   |                             |                                 |    |        |   |
| 8417280                               | HEALTH UNIT COOR<br>Health Unit Coordinator                           | 9-12                        | /                               |    |        |   |
| 8417100                               | HEALTH SCI A & P<br>Health Science Anatomy & Physiology<br>/Level 3   | 9-12                        | /Y                              | EQ | 1.0    | ANY HEALTH OCCUP G                                  |
| 8417110                               | HEALTH SCIENCE FOUND<br>Health Science Foundations/Level 3            | 9-12                        | /Y                              |    | 1.0    | ANY HEALTH OCCUP G                                  |
| 8417281                               | HEALTH UNIT COOR 1<br>Health Unit Coordinator 1/Level 2               | 9-12                        | /Y                              |    | 1.0    | REG NURSE 7 G<br>MED RECTEC7 G<br>PRAC NURS@7 %7 %G |
| 8417282                               | HEALTH UNIT COOR 2<br>Health Unit Coordinator 2/Level 2               | 9-12                        | /Y                              |    | 1.0    | REG NURSE 7 G<br>MED RECTEC7 G<br>PRAC NURS@7 %7 %G |
| H170107                               | HEALTH UNIT/MONITOR<br>Health Unit Coordinator/Monitor<br>Technician  | 30, 31                      | /                               |    |        |   |
| HSC0003                               | BASIC HEALTHCARE WKR<br>Basic Healthcare Worker                       | 30, 31                      | /Y                              |    | 1.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0076                               | HEALTH UNIT CLERK<br>Health Unit Clerk                                | 30, 31                      | /Y                              |    | 2.5    | MED RECTEC7 G<br>REG NURSE 7 G                      |
| HIM0090                               | MONITOR TECHNICIAN<br>Monitor Technician                              | 30, 31                      | /S                              |    | 0.5    | MED RECTEC7 G<br>REG NURSE 7 G                      |
| <sup>a</sup> H170529                  | MEDICAL CODER/BILLER<br>Medical Coder/Biller                          | 30, 31                      | /                               |    |        |   |
| HIM0009                               | INTRO TO H. I. T.<br>Introduction to Health Information<br>Technology | 30, 31                      | /S                              |    | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0091                               | MED CODER/BILLER 1<br>Medical Coder/Biller 1                          | 30, 31                      | /Y                              |    | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0092                               | MED CODER/BILLER 2<br>Medical Coder/Biller 2                          | 30, 31                      | /Y                              |    | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0093                               | MED CODER/BILLER 3<br>Medical Coder/Biller 3                          | 30, 31                      | /Y                              |    | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| H170530                               | MED CODER/BILLER-ATD<br>Medical Coder/Biller-ATD                      | 30, 31                      | /                               |    |        |   |
| HIM0009                               | INTRO TO H. I. T.<br>Introduction to Health Information<br>Technology | 30, 31                      | /S                              |    | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0091                               | MED CODER/BILLER 1<br>Medical Coder/Biller 1                          | 30, 31                      | /Y                              |    | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0092                               | MED CODER/BILLER 2<br>Medical Coder/Biller 2                          | 30, 31                      | /Y                              |    | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| HIM0093                               | MED CODER/BILLER 3<br>Medical Coder/Biller 3                          | 30, 31                      | /Y                              |    | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                            | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                          | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                                      |   |
|---|---|-----------------------------|---|--------|--|---|
|   |   |                             |   |        |  |   |
| <sup>a</sup> H170506                                    | MED RCD/TRANS/HC DOC<br>Medical Record Transcribing/<br>Healthcare Documentation  | 30, 31                      | /   |        |  |   |
| HIM0009   | INTRO TO H. I. T.<br>Introduction to Health Information<br>Technology             | 30, 31                      | /S  | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |   |
| <sup>a</sup> HIM0074                                    | MED TRANSCRIB 1<br>Medical Transcriber 1  | 30, 31                      | /Y  | 2.0    | MED ASST 7 G<br>MED RECTEC7 G<br>MED TRANS 7 G     |   |
| <sup>a</sup> HIM0075                                    | MED TRANSCRIB 2<br>Medical Transcriber 2  | 30, 31                      | /Y  | 2.0    | MED ASST 7 G<br>MED RECTEC7 G<br>MED TRANS 7 G     |   |
| <sup>a</sup> HIM0081                                    | MED TRANSCRIB 3<br>Medical Transcriber 3  | 30, 31                      | /Y  | 2.0    | MED ASST 7 G<br>MED RECTEC7 G<br>MED TRANS 7 G     |   |
| <sup>a</sup> H170508                                    | MED RCD/HC DOC-ATD<br>Medical Record Transcribing/Healthcare<br>Documentation-ATD | 30, 31                      | /   |        |  |   |
| HIM0009   | INTRO TO H. I. T.<br>Introduction to Health Information<br>Technology             | 30, 31                      | /S  | 0.5    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |   |
| <sup>a</sup> HIM0002                                    | MED TRANSCRIB 1 ATD<br>Medical Transcriber - ATD 1                                | 30, 31                      | /Y  | 2.0    |  |   |
| <sup>a</sup> HIM0083                                    | MED TRANSCRIB 2 ATD<br>Medical Transcriber - ATD 2                                | 30, 31                      | /Y  | 2.0    |  |   |
| <sup>a</sup> HIM0084                                    | MED TRANSCRIB 3 ATD<br>Medical Transcriber - ATD 3                                | 30, 31                      | /Y  | 2.0    |  |   |
| BIOTECHNOLOGY RESEARCH & DEVELOPMENT CAREER PATH (HLPE) |   |                             |   |        |  |   |
| 8708100   | BIOMEDICAL SCIENCES<br>Biomedical Sciences  | 9-12                        | /   |        |  |   |
| 8708110   | PRIN BIOMED SCIENCES<br>Principles of the Biomedical Sciences<br>/Level 3         | 9-12                        | /Y  | EQ     | 1.0  | BI OLOGY 1 @2<br>MED PROF 7 G<br>PARAMEDIC@7 7 G<br>PLTW HEALT7 G<br>REG NURSE 7 G<br>LAB TECH 7 G    |
| 8708120   | HUMAN BODY SYSTEMS<br>Human Body Systems/Level 3                                  | 9-12                        | /Y  | EQ     | 1.0  | BI OLOGY 1 @2<br>MED PROF 7 G<br>PARAMEDIC@7 7 G<br>PLTW HEALT7 G<br>REG NURSE 7 G<br>LAB TECH @7 7 G |
| 8708130   | MED INTERVENTIONS<br>Medical Interventions/Level 3                                | 9-12                        | /Y  | EQ     | 1.0  | BI OLOGY 1 @2<br>MED PROF 7 G<br>PARAMEDIC@7 7 G<br>PLTW HEALT7 G<br>REG NURSE 7 G<br>LAB TECH @7 7 G |

| PROGRAM/<br>COURSE<br>NUMBER                      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                      | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING     |      | CERTIFICATION |
|---|---|-----------------------------|--|----------|---------------------|------|---------------|
|   |   |                             |  |          | COURSES MEETING     |      |               |
| 8708140   | BIOMED INNOVATION<br>Biomedical Innovation/Level 3  | 9-12                        | /Y   | 1.0      | BIOLGY              | 1 @2 |               |
|   |   |                             |  |          | MED PROF            | 7 G  |               |
|   |   |                             |  |          | PARAMEDIC@7         | 7 G  |               |
|   |   |                             |  |          | PLTW HEALTH7        | G    |               |
|   |   |                             |  |          | REG NURSE 7         | G    |               |
|   |   |                             |  |          | LAB TECH @7         | 7 G  |               |
| -----<br>GENERAL HEALTH SCIENCE PROGRAMS<br>----- |   |                             |  |          |                     |      |               |
| 8400310   | EXP HEALTH SCI PROF<br>Exploration of Health Science<br>Professions                           | 6-8                         | /S   |          | ANY HEALTH OCCUP G  |      |               |
|   |   |                             |  |          | FAM CON SCI 1       |      | HEALTH 6      |
| 8400210   | EXP HS PROF & C P<br>Exploration Of Health Science<br>Professions & Career Planning           | 6-8                         | /S   |          | ANY HEALTH OCCUP G  |      |               |
|   |   |                             |  |          | FAM CON SCI 1       |      | HEALTH 6      |
| 8400410   | HSE COOP - OJT<br>Health Science Education Cooperative<br>- OJT                               | 10-12                       | /M   | MULTIPLE | ANY HEALTH OCCUP G  |      |               |
| 8400100   | HSE DIR STUDY<br>Health Science Education Directed<br>Study                                   | 10-12                       | /M   | MULTIPLE | ANY HEALTH OCCUP G  |      |               |
| 8709350   | INTRO HS CAREER PATH<br>Introduction to Health Science<br>Career Pathways                     | 6-8                         | /S   |          | ANY HEALTH OCCUP G  |      |               |
| 8709360   | INTRO HS CAR PATH/CP<br>Introduction to Health Science<br>Career Pathways and Career Planning | 6-8                         | /S   |          | ANY HEALTH OCCUP G  |      |               |
| 8400320   | MEDICAL SKLS SERS<br>Medical Skills and Services/Level 2                                      | 9-12                        | /Y   | 1.0      | ANY HEALTH OCCUP G  |      |               |
|   |   |                             |  |          | HEALTH 6            |      |               |
| 8400110   | ORIENT HS PROFESSION<br>Orientation to Health Science<br>Professions                          | 6-8                         | /S   |          | HEALTH 6            |      |               |
|   |   |                             |  |          | ANY HEALTH OCCUP G  |      |               |
| 8417106   | ORIEN NUR<br>Orientation to Nursing   | 6-8                         | /S   |          | PRAC NURSE @7 %7 %G |      | REG NURSE 7 G |
|   |   |                             |  |          | LPN 7 G             |      |               |
| 8499990   | HEALTH OCCS ED TRAN<br>Health Occupations Education Transfer                                  | 9-12                        | /  |          | NA                  |      |               |
| H000000   | HEALTH OCCS ED TRAN<br>Health Occupations Education Transfer                                  | 30, 31                      | /  |          | NA                  |      |               |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|---------------|
|                              |  |                             |  |        |               |

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 |HOSPITALITY & TOURISM CAREER CLUSTER|  
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 RESTAURANTS AND FOOD & BEVERAGE SERVICES CAREER PATH (HTPA)  
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|         |   |        |    |        |                             |
|---------|---|--------|----|--------|-----------------------------|
| N100600 | BAKING & PASTRY ARTS<br>Baking and Pastry Arts                    | 30, 31 | /  |        |                             |
| FSS0090 | PASTRY COOK/BAKER<br>Pastry Cook/Baker                            | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| FSS0091 | PASTRY CHEF/HD BAKER<br>Pastry Chef/Head Baker                    | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| 8800500 | CULINARY ARTS<br>Culinary Arts                                    | 9-12   | /  |        |                             |
| 8800510 | CULINARY ARTS 1<br>Culinary Arts 1/Level 2                        | 9-12   | /Y | 1.0    | CULINARY 7 G<br>FAM CON SC1 |
| 8800520 | CULINARY ARTS 2<br>Culinary Arts 2/Level 2                        | 9-12   | /Y | PA 1.0 | CULINARY 7 G<br>FAM CON SC1 |
| 8800530 | CULINARY ARTS 3<br>Culinary Arts 3/Level 3                        | 9-12   | /Y | PA 1.0 | CULINARY 7 G<br>FAM CON SC1 |
| 8800540 | CULINARY ARTS 4(1)<br>Culinary Arts 4(Track 1)/Level 3            | 9-12   | /Y | 1.0    | CULINARY 7 G<br>FAM CON SC1 |
| 8800550 | CULINARY ARTS 4(2)<br>Culinary Arts 4(Track 2)/Level 3            | 9-12   | /Y | 1.0    | CULINARY 7 G<br>FAM CON SC1 |
| 8800560 | CULINARY ARTS 4(3)<br>Culinary Arts 4(Track 3)/Level 3            | 9-12   | /Y | 1.0    | CULINARY 7 G<br>FAM CON SC1 |
| N100520 | FUND FOODSERVICE<br>Fundamental Foodservice Skills                | 30, 31 | /  |        |                             |
| HMV0101 | INTRO TO FOOD PREP<br>Introduction to Food Prep                   | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| HMV0102 | COOKING METHODS<br>Cooking Methods and Techniques                 | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| N100500 | PROF CULINARY ARTS<br>Professional Culinary Arts &<br>Hospitality | 30, 31 | /  |        |                             |
| HMV0100 | FOOD PREPARATION<br>Food Preparation                              | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| HMV0170 | COOK - RESTAURANT<br>Cook - Restaurant                            | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| HMV0171 | CHEF/HEAD COOK<br>Chef/Head Cook                                  | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| HMV0126 | FOOD SERVICE MGMT<br>Food Service Management                      | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |
| N100510 | CULINARY VEG & PLANT<br>Vegetarian and Plant Based Specialty      | 30, 31 | /  |        |                             |
| FSS0211 | VEGETARIAN FOOD PREP<br>Vegetarian Food Preparation               | 30, 31 | /Y | 2.0    | CULINARY 7 G<br>FAM CON SC1 |

| PROGRAM/<br>COURSE<br>NUMBER                 | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |   |
|--|--|-----------------------------|---|--------|---|---|
|  |  |                             |   |        |   |   |
| FSS0212                                      | VEGETARIAN COOK: REST<br>Vegetarian Cook: Restaurant     | 30, 31                      | /Y  | 2.0    | CULINARY 7<br>FAM CON SC1   | G   |
| -----<br>LODGING CAREER PATH (HTPB)<br>----- |  |                             |   |        |   |   |
| N900100                                      | DIET MGMT & SUPER<br>Dietetic Management and Supervision | 30, 31                      | /   |        |   |   |
| FSS0095                                      | DIETARY MANAGER<br>Dietary Manager                       | 30, 31                      | /Y  | 2.0    | FAM CON SC1<br>SC FOOD SV7  | G   |
| V200610                                      | ENVIRONMENTAL SERS<br>Environmental Services             | 30, 31                      | /   |        |   |   |
| HEV0510                                      | JANITORS/CLEANERS<br>Janitors/Cleaners                   | 30, 31                      | /Y  | 1.0    | BLDG MAIN@7<br>CUSTODIAL@7<br>FAM CON SC1<br>HME EC OCc7  | 7 G<br>7 G  |
| HEV0511                                      | SUPERVISOR, JANITOR<br>Supervisor, Janitors              | 30, 31                      | /Y  | 1.0    | BLDG MAIN@7<br>CUSTODIAL@7<br>FAM CON SC1<br>HME EC OCc7  | 7 G<br>7 G  |
| M607010                                      | LODGING OPERATIONS<br>Lodging Operations                 | 30, 31                      | /   |        |   |   |
| HMV0740                                      | GUEST SERVICES AGENT<br>Guest Services Agent             | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7<br>MKTG 1 @2<br>MKTG MGMT 7<br>TC COOP E@7<br>TRANSPORT 7                   | G<br>G<br>G<br>G  |
| HMV0201                                      | FRONT DESK AGENT<br>Front Desk Agent                     | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM<br>BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7<br>MKTG 1 @2<br>MKTG MGMT 7<br>TC COOP E@7<br>TRANSPORT 7 | FRAMEWORK FOR SPECIFIC CTE COVERAGE<br>G<br>G<br>G<br>G |
| HMV0202                                      | LODGING MANAGERS<br>Lodging Managers                     | 30, 31                      | /Y  | 1.0    | SEE CURRICULUM<br>BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7<br>MKTG 1 @2<br>MKTG MGMT 7<br>TC COOP E@7<br>TRANSPORT 7 | FRAMEWORK FOR SPECIFIC CTE COVERAGE<br>G<br>G<br>G<br>G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER        | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|-------------------------------------|---|-----------------------------|--|--------|---|
|                                     |   |                             |  |        |   |
| N300100                             | NUTRIT & DIET CLERK<br>Nutrition and Dietetic Clerk                             | 30, 31                      | /  |        |   |
| HEV0612                             | NUT & DIET CLERK<br>Nutrition and Dietetic Clerk                                | 30, 31                      | /Y   | 2.0    | FAM CON SC1<br>SC FOOD SV7 G  |
| 8801100                             | NUTRITION & FOOD SCI<br>Nutrition and Food Science                              | 9-12                        | /  |        |   |
| 8801101                             | NUTRITION & FOOD SCI<br>Nutrition and Food Science/Level 2                      | 9-12                        | /Y   | 1.0    | FAM CON SC1<br>CULINARY 7 G<br>ANY HEALTH OCCUP G   |
| TRAVEL & TOURISM CAREER PATH (HTPC) |   |                             |  |        |   |
| 8703100                             | HOSP & TOURISM MGMT<br>Hospitality and Tourism                                  | 9-12                        | /  |        |   |
| 8850110                             | INTROD TO HOS & TOUR<br>Introduction to Hospitality and<br>Tourism/Level 2      | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>TC COOP E@7<br>TRANSPORT 7 G   |
| 8703110                             | TECH FOR HOSP & TOUR<br>Technology for Hospitality and<br>Tourism/Level 2       | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>TC COOP E@7<br>TRANSPORT@7 7 G |
| 8703120                             | HOSP & TOUR MKT MGMT<br>Hospitality and Tourism Marketing<br>Management/Level 3 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>TC COOP E@7<br>TRANSPORT@7 7 G |
| 8845130                             | HOS & TOUR INTERN<br>Hospitality and Tourism Internship<br>/Level 2             | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>TC COOP E@7<br>TRANSPORT@7 7 G |
| 8703130                             | HOSP & TOUR ENTREPRE<br>Hospitality and Tourism<br>Entrepreneurship/Level 3     | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>FAM CON SC1<br>HOTEL TRNG7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>TC COOP E@7<br>TRANSPORT@7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER       | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION  |
|------------------------------------|---|-----------------------------|--|----------|--|
|                                    |   |                             |  |          |  |
| MB11040                            | HOSPITALITY & TOURISM<br>Hospitality and Tourism  | 30, 31                      | /  |          |  |
| HMV0740                            | GUEST SERVICES AGENT<br>Guest Services Agent  | 30, 31                      | /Y   | 1.0      | BUS ED 1 @2<br>FAM CON SCI<br>HOTEL TRNG 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>TC COOP E@7<br>TRANSPORT 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| HMV0741                            | RESV & SALES AGENT<br>Reservation and Sales Agent                                       | 30, 31                      | /Y   | 2.0      | BUS ED 1 @2<br>FAM CON SCI<br>HOTEL TRNG 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>TC COOP E@7<br>TRANSPORT 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| HMV0038                            | MEET, CONV, EVENT PLAN<br>Meeting, Convention and Event<br>Planners                     | 30, 31                      | /Y   | 1.0      | BUS ED 1 @2<br>FAM CON SCI<br>HOTEL TRNG 7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>TC COOP E@7<br>TRANSPORT 7 G   |
| -----<br>GENERAL PROGRAMS<br>----- |   |                             |  |          |  |
| 8850350                            | EXPL HOSP & TOUR<br>Exploring Hospitality and Tourism<br>Careers                        | 6-8                         | /S   |          | FAM CON SCI 1 HOTEL TRNG 7 G   |
| 8850360                            | EXPL HOSP & TOUR/CP<br>Exploring Hospitality and Tourism<br>Careers and Career Planning | 6-8                         | /S   |          | FAM CON SCI 1 HOTEL TRNG 7 G   |
| 8809200                            | FUND OF CUL CAREERS<br>Fundamentals of Culinary Careers                                 | 6-8                         | /S   |          | CULINARY 7 G FAM CON SCI 1   |
| 8809300                            | FUND OF CUL CAR & CP<br>Fundamentals of Culinary Careers and<br>Career Planning         | 6-8                         | /S   |          | CULINARY 7 G FAM CON SCI 1   |
| 8800420                            | HOSP & TOUR OJT<br>Hospitality and Tourism Cooperative<br>Education OJT                 | 9-12                        | /M   | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |

| PROGRAM/<br>COURSE<br>NUMBER                   | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                       | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING |           | CERTIFICATION  |
|--|--|-----------------------------|--|----------|-----------------|-----------|----------------|
|  |  |                             |  |          | CULINARY        | ECONOMICS |                |
| 8801000  | HOSP & TOUR DIR ST<br>Hospitality and Tourism Directed<br>Study                | 11-12                       | /M   | MULTIPLE | ANY HOME        | ECONOMICS | ED G           |
|  |  |                             |  |          | CULINARY        | 7 G       | FAM CON SCI 1  |
|  |  |                             |  |          | HOTEL TRNG      | 7 G       | MKTG 1 @2      |
|  |  |                             |  |          | MKTG MGMT       | @7 7 G    | PK PRIMARY H   |
|  |  |                             |  |          | PRIMARY ED      | @B        | SC FOOD SV 7 G |
|  |  |                             |  |          | TC COOP ED      | @7        |                |
| 8500355  | NUTRITION & WELLNESS<br>Nutrition and Wellness/Level 2                         | 9-12                        | /S   | 0.5      | CULINARY        | 7 G       | FAM CON SCI 1  |
| 8500390  | PRIN OF FOOD PREP<br>Principles Of Food Preparation/<br>Level 2                | 9-12                        | /S   | 0.5      | CULINARY        | 7 G       | FAM CON SCI 1  |
| APPRENTICESHIP PROGRAMS                        |  |                             |  |          |                 |           |                |
| I20041R  | CMCL FOODS - APPR<br>Commercial Foods - Apprenticeship                         | 30, 31                      | /  |          |                 |           |                |
| I20040R  | CMCL FD& CU ART-APPR<br>Commercial Foods and Culinary Arts<br>- Apprenticeship | 30, 31                      | /  |          |                 |           |                |
| V20040R  | CUL OPS - APPR<br>Culinary Operations - Apprenticeship                         | 30, 31                      | /  |          |                 |           |                |
| -----  |  |                             |  |          |                 |           |                |
| HUMAN SERVICES CAREER CLUSTER                  |  |                             |  |          |                 |           |                |
| -----  |  |                             |  |          |                 |           |                |
| FAMILY & COMMUNITY SERVICES CAREER PATH (HMPC) |  |                             |  |          |                 |           |                |
| 8500365  | FAM & CONS SCI (FACS)<br>Family and Consumer Science (FACS)/<br>Level 2        | 9-12                        | /Y   | 1.0      | CULINARY        | 7 G       | FAM CON SCI 1  |
|  |  |                             |  |          | FASH TECH       | 7 G       | INT DES 7 G    |
|  |  |                             |  |          | PRESCH ED       | L         |                |
| 8500345  | FAMILY DYNAMICS<br>Family Dynamics/Level 2                                     | 9-12                        | /S   | 0.5      | FAM CON SCI     | 1         |                |
| 8502000  | LIF MGMT SKL<br>Life Management Skills/Level 2                                 | 9-12                        | /S   | 0.5      | FAM CON SCI     | 1         | HEALTH 6       |
|  |  |                             |  |          | PRAC NURSE      | @7 %7 %G  | REG NURSE 7 G  |
| 8500300  | PARENTING SKILLS<br>Parenting Skills/Level 2                                   | 9-12                        | /S   | 0.5      | E CHILD ED      | @0        | FAM CON SCI 1  |
|  |  |                             |  |          | PK PRIMARY      | H         | PRESCH ED L    |
|  |  |                             |  |          | PRIMARY ED      | @B        |                |



| PROGRAM/<br>COURSE<br>NUMBER              | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|---|--|-----------------------------|---|--------|---|
| PERSONAL CARE SERVICES CAREER PATH (HMPD) |  |                             |   |        |   |
| D500200                                   | ADVANCED ESTHETICS<br>Advanced Esthetics                             | 30, 31                      | /   |        |   |
| CSP0105                                   | ADV SKIN CARE 1<br>Advanced Skin Care 1                              | 30, 31                      | /Y  | 1.0    | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| CSP0106                                   | ADV SKIN CARE 2<br>Advanced Skin Care 2                              | 30, 31                      | /Y  | 1.0    | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| CSP0264                                   | FACIAL TREATMENTS<br>Facial Treatments                               | 30, 31                      | /Y  | 1.0    | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| CSP0930                                   | SPECIALTY TOPICS<br>Specialty Topics                                 | 30, 31                      | /S  |        | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| CSP0505                                   | ETHICAL BUS PRACTICE<br>Ethical Business Practices                   | 30, 31                      | /S  |        | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| CSP0940                                   | INTERNSHIP<br>Internship   | 30, 31                      | /S  |        | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| I120403                                   | BARBERING<br>Barbering   | 30, 31                      | /   |        |   |
| COS0160                                   | BARBER 1A<br>Barber 1A   | 30, 31                      | /Y  | 2.0    | BARBERING 7 G   |
| COS0161                                   | BARBER 2A<br>Barber 2A   | 30, 31                      | /Y  | 1.0    | BARBERING 7 G   |
| COS0162                                   | BARBER 3A<br>Barber 3A   | 30, 31                      | /Y  | 2.0    | BARBERING 7 G   |
| COS0163                                   | BARBER 4A<br>Barber 4A   | 30, 31                      | /Y  | 1.0    | BARBERING 7 G   |
| 8905200                                   | BARBERING<br>Barbering   | 9-12                        | /   |        |   |
| 8905210                                   | BARBER 1<br>Barber 1, Level 2  | 9-12                        | /Y PA   | 1.0    | BARBERING 7 G   |
| 8905220                                   | BARBER 2<br>Barber 2, Level 2  | 9-12                        | /Y  | 1.0    | BARBERING 7 G   |
| 8905230                                   | BARBER 3<br>Barber 3, Level 2  | 9-12                        | /Y  | 1.0    | BARBERING 7 G   |
| 8905240                                   | BARBER 4<br>Barber 4, Level 2  | 9-12                        | /Y PA   | 1.0    | BARBERING 7 G   |
| 8905100                                   | COSMETOLOGY<br>Cosmetology   | 9-12                        | /   |        |   |
| 8757210                                   | GROOM & SAL SERS 1<br>Grooming and Salon Services Core 1/<br>Level 2 | 9-12                        | /S PA   | 0.5    | COSMETOL @7 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8905120                                   | COSMETOLOGY NAILS 2<br>Cosmetology Nails 2, Level 2                  | 9-12                        | /S PA   | 0.5    | COSMETOL @7 7 G   |
| 8905130                                   | COSMETOLOGY FACIALS<br>Cosmetology Facials 3/Level 2                 | 9-12                        | /S PA   | 0.5    | COSMETOL @7 7 G   |
| 8905140                                   | COSMETOLOGY 4<br>Cosmetology 4/Level 2                               | 9-12                        | /Y PA   | 1.0    | COSMETOL @7 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                         | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |    | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---------------------------------|----|--------|---|
|                              |  |                             | GRADUATION<br>REQUIREMENTS      |    |        |   |
| 8905150                      | COSMETOLOGY 5<br>Cosmetology 5/Level 2   | 9-12                        | /Y                              | PA | 1.0    | COSMETOL @7 7 G   |
| 8905160                      | COSMETOLOGY 6<br>Cosmetology 6/Level 2   | 9-12                        | /Y                              | PA | 1.0    | COSMETOL @7 7 G   |
| 8905170                      | COSMETOLOGY 7<br>Cosmetology 7/Level 2   | 9-12                        | /Y                              | PA | 1.0    | COSMETOL @7 7 G   |
| 8905180                      | COSMETOLOGY 8<br>Cosmetology 8/Level 2   | 9-12                        | /Y                              | PA | 1.0    | COSMETOL @7 7 G   |
| 8905190                      | COSMETOLOGY 9<br>Cosmetology 9/Level 2   | 9-12                        | /M                              | PA | 1.5    | COSMETOL @7 7 G   |
| D500100                      | COSMETOLOGY<br>Cosmetology   | 30, 31                      | /                               |    |        |   |
| CSP0009                      | GROOM & SALON SRV CR<br>Grooming and Salon Services, (CORE)<br>Facials and Nails | 30, 31                      | /Y                              |    | 1.5    | COSMETOL @7 7 G   |
| COS0002                      | COSMETOLOGIST 1<br>Cosmetologist 1   | 30, 31                      | /Y                              |    | 2.0    | COSMETOL @7 7 G   |
| COS0003                      | COSMETOLOGIST 2<br>Cosmetologist 2   | 30, 31                      | /Y                              |    | 2.0    | COSMETOL @7 7 G   |
| COS0009                      | COSMETOLOGIST 3<br>Cosmetologist 3   | 30, 31                      | /Y                              |    | 2.5    | COSMETOL @7 7 G   |
| 8733000                      | DRY CLEAN & LAUNDRY<br>Dry Cleaning and Laundering                               | 9-12                        | /                               |    |        |   |
| 8733010                      | DRY CLEAN & LAUND 1<br>Dry Cleaning and Laundering 1/Level 2                     | 9-12                        | /Y                              |    | 1.0    | DRY CLEAN 7 G<br>FAB MAINT@7 7 G                                      |
| 8733020                      | DRY CLEAN & LAUND 2<br>Dry Cleaning and Laundering 2/Level 2                     | 9-12                        | /Y                              |    | 1.0    | DRY CLEAN 7 G<br>FAB MAINT@7 7 G                                      |
| 8733030                      | DRY CLEAN & LAUND 3<br>Dry Cleaning and Laundering 3/Level 2                     | 9-12                        | /Y                              |    | 1.0    | DRY CLEAN 7 G<br>FAB MAINT@7 7 G                                      |
| 8757400                      | FACIALS SPECIALTY<br>Facials Specialty   | 9-12                        | /                               |    |        |   |
| 8757210                      | GROOM & SAL SERS 1<br>Grooming and Salon Services Core 1/<br>Level 2             | 9-12                        | /S                              | PA | 0.5    | COSMETOL @7 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8757410                      | FACIALS SPECIALTY 2<br>Facials Specialty 2/Level 2                               | 9-12                        | /S                              |    | 0.5    | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| 8757420                      | FACIALS SPECIALTY 3<br>Facials Specialty 3/Level 2                               | 9-12                        | /Y                              |    | 1.0    | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| I120425                      | FACIALS SPECIALTY<br>Facials Specialty   | 30, 31                      | /                               |    |        |   |
| CSP0266                      | FACIALS SPECIALISTS<br>Facials Specialists                                       | 30, 31                      | /Y                              |    | 2.0    | COSMETOL @7 7 G<br>FACIAL TEC7 G                                      |
| 8757300                      | NAILS SPECIALTY<br>Nails Specialty   | 9-12                        | /                               |    |        |   |
| 8757210                      | GROOM & SAL SERS 1<br>Grooming and Salon Services Core 1/<br>Level 2             | 9-12                        | /S                              | PA | 0.5    | COSMETOL @7 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                           | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING                    |                 | CERTIFICATION                          |
|--|--|-----------------------------|--|----------|------------------------------------|-----------------|--|
|  |  |                             |  |          | CREDIT                             | CERTIFICATION   |  |
| 8757310  | Level 2<br>NAILS SPECIALTY 2<br>Nails Specialty 2/Level 2                          | 9-12                        | /S   | 0.5      | COSMETOL @7                        | 7 G             |  |
| 8757320  | NAILS SPECIALTY 3<br>Nails Specialty 3/Level 2                                     | 9-12                        | /Y   | 1.0      | NAIL TEC 7<br>COSMETOL @7          | 7 G<br>7 G      |  |
| I120415  | NAILS SPECIALTY<br>Nails Specialty   | 30, 31                      | /  |          |                                    |                 |  |
| CSP0016  | MANI & PEDI SPEC<br>Manicure and Pedicure Specialist                               | 30, 31                      | /Y   | 2.0      | COSMETOL @7<br>NAIL TEC 7          | 7 G<br>7 G      |  |
| 8907100  | PERSONAL TRAINER<br>Personal Trainer   | 9-12                        | /  |          |                                    |                 |  |
| 8907110  | PERSONAL TRAINER 1<br>Personal Trainer 1/Level 2                                   | 9-12                        | /Y   | 1.0      | PERS FIT T7                        | T7 G            |  |
| 8907120  | PERSONAL TRAINER 2<br>Personal Trainer 2/Level 2                                   | 9-12                        | /Y   | 1.0      | PERS FIT T7                        | T7 G            |  |
| 8907130  | PERSONAL TRAINER 3<br>Personal Trainer 3/Level 2                                   | 9-12                        | /Y   | 1.0      | PERS FIT T7                        | T7 G            |  |
| 8907140  | PERSONAL TRAINER 4<br>Personal Trainer 4/Level 2                                   | 9-12                        | /Y   | 1.0      | PERS FIT T7                        | T7 G            |  |
| -----<br>CONSUMER SERVICES CAREER PATH (HMPE)<br>----- |  |                             |  |          |                                    |                 |  |
| 8500140  | CAREER DISCOVERY<br>Career Discovery   | 6-8                         | /S   |          | FAM CON SCI                        | 1               |  |
| -----<br>SUPPLEMENTAL PROGRAMS<br>-----                |  |                             |  |          |                                    |                 |  |
| 8960370  | EX FAM & CON SCI<br>Exploring Family and Consumer<br>Sciences (FACS)               | 6-8                         | /S   |          | CULINARY<br>FASH TECH<br>PRESCH ED | 7 G<br>7 G<br>L | FAM CON SCI 1<br>INT DES 7 G           |
| 8960300  | FUND OF HUMAN SERV<br>Fundamentals of Human Service Careers                        | 6-8                         | /S   |          | FAM CON SCI                        | 1               |  |
| 8900420  | HUMAN SERVICES OJT<br>Human Services Cooperative Education<br>OJT                  | 9-12                        | /M   | MULTIPLE | BARBERING<br>FAM CON SCI           | 7 G<br>1        | COSMETOL @7 7 G<br>HME EC OCC c7 %7 %G |
| 8901000  | HUMAN SERVICES DS<br>Human Services Directed Study                                 | 11-12                       | /M   | MULTIPLE | BARBERING<br>FAM CON SCI           | 7 G<br>1        | COSMETOL @7 7 G<br>HME EC OCC c7 %7 %G |
| 8960350  | INTRO HUMAN SERVICES<br>Introduction to Human Service Careers                      | 6-8                         | /S   |          | FAM CON SCI                        | 1               |  |
| 8960360  | INTRO HUMAN SER/CP<br>Introduction to Human Service Careers<br>and Career Planning | 6-8                         | /S   |          | FAM CON SCI                        | 1               |  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT        | CERTIFICATION |
|------------------------------|--|-----------------------------|---|---------------|---------------|
|                              |  |                             |   |               |               |
| 8500230                      | PERSONAL DEVELOPMENT<br>Personal Development                       | 6-8                         | /S  | FAM CON SCI 1 | HEALTH 6      |
| 8500430                      | PERSONAL DEV&CAR&CP<br>Personal Development and Career<br>Planning | 6-8                         | /S  | FAM CON SCI 1 | HEALTH 6      |
| 8599990                      | FAM & CONS SCI TRAN<br>Family and Consumer Sciences Transfer       | 9-12                        | /   | NA            |               |
| V000000                      | FAM & CONS SCI TRAN<br>Family and Consumer Sciences Transfer       | 30, 31                      | /   | NA            |               |

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 |INFORMATION TECHNOLOGY (IT) CAREER CLUSTER|  
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 NETWORK SYSTEMS CAREER PATH (ITPA)  
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|         |   |      |    |        |   |
|---------|---|------|----|--------|---|
| 9001300 | APPLD CYBERSECURITY<br>Applied Cybersecurity                                | 9-12 | /  |        |   |
| 9001310 | IT FUNDAMENTALS<br>IT Fundamentals/Level 2                                  | 9-12 | /Y | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |
| 8207310 | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2             | 9-12 | /Y | PA 1.0 | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 9001320 | CPT & NET SECURITY<br>Computer and Network Security<br>Fundamentals/Level 3 | 9-12 | /Y | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |
| 9001330 | CYBERSECURITY ESSEN<br>Cybersecurity Essentials/Level 3                     | 9-12 | /Y | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |
| 9001340 | OPERATIONAL CYBERSEC<br>Operational Cybersecurity/Level 3                   | 9-12 | /Y | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|---|---------------|
|                              |   |                             |  |        |   |               |
| 9001350                      | CYBER PLAN & ANLY<br>Cybersecurity Planning & Analysis/<br>Level 3    | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| 9001360                      | DATABASE SECURITY<br>Database Security/Level 3                        | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| 9001370                      | SOFT & APP SECURITY<br>Software and Application Security/<br>Level 3  | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| 9001380                      | WEB SECURITY<br>Web Security/Level 3                                  | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| 9001390                      | APPLD CYBERSEC APPS<br>Applied Cybersecurity Applications/<br>Level 3 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| Y100300                      | APPLD CYBERSECURITY<br>Applied Cybersecurity                          | 30, 31                      | /  |        |   |               |
| CTS0018                      | CYBERSECURITY ASSC<br>Cybersecurity Associate                         | 30, 31                      | /Y   | 4.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| CTS0019                      | INFO SECURITY MGR<br>Information Security Manager                     | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| CTS0021                      | DATA SECURITY SPEC<br>Data Security Specialist                        | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| CTS0060                      | SOFT SECURITY SPEC<br>Software Security Specialist                    | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| CTS0085                      | WEB SECURITY SPEC<br>Web Security Specialist                          | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |
| CTS0089                      | INFO SECURITY ADMIN<br>Information Security Administrator             | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G  |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 |                 | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|-----------------|-----------------|---------------|
|                              |  |                             |  |        | COURSES MEETING | COURSES MEETING | COURSES MEETING |               |
| 9001500                      | CLOUD CPT/VIRTUALIZA<br>Cloud Computing and Virtualization                   | 9-12                        | /  |        |                 |                 |                 |               |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2              | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7      | 7 G             | G             |
|                              |  |                             |  |        |                 | BANK FINC@7     | 7 G             |               |
|                              |  |                             |  |        |                 | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMM ART @7     | 7 G             | G             |
|                              |  |                             |  |        |                 | COMP PROG 7     | G               |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
|                              |  |                             |  |        |                 | CYBER TECH7     | G               |               |
|                              |  |                             |  |        |                 | INFO TECH 7     | G               |               |
|                              |  |                             |  |        |                 | MANAG SUPV7     | G               |               |
|                              |  |                             |  |        |                 | MKTG 1 @2       |                 |               |
|                              |  |                             |  |        |                 | MKTG MGMT 7     | G               |               |
|                              |  |                             |  |        |                 | WEB DEV 7       | G               |               |
| 9001510                      | CPT ENG & SUPPORT<br>Computer Engineering & Support/<br>Level 3              | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
| 9001520                      | NETWORK ENG & SPT<br>Network Engineering & Support/Level 3                   | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
| 9001530                      | ESS OF CLOUD TECH<br>Essentials of Cloud Technology/<br>Level 3              | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
| 9001540                      | BASICS OF CLOUD CPT<br>Basics of Cloud Computing &<br>Virtualization/Level 3 | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
| 9001550                      | ADV CLOUD CPT/VIRT<br>Advanced Cloud Computing &<br>Virtualization/Level 3   | 9-12                        | /Y   |        | 1.0             | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
| Y100400                      | CLOUD CPT/VIRTUALIZA<br>Cloud Computing and Virtualization                   | 30, 31                      | /  |        |                 |                 |                 |               |
| 0TA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant                      | 30, 31                      | /Y   | PA     | 1.0             | ACCTING @7      | 7 G             | G             |
|                              |  |                             |  |        |                 | ADMIN ASST7     | G               |               |
|                              |  |                             |  |        |                 | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMM ART @7     | 7 G             | G             |
|                              |  |                             |  |        |                 | COMP PROG 7     | G               |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
|                              |  |                             |  |        |                 | INFO TECH 7     | G               |               |
|                              |  |                             |  |        |                 | MANAG SUPV7     | G               |               |
| EEV0504                      | CPT SUPPORT ASST<br>Computer Support Assistant                               | 30, 31                      | /Y   |        | 1.0             | INFO TECH 7     | G               |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
|                              |  |                             |  |        |                 | COMP SVC 7      | G               |               |
|                              |  |                             |  |        |                 | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | CYBER TECH7     | G               |               |
| CTS0026                      | NETWORK SUPPORT TECH<br>Network Support Technician                           | 30, 31                      | /Y   |        | 1.0             | BUS ED 1 @2     |                 |               |
|                              |  |                             |  |        |                 | COMP SVC 7      | G               |               |
|                              |  |                             |  |        |                 | COMPU SCI 6     |                 |               |
|                              |  |                             |  |        |                 | INFO TECH 7     | G               |               |
|                              |  |                             |  |        |                 | CYBER TECH7     | G               |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                      | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT    | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|-----------|---|
|                              |   |                             |   |           |   |
| CTS0054                      | CLOUD ANALYSIS<br>Cloud Analysis  | 30, 31                      | /Y  | 1.0       | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>INFO TECH 7 G  |
| CTS0056                      | CLOUD VIRTUAL SPEC<br>Cloud Virtualization Specialist   | 30, 31                      | /Y  | 2.0       | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>INFO TECH 7 G  |
| 9001200                      | CPT SYS & INFO TECH<br>Computer Systems & Information<br>Technology (CSIT)                    | 9-12                        | /   |           |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                               | 9-12                        | /Y  | PA<br>1.0 | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 9001210                      | CSIT FOUNDATIONS<br>Computer Systems & Information<br>Technology (CSIT) Foundations/Level 3   | 9-12                        | /Y  | 1.0       | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G   |
| 9001220                      | CSIT SYS ESSENTIALS<br>Computer Systems & Information<br>Technology System Essentials/Level 3 | 9-12                        | /Y  | 1.0       | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G   |
| 9001230                      | CSIT NET SYS CONFIG<br>CSIT Network Systems Configuration/<br>Level 3                         | 9-12                        | /Y  | 1.0       | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G   |
| 9001240                      | CSIT NET SYS DSG/ADM<br>CSIT Network Systems Design and<br>Administration/Level 3             | 9-12                        | /Y  | 1.0       | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|---|
|                              |  |                             |  |        |   |
| 9001250                      | CSIT CYBER SEC ESSEN<br>CSIT Cyber Security Essentials/<br>Level 3         | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G |
| 9001260                      | CSIT CYBER SEC-PHYS<br>CSIT Cyber Security-Physical/Level 3                | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G |
| Y100200                      | CPT SYS & INFO TECH<br>Computer Systems & Information<br>Technology (CSIT) | 30, 31                      | /  |        |   |
| CTS0082                      | CPT SYSTEMS TECH<br>Computer Systems Technician                            | 30, 31                      | /Y   | 2.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G |
| CTS0083                      | CPT NETWORK TECH<br>Computer Network Technician                            | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G |
| CTS0084                      | CPT NETWORK SPEC<br>Computer Networking Specialist                         | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G |
| CTS0069                      | CPT SECURITY TECH<br>Computer Security Technician                          | 30, 31                      | /Y   | 2.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G<br>INFO TECH 7 G |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|------------------------------|--|-----------------------------|--|--------|---------------|---|--------------|
|                              |  |                             |  |        |               | COURSES MEETING   | SUBJECT AREA |
| 9005100                      | DIGITAL MEDIA TECH<br>Digital Media Technology                     | 9-12                        | /  |        |               |   |              |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2    | 9-12                        | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |              |
| 9005110                      | DIG MEDIA FUNDAMENTA<br>Digital Media Fundamentals/Level 3         | 9-12                        | /Y   | PA     | 1.0           | BUS ED 1 @2<br>DIGI MEDIA7 G<br>INFO TECH 7 G   |              |
| 9005120                      | DIG MEDIA PROD SYS<br>Digital Media Production Systems/<br>Level 3 | 9-12                        | /Y   | PA     | 1.0           | BUS ED 1 @2<br>DIGI MEDIA7 G<br>INFO TECH 7 G   |              |
| 9005130                      | DIG MEDIA DELIVERY<br>Digital Media Delivery Systems/<br>Level 3   | 9-12                        | /Y   | PA     | 1.0           | BUS ED 1 @2<br>DIGI MEDIA7 G<br>INFO TECH 7 G   |              |
| 9005140                      | ADV DIG MEDIA SYS<br>Advanced Digital Media Systems/<br>Level 3    | 9-12                        | /Y   | PA     | 1.0           | BUS ED 1 @2<br>DIGI MEDIA7 G<br>INFO TECH 7 G   |              |
| Y500100                      | DIGITAL MEDIA TECH<br>Digital Media Technology                     | 30, 31                      | /  |        |               |   |              |
| 0TA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant            | 30, 31                      | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |              |
| DIG0080                      | DIGITAL MEDIA TECH<br>Digital Media Technician                     | 30, 31                      | /Y   |        | 4.0           | BUS ED 1 @2<br>DIGI MEDIA7 G<br>INFO TECH 7 G   |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |              |            | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|-----------------|--------------|------------|---------------|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA | GRADUATION |               |
| 8208000                      | NETWORK SUPPORT SERS<br>Network Support Services                | 9-12                        | /  |        |                 |              |            |               |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7   | 7          | G             |
|                              |   |                             |  |        |                 | BANK FINC@7  | 7          | G             |
|                              |   |                             |  |        |                 | BUS ED 1 @2  |            |               |
|                              |   |                             |  |        |                 | COMM ART @7  | 7          | G             |
|                              |   |                             |  |        |                 | COMP PROG 7  | G          |               |
|                              |   |                             |  |        |                 | COMPU SCI 6  |            |               |
|                              |   |                             |  |        |                 | CYBER TECH7  | G          |               |
|                              |   |                             |  |        |                 | INFO TECH 7  | G          |               |
|                              |   |                             |  |        |                 | MANAG SUPV7  | G          |               |
|                              |   |                             |  |        |                 | MKTG 1 @2    |            |               |
|                              |   |                             |  |        |                 | MKTG MGMT 7  | G          |               |
|                              |   |                             |  |        |                 | WEB DEV 7    | G          |               |
| 8207020                      | NETWORKING 1<br>Networking 1/Level 2                            | 9-12                        | /Y   |        | 1.0             | BOOKKEEPI@4  | 7          | G             |
|                              |   |                             |  |        |                 | BUS DP @7    | %G         |               |
|                              |   |                             |  |        |                 | BUS ED 1 @2  |            |               |
|                              |   |                             |  |        |                 | CLERICAL @7  | 7          | G             |
|                              |   |                             |  |        |                 | COMP SVC 7   | G          |               |
|                              |   |                             |  |        |                 | COMPU SCI 6  |            |               |
|                              |   |                             |  |        |                 | ELECT DP @7  | %G         |               |
|                              |   |                             |  |        |                 | SECRETAR 7   | G          |               |
|                              |   |                             |  |        |                 | TC COOP E@7  |            |               |
|                              |   |                             |  |        |                 | TEC ELEC \$7 |            |               |
|                              |   |                             |  |        |                 | VOE @7       |            |               |
|                              |   |                             |  |        |                 | INFO TECH 7  | G          |               |
|                              |   |                             |  |        |                 | CYBER TECH7  | G          |               |
| 8207030                      | NETWORKING 2 INFRAS<br>Networking 2, Infrastructure/Level 3     | 9-12                        | /Y   |        | 1.0             | BOOKKEEPI@4  | 7          | G             |
|                              |   |                             |  |        |                 | BUS DP @7    | %G         |               |
|                              |   |                             |  |        |                 | BUS ED 1 @2  |            |               |
|                              |   |                             |  |        |                 | CLERICAL @7  | 7          | G             |
|                              |   |                             |  |        |                 | COMP SVC 7   | G          |               |
|                              |   |                             |  |        |                 | COMPU SCI 6  |            |               |
|                              |   |                             |  |        |                 | ELECT DP @7  | %G         |               |
|                              |   |                             |  |        |                 | SECRETAR 7   | G          |               |
|                              |   |                             |  |        |                 | TC COOP E@7  |            |               |
|                              |   |                             |  |        |                 | TEC ELEC \$7 |            |               |
|                              |   |                             |  |        |                 | VOE @7       |            |               |
|                              |   |                             |  |        |                 | CYBER TECH7  | G          |               |
|                              |   |                             |  |        |                 | INFO TECH 7  | G          |               |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL    | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING   | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|---|---------------|
|                              |   |                             |  |        |   |               |
| 8207040                      | NETWORKING 3 INFRAS<br>Networking 3, Infrastructure/Level 3 | 9-12                        | /Y   | 1.0    | BOOKKEEPI@4 7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMP SVC 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7<br>VOE @7<br>CYBER TECH7 G<br>INFO TECH 7 G |               |
| 8207050                      | NETWORKING 4 INFRAS<br>Networking 4, Infrastructure/Level 3 | 9-12                        | /Y   | 1.0    | BOOKKEEPI@4 7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMP SVC 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7<br>VOE @7<br>CYBER TECH7 G<br>INFO TECH 7 G |               |
| 8207060                      | NETWORKING 5<br>Networking 5/Level 3                        | 9-12                        | /Y   | 1.0    | BOOKKEEPI@4 7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMP SVC 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7<br>VOE @7<br>INFO TECH 7 G<br>CYBER TECH7 G |               |
| 8207070                      | NETWORKING 6<br>Networking 6/Level 3                        | 9-12                        | /Y   | 1.0    | BOOKKEEPI@4 7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMP SVC 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7<br>VOE @7<br>INFO TECH 7 G<br>CYBER TECH7 G |               |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL    | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CAREER AND TECHNICAL EDUCATION |   |
|------------------------------|---|-----------------------------|--|--------|--------------------------------|---|
|                              |   |                             |  |        | COURSES MEETING                | CERTIFICATION   |
| B078000                      | NETWORK SUPPORT SERS<br>Network Support Services            | 30, 31                      | /  |        |                                |   |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant     | 30, 31                      | /Y   | PA     | 1.0                            | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G |
| EEV0504                      | CPT SUPPORT ASST<br>Computer Support Assistant              | 30, 31                      | /Y   |        | 1.0                            | INFO TECH 7 G<br>COMPU SCI 6<br>COMP SVC 7 G<br>BUS ED 1 @2<br>CYBER TECH7 G  |
| CTS0022                      | NET SPT HELP DESK AS<br>Network Support Help Desk Assistant | 30, 31                      | /Y   |        | 1.0                            | BUS ED 1 @2<br>COMP SVC 7 G<br>COMPU SCI 6<br>CYBER TECH7 G   |
| CTS0023                      | NET SPT ADMIN<br>Network Support Administrator              | 30, 31                      | /Y   |        | 1.0                            | INFO TECH 7 G<br>BUS ED 1 @2<br>COMP SVC 7 G<br>COMPU SCI 6   |
| CTS0024                      | SR NET ADMINISTRATOR<br>Senior Network Administrator        | 30, 31                      | /Y   |        | 1.0                            | INFO TECH 7 G<br>BUS ED 1 @2<br>COMP SVC 7 G<br>COMPU SCI 6   |
| CTS0029                      | WI RELESS NET ADMIN<br>Wireless Network Administrator       | 30, 31                      | /Y   |        | 1.0                            | INFO TECH 7 G<br>BUS ED 1 @2<br>COMP SVC 7 G<br>COMPU SCI 6   |
| EEV0317                      | DATA COMM ANALYST<br>Data Communications Analyst            | 30, 31                      | /Y   |        | 1.0                            | INFO TECH 7 G<br>CYBER TECH7 G<br>BUS ED 1 @2<br>COMP SVC 7 G<br>COMPU SCI 6  |

CAREER AND TECHNICAL EDUCATION PROGRAMS & COURSES BY CAREER CLUSTER  
COURSES MEETING  
SUBJECT AREA

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|--|--------|---|
| 8207440                      | NETWORK SYSTEM ADMIN<br>Network Systems Administration          | 9-12 /                      |  |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12 /Y                     | PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G           |
| 8207020                      | NETWORKING 1<br>Networking 1/Level 2                            | 9-12 /Y                     |  | 1.0    | BOOKKEEPI@4 7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMP SVC 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7<br>VOE @7<br>INFO TECH 7 G<br>CYBER TECH7 G |
| 8207441                      | NETWORKING 2 ADMIN<br>Networking 2, Administration/Level 3      | 9-12 /Y                     |  | 1.0    | BOOKKEEPI@4 7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMP SVC 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7<br>TC COOP E@7<br>TEC ELEC \$7<br>VOE @7<br>INFO TECH 7 G<br>CYBER TECH7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING   | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|---|---------------|
|                              |  |                             |  |        |   |               |
| 8207442                      | NETWORKING 3 ADMIN<br>Networking 3, Administration/Level 3 | 9-12                        | /Y   | 1.0    | BOOKKEEPING @4 7 G<br>BUSINESS DP @7 %G<br>BUSINESS EDUCATION 1 @2<br>CLERICAL @7 7 G<br>COMPUTER SVC 7 G<br>COMPUTER SCIENCE 6<br>ELECTRONIC DP @7 %G<br>SECRETARY 7 G<br>TECHNICAL COOPERATIVE EDUCATION @7<br>TECHNICAL ELECTRICIAN \$7<br>VOCATIONAL EDUCATION @7<br>INFORMATION TECHNOLOGY 7 G<br>CYBER TECHNOLOGY 7 G |               |
| 8207443                      | NETWORKING 4 ADMIN<br>Networking 4, Administration/Level 3 | 9-12                        | /Y   | 1.0    | BOOKKEEPING @4 7 G<br>BUSINESS DP @7 %G<br>BUSINESS EDUCATION 1 @2<br>CLERICAL @7 7 G<br>COMPUTER SVC 7 G<br>COMPUTER SCIENCE 6<br>ELECTRONIC DP @7 %G<br>SECRETARY 7 G<br>TECHNICAL COOPERATIVE EDUCATION @7<br>TECHNICAL ELECTRICIAN \$7<br>VOCATIONAL EDUCATION @7<br>INFORMATION TECHNOLOGY 7 G<br>CYBER TECHNOLOGY 7 G |               |
| 8207060                      | NETWORKING 5<br>Networking 5/Level 3                       | 9-12                        | /Y   | 1.0    | BOOKKEEPING @4 7 G<br>BUSINESS DP @7 %G<br>BUSINESS EDUCATION 1 @2<br>CLERICAL @7 7 G<br>COMPUTER SVC 7 G<br>COMPUTER SCIENCE 6<br>ELECTRONIC DP @7 %G<br>SECRETARY 7 G<br>TECHNICAL COOPERATIVE EDUCATION @7<br>TECHNICAL ELECTRICIAN \$7<br>VOCATIONAL EDUCATION @7<br>INFORMATION TECHNOLOGY 7 G<br>CYBER TECHNOLOGY 7 G |               |
| 8207070                      | NETWORKING 6<br>Networking 6/Level 3                       | 9-12                        | /Y   | 1.0    | BOOKKEEPING @4 7 G<br>BUSINESS DP @7 %G<br>BUSINESS EDUCATION 1 @2<br>CLERICAL @7 7 G<br>COMPUTER SVC 7 G<br>COMPUTER SCIENCE 6<br>ELECTRONIC DP @7 %G<br>SECRETARY 7 G<br>TECHNICAL COOPERATIVE EDUCATION @7<br>TECHNICAL ELECTRICIAN \$7<br>VOCATIONAL EDUCATION @7<br>INFORMATION TECHNOLOGY 7 G<br>CYBER TECHNOLOGY 7 G |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | /  | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   |   | CERTIFICATION |
|------------------------------|--|-----------------------------|----|--|--------|-----------------|---|---|---------------|
|                              |  |                             |    |  |        | 7               | 7 | G |               |
| B079300                      | NETWORK SYSTEM ADMIN<br>Network Systems Administration   | 30, 31                      | /  |  |        |                 |   |   |               |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant  | 30, 31                      | /Y | PA   | 1.0    | ACCTING @7      | 7 | G |               |
|                              |  |                             |    |  |        | ADMIN ASST7     | 7 | G |               |
|                              |  |                             |    |  |        | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMM ART @7     | 7 | G |               |
|                              |  |                             |    |  |        | COMP PROG 7     | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | MANAG SUPV7     | 7 | G |               |
| EEV0504                      | CPT SUPPORT ASST<br>Computer Support Assistant           | 30, 31                      | /Y |  | 1.0    | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | COMP SVC 7      | 7 | G |               |
|                              |  |                             |    |  |        | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | CYBER TECH7     | 7 | G |               |
| CTS0026                      | NETWORK SUPPORT TECH<br>Network Support Technician       | 30, 31                      | /Y |  | 1.0    | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMP SVC 7      | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | CYBER TECH7     | 7 | G |               |
| CTS0027                      | SYSTEMS ADMIN<br>Systems Administrator                   | 30, 31                      | /Y |  | 1.0    | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMP SVC 7      | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | CYBER TECH7     | 7 | G |               |
| CTS0028                      | SYSTEMS ENGINEER<br>Systems Engineer                     | 30, 31                      | /Y |  | 1.0    | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMP SVC 7      | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | CYBER TECH7     | 7 | G |               |
| CTS0029                      | WI RELESS NET ADMIN<br>Wireless Network Administrator    | 30, 31                      | /Y |  | 1.0    | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMP SVC 7      | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | CYBER TECH7     | 7 | G |               |
| EEV0317                      | DATA COMM ANALYST<br>Data Communications Analyst         | 30, 31                      | /Y |  | 1.0    | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMP SVC 7      | 7 | G |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |
|                              |  |                             |    |  |        | CYBER TECH7     | 7 | G |               |
| 9001400                      | TECH SUPPORT SERVICE<br>Technology Support Services      | 9-12                        | /  |  |        |                 |   |   |               |
| 9001410                      | IT ESSENTIALS<br>Information Essentials/Level 2          | 9-12                        | /Y |  | 1.0    | BUS ED 1 @2     |   |   |               |
|                              |  |                             |    |  |        | COMPU SCI 6     |   |   |               |
|                              |  |                             |    |  |        | INFO TECH 7     | 7 | G |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                         | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |  |  |
|---|--|-----------------------------|--|--------|---|-----------------|--|--|
|   |  |                             |  |        |   |                 |  |  |
| 8207310   | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                  | 9-12                        | /Y PA                                      | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |                 |  |  |
| 9001420   | TECH SUPPORT-CLIENT<br>Technology Support - Client Systems<br>/Level 3           | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |                 |  |  |
| 9001430   | TECH SUPPORT-NETWORK<br>Technology Support - Network Systems<br>/Level 3         | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |                 |  |  |
| 9001440   | TECH SUPPORT-SPZD TE<br>Technology Support - Specialized<br>Technologies/Level 3 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |                 |  |  |
| Y100100   | TECH SUPPORT SERVICE<br>Technology Support Services                              | 30, 31                      | /  |        |   |                 |  |  |
| CTS0059   | TECH SUPPORT SPEC<br>Technology Support Specialist                               | 30, 31                      | /Y   | 4.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |                 |  |  |
| INFORMATION SUPPORT & SERVICES CAREER PATH (ITPB) |  |                             |  |        |   |                 |  |  |
| 9003400   | APPLIED INFO TECH<br>Applied Information Technology                              | 9-12                        | /  |        |   |                 |  |  |
| 8207310   | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                  | 9-12                        | /Y PA                                      | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |                 |  |  |
| 9003410   | COMPUTER FUNDAMENTAL<br>Computer Fundamentals/Level 2                            | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |                 |  |  |
| 9003420   | WEB TECHNOLOGIES<br>Web Technologies/Level 3                                     | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |                 |  |  |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL      | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| 9003430                      | IT SYS & APPS<br>IT Systems & Applications/Level 3            | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003440                      | DATABASE ESSENTIALS<br>Database Essentials/Level 3            | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003450                      | PROG ESSENTIALS<br>Programmi ng Essentials/Level 3            | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003460                      | WEB DEV TECH<br>Web Devel opment Technologi es/Level<br>3 OR  | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003470                      | MULTIMEDIA TECH<br>Multimedi a Technologi es/Level 3          | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003480                      | CPT NETWK FUND<br>Computer Network Fundamentals/Level<br>3 OR | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003490                      | CYBERSECURITY FUND<br>Cybersecuri ty Fundamentals/Level 3     | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| Y300400                      | APPLIED INFO TECH<br>Applied Information Technology           | 30, 31                      | /   |        |   |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant       | 30, 31                      | /Y PA   | 1.0    | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G |
| CTS0072                      | IT & WEB SYSTEMS<br>IT & Web Systems                          | 30, 31                      | /Y  | 2.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| CTS0063                      | DATABASE ESSENTIALS<br>Database Essentials                    | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| CTS0030                      | PROGRAMMING FUNDS<br>Programmi ng Fundamentals                | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| CTS0073                      | WEB DEVELOP FUNDS<br>Web Development Fundamentals             | 30, 31                      | /Y PA   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| CTS0075                      | MULTIMEDIA SYSTEMS<br>Multimedi a Systems                     | 30, 31                      | /Y PA   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| CTS0025                      | COMPUTER NETWORKING<br>Computer Networking                    | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| CTS0068                      | CYBERSECURITY ESSEN<br>Cybersecurity Essentials                           | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 8206400                      | DATABASE PGM ESSEN<br>Database and Programming Essentials                 | 9-12                        | /   |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2           | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 8206410                      | DATABASE FUND<br>Database Fundamentals/Level 2                            | 11-12                       | /S  | 0.5    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| 8206420                      | DATA CONTROL & FUNC<br>Data Control and Functions/Level 2                 | 11-12                       | /S  | 0.5    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| 8206430                      | SPELZD DATAB PRGM<br>Specialized Database Programming/<br>Level 3         | 11-12                       | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| 8206440                      | SPELZD DATAB APPS<br>Specialized Database Applications/<br>Level 3        | 11-12                       | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| Y300600                      | ENTERPRISE DESKTOP<br>Enterprise Desktop and Mobile Support<br>Technology | 30, 31                      | /   |        |   |
| CTS0000                      | CPT HARDWARE FUND<br>Computer Hardware Fundamentals                       | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>INFO TECH 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G   |
| CTS0001                      | OPERATING SYS FUND<br>Operating System Fundamentals                       | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>INFO TECH 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                      | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |              | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|-----------------|--------------|---------------|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA |               |
| CTS0002                      | ADV OPERATING SYSTEM<br>Advanced Operating Systems  | 30, 31                      | /Y   | 1.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| CTS0003                      | MOBILE SECURITY FUND<br>Mobile-Security-Domain Environment<br>Fundamentals                    | 30, 31                      | /Y   | 1.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| CTS0005                      | DESKTOP SUPPORT TECH<br>Desktop Support Technician  | 30, 31                      | /Y   | 1.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| CTS0020                      | NETWORK FUNDAMENTALS<br>Network Fundamentals  | 30, 31                      | /Y   | 1.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| CTS0033                      | NETWORK TECHNICIAN<br>Network Technician  | 30, 31                      | /Y   | 1.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| Y300500                      | ENTERPRISE NETWORK<br>Enterprise Network and Server Support<br>Technology                     | 30, 31                      | /  |        |                 |              |               |
| CTS0099                      | ADV NETWORK FUND<br>Advanced Network Fundamentals   | 30, 31                      | /Y   | 1.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| CTS0066                      | IT SECURITY SPECIAL<br>Information Technology Security<br>Specialist/Certified Ethical Hacker | 30, 31                      | /Y   | 4.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |
| CTS0094                      | INTERCONNECT CISCO<br>Interconnecting Cisco Network Devices                                   | 30, 31                      | /Y   | 4.0    | BUS ED          | 1 @2         |               |
|                              |   |                             |  |        | COMPU SCI       | 6            |               |
|                              |   |                             |  |        | COMP SVC        | 7 G          |               |
|                              |   |                             |  |        | INFO TECH       | 7 G          |               |
|                              |   |                             |  |        | CYBER TECH      | 7 G          |               |
|                              |   |                             |  |        | ELECTRONI       | @7 7 G       |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                        | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| CTS0048                      | MS CERT SYSTEMS ADM<br>Microsoft Certified Systems<br>Administrator             | 30, 31                      | /Y  | 4.0    | BUS ED 1 @2<br>COMPU SCI 6<br>COMP SVC 7 G<br>INFO TECH 7 G<br>CYBER TECH7 G<br>ELECTRONI@7 7 G                     |
| 8600200                      | GIS TECHNOLOGY<br>Geospatial/Geographic Information<br>Systems (GIS) Technology | 9-12                        | /   |        |   |
| 8600260                      | INTRO TO GIS/RS TECH<br>Introduction to GIS/RS Technology/<br>Level 2           | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>ENG&TEC ED1 @2<br>TEC EN AI@7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8600270                      | ESS GIS/RS TOOLS/PRO<br>Essential GIS/RS Tools and Processes<br>/Level 2        | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>ENG&TEC ED1 @2<br>TEC EN AI@7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8600280                      | GIS/RS ANAL & MODEL<br>GIS/RS Analysis and Modeling/Level 2                     | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>ENG&TEC ED1 @2<br>TEC EN AI@7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 8600290                      | ADV GIS/RS APPS<br>Advanced GIS/RS Applications/Level 2                         | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>ENG&TEC ED1 @2<br>TEC EN AI@7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| 9003500                      | INTEGRATED IT<br>Integrated Information Technology                              | 9-12                        | /   |        |   |
| 9003510                      | IT PRINCIPLES<br>IT Principles/Level 3  | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003520                      | WEB DEVELOPMENT PRIN<br>Web Development Principles/Level 3                      | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003530                      | DATABASE PRINCIPLES<br>Database Principles/Level 3                              | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 9003540                      | PROGRAMMING PRIN<br>Programming Principles/Level 3                              | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |
| 0200335                      | AP COMPUTER SCI PRIN<br>Advanced Placement Computer Science<br>Principles       | 9-12                        | 3/Y MA  | 1.0    | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>COMPU SCI 6  |
| 9003550                      | CLOUD PRINCIPLES<br>Cloud Principles/Level 3                                    | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G   |

| PROGRAM/<br>COURSE<br>NUMBER         | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING                      |              |
|--------------------------------------|--|-----------------------------|--|--------|---|--------------------------------------|--------------|
|                                      |  |                             |  |        |   | COURSES MEETING                      | SUBJECT AREA |
| INTERACTIVE MEDIA CAREER PATH (ITPC) |  |                             |  |        |   |                                      |              |
| 8208400                              | GAME/SIM/ANI ADV APP<br>Game/Simulation/Animation Advanced<br>Applications/Level 2 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMPU SCI 6  | COMM ART @7 7 G<br>TV PRO TEC @7 7 G |              |
| 8208200                              | GAME/SIM/ANI AUD/VID<br>Game/Simulation/Animation Audio/<br>Video Effects          | 9-12                        | /  |        |   |                                      |              |
| 8207310                              | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                    | 9-12                        | /Y PA                                      | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |                                      |              |
| 8208110                              | GAME & SIM FOUND<br>Game & Simulation Foundations/Level 2                          | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G  |                                      |              |
| 8208120                              | GAME & SIM DESIGN<br>Game & Simulation Design/Level 2                              | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G  |                                      |              |
| 8208230                              | GAME/SIM AUD/SND EFF<br>Game/Simulation Audio/Sound Effects<br>/Level 2            | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G<br>COMP PROG 7 G  |                                      |              |
| 8208240                              | GAME/SIM VID/SPEC EF<br>Game/Simulation Video/Special Effects<br>/Level 2          | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G<br>COMP PROG 7 G  |                                      |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| B082200                      | GAME/SIM/ANI AUD/VID<br>Game/Simulation/Animation Audio/<br>Video Effects | 30, 31                      | /   |        |   |
| DIG0070                      | GAME/SIM DESIGNER<br>Game/Simulation Designer                             | 30, 31                      | /Y PA   | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G  |
| DIG0073                      | DIGITAL MEDIA ART<br>Digital Media Artist                                 | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G<br>COMP PROG 7 G  |
| DIG0074                      | DIGITAL MEDIA SPEC<br>Digital Media Specialist                            | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 T G<br>DIGI MEDIA7 G<br>COMP PROG 7 G  |
| 8208300                      | GAME/SIM/ANI PGM<br>Game/Simulation/Animation Programmi ng                | 9-12                        | /   |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2           | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 8208110                      | GAME & SIM FOUND<br>Game & Simulation Foundations/Level 2                 | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G  |
| 8208120                      | GAME & SIM DESIGN<br>Game & Simulation Design/Level 2                     | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|---|
|                              |  |                             |   |        |   |
| 8208330                      | GAME & SIM PROGRAM<br>Game & Simulation Programming/Level 3                | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G  |
| 8208340                      | MULTI-USER GAME&SIM<br>Multi-User Game & Simulation<br>Programming/Level 3 | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G  |
| B082300                      | GAME/SIM/ANI PGM<br>Game/Simulation/Animation Programming                  | 30, 31                      | /   |        |   |
| DIG0070                      | GAME/SIM DESIGNER<br>Game/Simulation Designer                              | 30, 31                      | /Y PA   | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G  |
| DIG0075                      | GAME/SIM PROGRAMMER<br>Game/Simulation Programmer                          | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G  |
| DIG0076                      | GAME/SIM SOFT DEV<br>Game/Simulation Software Developer                    | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>DIGI MEDIA7 G  |
| 8208100                      | GAME/SIM/ANI VIS DSN<br>Game/Simulation/Animation Visual<br>Design         | 9-12                        | /   |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2            | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  | COURSES MEETING |              |
|------------------------------|--|-----------------------------|--|--------|--|-----------------|--------------|
|                              |  |                             |  |        |  | COURSES MEETING | SUBJECT AREA |
| 8208110                      | GAME & SIM FOUND<br>Game & Simulation Foundations/Level 2          | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G |                 |              |
| 8208120                      | GAME & SIM DESIGN<br>Game & Simulation Design/Level 2              | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G |                 |              |
| 8208130                      | GAME & SIM GR ART<br>Game & Simulation Graphic Artist/<br>Level 2  | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>TV PRO TE@7 7 G<br>COMP PROG 7 G |                 |              |
| 8208140                      | GAME & SIM 3D ANI<br>Game & Simulation 3D Animation/<br>Level 2    | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>TV PRO TE@7 7 G<br>COMP PROG 7 G |                 |              |
| B082100                      | GAME/SIM/ANI VIS DSN<br>Game/Simulation/Animation Visual<br>Design | 30, 31                      | /  |        |  |                 |              |
| DIG0070                      | GAME/SIM DESIGNER<br>Game/Simulation Designer                      | 30, 31                      | /Y PA                                      | 2.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>TV PRO TE@7 7 G<br>COMP PROG 7 G<br>DIGI MEDIA7 G |                 |              |
| DIG0071                      | GAME/SIM GRAPH ART<br>Game/Simulation Graphic Artist               | 30, 31                      | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>TV PRO TE@7 7 G<br>COMP PROG 7 G |                 |              |
| DIG0072                      | GAME/SIM 3D ANIMATOR<br>Game/Simulation 3D Animator                | 30, 31                      | /Y PA                                      | 1.0    | BUS ED 1 @2<br>COMM ART @7 7 G<br>COMPU SCI 6<br>DIGI MEDIA7 G<br>TV PRO TE@7 7 G<br>COMP PROG 7 G |                 |              |



| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                           | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|------------------------------|--|-----------------------------|---|--------|---------------|---|--------------|
|                              |  |                             |   |        |               | GRADUATION  | REQUIREMENTS |
| 9005200                      | MODELING & SIMULAT<br>Modeling and Simulation                                      | 9-12                        | /   |        |               |   |              |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                    | 9-12                        | /Y PA   | 1.0    |               | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |              |
| 9005210                      | MODEL & SIM FOUNDS<br>Modeling and Simulation Foundations<br>/Level 2              | 9-12                        | /Y PA   | 1.0    |               | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |              |
| 9005220                      | MODEL & SIM DESIGN<br>Modeling and Simulation Design/<br>Level 2                   | 9-12                        | /Y PA   | 1.0    |               | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |              |
| 9005230                      | MODEL & SIM APPS<br>Modeling and Simulation Applications<br>/Level 3               | 9-12                        | /Y PA   | 1.0    |               | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |              |
| 9005240                      | MODEL & SIM PROTO<br>Modeling and Simulation Prototyping<br>and Innovation/Level 3 | 9-12                        | /Y PA   | 1.0    |               | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>ROBOTICS 7 G<br>ENG&TEC ED1 @2  |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL    | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|--|--------|-----------------|
|                              |   |                             |  |        |                 |
| Y500300                      | MODEL SIM DESIGN<br>Modeling Simulation Design              | 30, 31                      | /  |        |                 |
| CTS0770                      | MODEL SIM TECH<br>Modeling & Simulation Technician          | 30, 31                      | /Y   |        | 1.0             |
|                              |   |                             |  |        | COMPU SCI 6     |
|                              |   |                             |  |        | ENG&TEC ED1 @2  |
|                              |   |                             |  |        | ENG 7 G         |
|                              |   |                             |  |        | ENG TEC 7 G     |
|                              |   |                             |  |        | INFO TECH 7 G   |
|                              |   |                             |  |        | COMP PROG 7 G   |
|                              |   |                             |  |        | ROBOTICS 7 G    |
|                              |   |                             |  |        | BUS ED 1 @2     |
|                              |   |                             |  |        | TV PRO TE@7 7 G |
|                              |   |                             |  |        | COMM ART @7 7 G |
| CTS0771                      | MODEL SIM 2D ART<br>Modeling & Simulation 2D Artist         | 30, 31                      | /Y PA                                      | 2.0    |                 |
|                              |   |                             |  |        | COMPU SCI 6     |
|                              |   |                             |  |        | ENG&TEC ED1 @2  |
|                              |   |                             |  |        | ENG 7 G         |
|                              |   |                             |  |        | ENG TEC 7 G     |
|                              |   |                             |  |        | INFO TECH 7 G   |
|                              |   |                             |  |        | COMP PROG 7 G   |
|                              |   |                             |  |        | ROBOTICS 7 G    |
|                              |   |                             |  |        | BUS ED 1 @2     |
|                              |   |                             |  |        | TV PRO TE@7 7 G |
|                              |   |                             |  |        | COMM ART @7 7 G |
| CTS0772                      | MODEL SIM 3D ART<br>Modeling & Simulation 3D Artist         | 30, 31                      | /Y PA                                      | 2.0    |                 |
|                              |   |                             |  |        | COMPU SCI 6     |
|                              |   |                             |  |        | ENG&TEC ED1 @2  |
|                              |   |                             |  |        | ENG 7 G         |
|                              |   |                             |  |        | ENG TEC 7 G     |
|                              |   |                             |  |        | INFO TECH 7 G   |
|                              |   |                             |  |        | COMP PROG 7 G   |
|                              |   |                             |  |        | ROBOTICS 7 G    |
|                              |   |                             |  |        | BUS ED 1 @2     |
|                              |   |                             |  |        | TV PRO TE@7 7 G |
|                              |   |                             |  |        | COMM ART @7 7 G |
| CTS0773                      | MODEL SIM TEC ART<br>Modeling & Simulation Technical Artist | 30, 31                      | /Y PA                                      | 2.0    |                 |
|                              |   |                             |  |        | COMPU SCI 6     |
|                              |   |                             |  |        | ENG&TEC ED1 @2  |
|                              |   |                             |  |        | ENG 7 G         |
|                              |   |                             |  |        | ENG TEC 7 G     |
|                              |   |                             |  |        | INFO TECH 7 G   |
|                              |   |                             |  |        | COMP PROG 7 G   |
|                              |   |                             |  |        | ROBOTICS 7 G    |
|                              |   |                             |  |        | BUS ED 1 @2     |
|                              |   |                             |  |        | TV PRO TE@7 7 G |
|                              |   |                             |  |        | COMM ART @7 7 G |
| CTS0774                      | MODEL SIM DEVELOPER<br>Modeling & Simulation Developer      | 30, 31                      | /Y   | 3.0    |                 |
|                              |   |                             |  |        | COMPU SCI 6     |
|                              |   |                             |  |        | ENG&TEC ED1 @2  |
|                              |   |                             |  |        | ENG 7 G         |
|                              |   |                             |  |        | ENG TEC 7 G     |
|                              |   |                             |  |        | INFO TECH 7 G   |
|                              |   |                             |  |        | COMP PROG 7 G   |
|                              |   |                             |  |        | ROBOTICS 7 G    |
|                              |   |                             |  |        | BUS ED 1 @2     |
|                              |   |                             |  |        | TV PRO TE@7 7 G |
|                              |   |                             |  |        | COMM ART @7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING  | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|--|---------------|
|                              |  |                             |  |        |  |               |
| Y500200                      | MODEL SIM PRODUCT<br>Modeling Simulation Production                | 30, 31                      | /  |        |  |               |
| CTS0770                      | MODEL SIM TECH<br>Modeling & Simulation Technician                 | 30, 31                      | /Y   | 1.0    | COMPU SCI 6<br>ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>COMP PROG 7 G<br>ROBOTICS 7 G<br>BUS ED 1 @2<br>TV PRO TE@7 7 G<br>COMM ART @7 7 G |               |
| CTS0776                      | MODEL SIM PROGRAM 1<br>Modeling & Simulation Programmer 1          | 30, 31                      | /Y   | 2.0    | COMPU SCI 6<br>ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>COMP PROG 7 G<br>ROBOTICS 7 G<br>BUS ED 1 @2<br>TV PRO TE@7 7 G<br>COMM ART @7 7 G |               |
| CTS0777                      | MODEL SIM PROGRAM 2<br>Modeling & Simulation Programmer 2          | 30, 31                      | /Y   | 2.0    | COMPU SCI 6<br>ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>COMP PROG 7 G<br>ROBOTICS 7 G<br>BUS ED 1 @2<br>TV PRO TE@7 7 G<br>COMM ART @7 7 G |               |
| CTS0778                      | MODEL SIM ADV PROG<br>Modeling & Simulation Advanced<br>Programmer | 30, 31                      | /Y   | 2.0    | COMPU SCI 6<br>ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>COMP PROG 7 G<br>ROBOTICS 7 G<br>BUS ED 1 @2<br>TV PRO TE@7 7 G<br>COMM ART @7 7 G |               |
| CTS0774                      | MODEL SIM DEVELOPER<br>Modeling & Simulation Developer             | 30, 31                      | /Y   | 3.0    | COMPU SCI 6<br>ENG&TEC ED1 @2<br>ENG 7 G<br>ENG TEC 7 G<br>INFO TECH 7 G<br>COMP PROG 7 G<br>ROBOTICS 7 G<br>BUS ED 1 @2<br>TV PRO TE@7 7 G<br>COMM ART @7 7 G |               |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL        | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |   |  |
|------------------------------|---|-----------------------------|---|--------|---------------|---|--|
|                              |   |                             |   |        |               |   |  |
| 9001100                      | WEB DEVELOPMENT<br>Web Development                              | 9-12                        | /   |        |               |   |  |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2 | 9-12                        | /Y PA   | 1.0    |               | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |  |
| 9001110                      | FOUND OF WEB DESIGN<br>Foundations of Web Design/Level 3        | 9-12                        | /Y PA   | 1.0    |               | BUS ED 1 @2<br>VOE @7<br>TC COOP E@7<br>BUS DP @7 G<br>ELECT DP @7 G<br>CLERICAL @7 G<br>SECRETAR @7 G<br>TEC ELEC \$7 G<br>COMPU SCI 6 @2<br>COMM ART @7 7 G<br>WEB DEV 7 G                        |  |
| 9001120                      | USER INTERFACE DSN<br>User Interface Design/Level 3             | 9-12                        | /Y PA   | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7<br>WEB DEV 7 G                        |  |
| 9001130                      | WEB SCRIPT FUND<br>Web Scripting Fundamentals/Level 3           | 9-12                        | /Y PA   | 1.0    |               | BUS DP @7 %G<br>BUS ED 1 @2<br>CLERICAL @7 7 G<br>COMM ART @7 7 G<br>COMPU SCI 6<br>ELECT DP @7 %G<br>SECRETAR 7 G<br>TC COOP E@7<br>TEC ELEC a7 G<br>VOE @7<br>WEB DEV 7 G                         |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |              |
|------------------------------|--|-----------------------------|--|--------|---------------|-----------------|--------------|
|                              |  |                             |  |        |               | COURSES MEETING | SUBJECT AREA |
| 9001140                      | MEDIA INTEGRAT ESS<br>Media Integrati on Essential s/Level 3       | 9-12                        | /Y PA                                      | 1.0    |               | BUS DP @7 %G    |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | CLERICAL @7 7 G |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMPU SCI 6     |              |
|                              |  |                             |  |        |               | ELECT DP @7 %G  |              |
|                              |  |                             |  |        |               | SECRETAR 7 G    |              |
|                              |  |                             |  |        |               | TC COOP E@7     |              |
|                              |  |                             |  |        |               | TEC ELEC \$7 G  |              |
|                              |  |                             |  |        |               | VOE @7          |              |
|                              |  |                             |  |        |               | WEB DEV 7 G     |              |
| 9001150                      | E-COMM & MKT ESS<br>E-Commerce & Marketing Essential s/<br>Level 3 | 9-12                        | /Y   | 1.0    |               | BUS DP @7 %G    |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | CLERICAL @7 7 G |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMPU SCI 6     |              |
|                              |  |                             |  |        |               | ELECT DP @7 %G  |              |
|                              |  |                             |  |        |               | SECRETAR 7 G    |              |
|                              |  |                             |  |        |               | TC COOP E@7     |              |
|                              |  |                             |  |        |               | TEC ELEC \$7 G  |              |
|                              |  |                             |  |        |               | VOE @7          |              |
|                              |  |                             |  |        |               | WEB DEV 7 G     |              |
| 9001160                      | INTERACTIVITY ESS<br>Interacti vity Essential s/Level 3            | 9-12                        | /Y PA                                      | 1.0    |               | BUS DP @7 %G    |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | CLERICAL @7 7 G |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMPU SCI 6     |              |
|                              |  |                             |  |        |               | ELECT DP @7 %G  |              |
|                              |  |                             |  |        |               | SECRETAR 7 G    |              |
|                              |  |                             |  |        |               | TC COOP E@7     |              |
|                              |  |                             |  |        |               | TEC ELEC \$7 G  |              |
|                              |  |                             |  |        |               | VOE @7          |              |
|                              |  |                             |  |        |               | WEB DEV 7 G     |              |
| Y700100                      | WEB DEVELOPMENT<br>Web Development                                 | 30, 31                      | /  |        |               |                 |              |
| OTA0040                      | INFO TECH ASSISTANT<br>Informati on Technology Assi stant          | 30, 31                      | /Y PA                                      | 1.0    |               | ACCTING @7 7 G  |              |
|                              |  |                             |  |        |               | ADMIN ASST7 G   |              |
|                              |  |                             |  |        |               | BUS ED 1 @2     |              |
|                              |  |                             |  |        |               | COMM ART @7 7 G |              |
|                              |  |                             |  |        |               | COMP PROG 7 G   |              |
|                              |  |                             |  |        |               | COMPU SCI 6     |              |
|                              |  |                             |  |        |               | INFO TECH 7 G   |              |
|                              |  |                             |  |        |               | MANAG SUPV7 G   |              |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |  |
|------------------------------|--|-----------------------------|---|--------|---------------|-----------------|--|
|                              |  |                             |   |        |               |                 |  |
| CTS0070                      | WEB DESIGN FOUND<br>Web Design Foundations               | 30, 31                      | /Y PA   | 1.0    |               | BUS DP @7 %G    |  |
|                              |  |                             |   |        |               | BUS ED 1 @2     |  |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |  |
|                              |  |                             |   |        |               | COMM ART @7 7 G |  |
|                              |  |                             |   |        |               | COMPU SCI 6     |  |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |  |
|                              |  |                             |   |        |               | SECRETAR 7 G    |  |
|                              |  |                             |   |        |               | TC COOP E@7     |  |
|                              |  |                             |   |        |               | TEC ELEC \$7 G  |  |
|                              |  |                             |   |        |               | VOE @7          |  |
| CTS0071                      | WEB INTERFACE DSN<br>Web Interface Design                | 30, 31                      | /Y PA   | 1.0    |               | WEB DEV 7 G     |  |
|                              |  |                             |   |        |               | BUS DP @7 %G    |  |
|                              |  |                             |   |        |               | BUS ED 1 @2     |  |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |  |
|                              |  |                             |   |        |               | COMM ART @7 7 G |  |
|                              |  |                             |   |        |               | COMPU SCI 6     |  |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |  |
|                              |  |                             |   |        |               | SECRETAR 7 G    |  |
|                              |  |                             |   |        |               | TC COOP E@7     |  |
|                              |  |                             |   |        |               | TEC ELEC \$7 G  |  |
| CTS0049                      | WEB SCRIPTING<br>Web Scripting                           | 30, 31                      | /Y PA   | 1.0    |               | VOE @7          |  |
|                              |  |                             |   |        |               | WEB DEV 7 G     |  |
|                              |  |                             |   |        |               | BUS DP @7 %G    |  |
|                              |  |                             |   |        |               | BUS ED 1 @2     |  |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |  |
|                              |  |                             |   |        |               | COMM ART @7 7 G |  |
|                              |  |                             |   |        |               | COMPU SCI 6     |  |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |  |
|                              |  |                             |   |        |               | SECRETAR 7 G    |  |
|                              |  |                             |   |        |               | TC COOP E@7     |  |
| CTS0015                      | WEB MEDIA INTEGRAT<br>Web Media Integration              | 30, 31                      | /Y PA   | 1.0    |               | TEC ELEC \$7 G  |  |
|                              |  |                             |   |        |               | VOE @7          |  |
|                              |  |                             |   |        |               | WEB DEV 7 G     |  |
|                              |  |                             |   |        |               | BUS DP @7 %G    |  |
|                              |  |                             |   |        |               | BUS ED 1 @2     |  |
|                              |  |                             |   |        |               | CLERICAL @7 7 G |  |
|                              |  |                             |   |        |               | COMM ART @7 7 G |  |
|                              |  |                             |   |        |               | COMPU SCI 6     |  |
|                              |  |                             |   |        |               | ELECT DP @7 %G  |  |
|                              |  |                             |   |        |               | SECRETAR 7 G    |  |
| TC COOP E@7                  |  |                             |   |        |               |                 |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|---------------|
|                              |  |                             |  |        |               |

|             |  |        |       |     |                 |
|-------------|--|--------|-------|-----|-----------------|
| CTS0016     | WEB E-COMMERCE<br>Web E-Commerce       | 30, 31 | /Y    | 1.0 | BUS DP @7 %G    |
|             |  |        |       |     | BUS ED 1 @2     |
|             |  |        |       |     | CLERICAL @7 7 G |
|             |  |        |       |     | COMM ART @7 7 G |
|             |  |        |       |     | COMPU SCI 6     |
|             |  |        |       |     | ELECT DP @7 %G  |
|             |  |        |       |     | SECRETAR 7 G    |
|             |  |        |       |     | TC COOP E@7     |
|             |  |        |       |     | TEC ELEC \$7 G  |
|             |  |        |       |     | VOE @7          |
| CTS0017     | WEB INTERACTIVITY<br>Web Interactivity | 30, 31 | /Y PA | 1.0 | WEB DEV 7 G     |
|             |  |        |       |     | BUS DP @7 %G    |
|             |  |        |       |     | BUS ED 1 @2     |
|             |  |        |       |     | CLERICAL @7 7 G |
|             |  |        |       |     | COMM ART @7 7 G |
|             |  |        |       |     | COMPU SCI 6     |
|             |  |        |       |     | ELECT DP @7 %G  |
|             |  |        |       |     | SECRETAR 7 G    |
|             |  |        |       |     | TC COOP E@7     |
|             |  |        |       |     | TEC ELEC \$7 G  |
| VOE @7      |  |        |       |     |                 |
| WEB DEV 7 G |  |        |       |     |                 |

## PROGRAMMING &amp; SOFTWARE DEVELOPMENT CAREER PATH (ITPD)

|               |   |      |       |     |                 |
|---------------|---|------|-------|-----|-----------------|
| 9007400       | .NET APP DEV & PROG<br>.NET Application Development and<br>Programming    | 9-12 | /     |     |                 |
| 8207310       | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2           | 9-12 | /Y PA | 1.0 | ACCTING @7 7 G  |
|               |   |      |       |     | BANK FINC@7 7 G |
|               |   |      |       |     | BUS ED 1 @2     |
|               |   |      |       |     | COMM ART @7 7 G |
|               |   |      |       |     | COMP PROG 7 G   |
|               |   |      |       |     | COMPU SCI 6     |
|               |   |      |       |     | CYBER TECH7 G   |
|               |   |      |       |     | INFO TECH 7 G   |
|               |   |      |       |     | MANAG SUPV7 G   |
|               |   |      |       |     | MKTG 1 @2       |
| MKTG MGMT 7 G |   |      |       |     |                 |
| 9007210       | FOUND OF PROGRAMMING<br>Foundations of Programming/Level 3                | 9-12 | /Y    | 1.0 | WEB DEV 7 G     |
|               |   |      |       |     | BUS ED 1 @2     |
| 9007220       | PROCEDURAL PROGRAM<br>Procedural Programming/Level 3                      | 9-12 | /Y    | 1.0 | COMP PROG 7 G   |
|               |   |      |       |     | COMPU SCI 6     |
| 9007230       | OBJ-ORIENT PROGRAM<br>Object-Oriented Programming<br>Fundamentals/Level 3 | 9-12 | /Y    | 1.0 | BUS ED 1 @2     |
|               |   |      |       |     | COMP PROG 7 G   |
|               |   |      |       |     | COMPU SCI 6     |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                 | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |  |
|------------------------------|--|-----------------------------|---|--------|---|--|
|                              |  |                             |   |        |   |  |
| 9007410                      | .NET APP DEV FOUND<br>.NET Application Development<br>Foundation/Level 3 | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |  |
| 9007420                      | .NET APP DEV APPLIED<br>.NET Application Development Applied<br>/Level 3 | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |  |
| 9007430                      | .NET APP DEV CAP<br>.NET Application Development Capstone<br>/Level 3    | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |  |
| Y700400                      | .NET APP DEV & PROG<br>.NET Application Development and<br>Programming   | 30, 31                      | /   |        |   |  |
| 0TA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant                  | 30, 31                      | /Y PA   | 1.0    | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |  |
| CTS0041                      | CPT PROGRAMMER ASST<br>Computer Programmer Assistant                     | 30, 31                      | /Y  | 2.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |  |
| CTS0044                      | COMPUTER PROGRAMMER<br>Computer Programmer                               | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |  |
| CTS0032                      | .NET PROGRAMMER<br>.NET Programmer                                       | 30, 31                      | /Y  | 3.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |  |
| 8206500                      | BUS COMPUTER PROGRAM<br>Business Computer Programming                    | 9-12                        | /   |        |   |  |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2          | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |  |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|------------------------------|---|-----------------------------|--|--------|---------------|---|--------------|
|                              |   |                             |  |        |               | COURSES MEETING   | SUBJECT AREA |
| 8206010                      | BUSINESS CPTR PGM 1<br>Business Computer Programmi ng 1/<br>Level 2 | 9-12                        | /Y   | 1.0    |               | BOOKKEEPI@4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8206020                      | BUSINESS CPTR PGM 2<br>Business Computer Programmi ng 2/<br>Level 2 | 9-12                        | /Y   | 1.0    |               | BOOKKEEPI@4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8206030                      | BUSINESS CPTR PGM 3<br>Business Computer Programmi ng 3/<br>Level 2 | 9-12                        | /Y   | 1.0    |               | BOOKKEEPI@4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8206040                      | BUSINESS CPTR PGM 4<br>Business Computer Programmi ng 4/<br>Level 2 | 9-12                        | /Y   | 1.0    |               | BOOKKEEPI@4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8206050                      | BUSINESS CPTR PGM 5<br>Business Computer Programmi ng 5/<br>Level 3 | 9-12                        | /Y   | 1.0    |               | BOOKKEEPI@4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |
| 8206060                      | BUSINESS CPTR PGM 6<br>Business Computer Programmi ng 6/<br>Level 3 | 9-12                        | /Y   | 1.0    |               | BOOKKEEPI@4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                      | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS  | CERTIFICATION   |
|------------------------------|---|-----------------------------|--|--------|--|---|
|                              |   |                             |  |        |  |   |
| 8206070                      | BUSINESS CPTR PGM 7<br>Business Computer Programmi ng 7/<br>Level 3           | 9-12                        | /Y   | 1.0    | BOOKKEEPI @4 @7 G<br>BUS DP @7 %G<br>BUS ED 1 @2<br>COMPU SCI 6<br>ELECT DP @7 %G<br>TC COOP E@7<br>TEC ELEC \$7 G<br>VOE @7 |   |
| 9007600                      | CPT SCIENCE PRIN<br>Computer Science Principles                               | 9-12                        | /  |        |  |   |
| 9007610                      | ADVANCED IT<br>Advanced Information Technology/<br>Level 3                    | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6  |   |
| 9007210                      | FOUND OF PROGRAMMING<br>Foundations of Programmi ng/Level 3                   | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6  |   |
| 9007220                      | PROCEDURAL PROGRAM<br>Procedural Programmi ng/Level 3 OR                      | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6  |   |
| 0200335                      | AP COMPUTER SCI PRIN<br>Advanced Placement Computer Science<br>Principles     | 9-12                        | 3/Y  | MA     | 1.0  | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>COMPU SCI 6  |
| 9007230                      | OBJ-ORIENT PROGRAM<br>Object-Oriented Programmi ng<br>Fundamentals/Level 3 OR | 9-12                        | /Y   |        | 1.0  | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 0200320                      | AP COMPUTER SCI A<br>Advanced Placement Computer Science A                    | 9-12                        | 3/Y  | MA     | 1.0  | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>COMPU SCI 6  |
| 9007300                      | DB APP DEV & PROG<br>Database Application Development and<br>Programmi ng     | 9-12                        | /  |        |  |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2               | 9-12                        | /Y   | PA     | 1.0  | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 9007210                      | FOUND OF PROGRAMMING<br>Foundations of Programmi ng/Level 3                   | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6  |   |
| 9007220                      | PROCEDURAL PROGRAM<br>Procedural Programmi ng/Level 3                         | 9-12                        | /Y   | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6  |   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|-----------------|-----------------|---------------|
|                              |   |                             |  |        | COURSES MEETING | SUBJECT AREA    |               |
| 9007230                      | OBJ-ORIENT PROGRAM<br>Object-Oriented Programming<br>Fundamentals/Level 3 | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
| 9007310                      | DB DSGN & SQL PROG<br>Database Design and SQL Programming<br>/Level 3     | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
| 9007320                      | SQL EXT LANGUAGES 1<br>SQL Extension Languages 1/Level 3                  | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
| 9007330                      | SQL EXT LANGUAGES 2<br>SQL Extension Languages 2/Level 3                  | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
| 9007340                      | CUST DB PROGRAMMING<br>Custom Database Programming/Level 3                | 9-12                        | /Y   | 1.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
| Y700300                      | DB APP DEV & PROG<br>Database Application Development and<br>Programming  | 30, 31                      | /  |        |                 |                 |               |
| 0TA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant                   | 30, 31                      | /Y   | PA     | 1.0             | ACCTING @7 7 G  |               |
|                              |   |                             |  |        |                 | ADMIN ASST7 G   |               |
|                              |   |                             |  |        |                 | BUS ED 1 @2     |               |
|                              |   |                             |  |        |                 | COMM ART @7 7 G |               |
|                              |   |                             |  |        |                 | COMP PROG 7 G   |               |
|                              |   |                             |  |        |                 | COMPU SCI 6     |               |
|                              |   |                             |  |        |                 | INFO TECH 7 G   |               |
|                              |   |                             |  |        |                 | MANAG SUPV7 G   |               |
| CTS0041                      | CPT PROGRAMMER ASST<br>Computer Programmer Assistant                      | 30, 31                      | /Y   | 2.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
|                              |   |                             |  |        |                 | COMPU SCI 6     |               |
| CTS0044                      | COMPUTER PROGRAMMER<br>Computer Programmer                                | 30, 31                      | /Y   | 1.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
|                              |   |                             |  |        |                 | COMPU SCI 6     |               |
| CTS0062                      | DATABASE PROGRAMMER<br>Database Programmer                                | 30, 31                      | /Y   | 4.0    | BUS ED 1 @2     | COMP PROG 7 G   |               |
|                              |   |                             |  |        |                 | COMPU SCI 6     |               |
| 9007200                      | JAVA DEV & PROGRAM<br>Java Development and Programming                    | 9-12                        | /  |        |                 |                 |               |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2           | 9-12                        | /Y   | PA     | 1.0             | ACCTING @7 7 G  |               |
|                              |   |                             |  |        |                 | BANK FINC@7 7 G |               |
|                              |   |                             |  |        |                 | BUS ED 1 @2     |               |
|                              |   |                             |  |        |                 | COMM ART @7 7 G |               |
|                              |   |                             |  |        |                 | COMP PROG 7 G   |               |
|                              |   |                             |  |        |                 | COMPU SCI 6     |               |
|                              |   |                             |  |        |                 | CYBER TECH7 G   |               |
|                              |   |                             |  |        |                 | INFO TECH 7 G   |               |
|                              |   |                             |  |        |                 | MANAG SUPV7 G   |               |
|                              |   |                             |  |        |                 | MKTG 1 @2       |               |
|                              |   |                             |  |        |                 | MKTG MGMT 7 G   |               |
|                              |   |                             |  |        |                 | WEB DEV 7 G     |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                    | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| 9007210                      | FOUND OF PROGRAMMING<br>Foundations of Programming/Level 3                  | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007220                      | PROCEDURAL PROGRAM<br>Procedural Programming/Level 3                        | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007230                      | OBJ-ORIENT PROGRAM<br>Object-Oriented Programming<br>Fundamentals/Level 3   | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007240                      | JAVA PROGRAM ESSEN<br>Java Programming Essentials/Level 3                   | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007250                      | APPL OBJ-OR JAVA PRO<br>Applied Object-Oriented Java<br>Programming/Level 3 | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007260                      | JAVA DB PROGRAMMING<br>Java Database Programming/Level 3                    | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007270                      | JAVA PROGRAM CAP<br>Java Programming Capstone/Level 3                       | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| Y700200                      | JAVA DEV & PROGRAM<br>Java Development and Programming                      | 30, 31                      | /   |        |   |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant                     | 30, 31                      | /Y PA   | 1.0    | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G |
| CTS0041                      | CPT PROGRAMMER ASST<br>Computer Programmer Assistant                        | 30, 31                      | /Y  | 2.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| CTS0044                      | COMPUTER PROGRAMMER<br>Computer Programmer                                  | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| CTS0031                      | JAVA DEVELOPER<br>Java Developer  | 30, 31                      | /Y  | 4.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|---|--------|---|
|                              |   |                             |   |        |   |
| 9007500                      | WEB APPL DEV & PROG<br>Web Application Development and<br>Programming     | 9-12                        | /   |        |   |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2           | 9-12                        | /Y PA   | 1.0    | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |
| 9007210                      | FOUND OF PROGRAMMING<br>Foundations of Programming/Level 3                | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007220                      | PROCEDURAL PROGRAM<br>Procedural Programming/Level 3                      | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007230                      | OBJ-ORIENT PROGRAM<br>Object-Oriented Programming<br>Fundamentals/Level 3 | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007510                      | WEB PROGRAMMING<br>Web Programming/Level 3                                | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007520                      | JAVASCRIPT PROGRAM<br>JavaScript Programming/Level 3                      | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| 9007530                      | PHP PROGRAM<br>PHP Programming/Level 3                                    | 9-12                        | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| Y700500                      | WEB APPL DEV & PROG<br>Web Application Development and<br>Programming     | 30, 31                      | /   |        |   |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant                   | 30, 31                      | /Y PA   | 1.0    | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |
| CTS0041                      | CPT PROGRAMMER ASST<br>Computer Programmer Assistant                      | 30, 31                      | /Y  | 2.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |
| CTS0044                      | COMPUTER PROGRAMMER<br>Computer Programmer                                | 30, 31                      | /Y  | 1.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |  |
|------------------------------|---|-----------------------------|---|--------|---|--|
|                              |   |                             |   |        |   |  |
| CTS0034                      | WEB PROGRAMMER<br>Web Programmer  | 30, 31                      | /Y  | 3.0    | BUS ED 1 @2<br>COMP PROG 7 G<br>COMPU SCI 6                 |  |
| MIDDLE SCHOOL PROGRAMS       |   |                             |   |        |   |  |
| 9009200                      | CODING FUNDAMENTALS<br>Coding Fundamentals  | 6-8                         | /M  |        | BUS ED 1 @2<br>COMPU SCI 6<br>WEB DEV 7 G                   | COMP PROG 7 G<br>INFO TECH 7 G                   |
| 9009600                      | DIGITAL DISCOVERIES<br>Digital Discoveries in Society                                     | 6-8                         | /Y  |        | BUS ED 1 @2<br>INFO TECH 7 G                                | COMPU SCI 6<br>WEB DEV 7 G                       |
| 9009350                      | EXPLOR IT CAREERS<br>Exploring Information Technology<br>Careers                          | 6-8                         | /S  |        | BUS ED 1 @2<br>COMPU SCI 6<br>DIGI MEDIA 7 G<br>WEB DEV 7 G | COMP PROG 7 G<br>CYBER TECH 7 G<br>INFO TECH 7 G |
| 9009360                      | EXPLOR IT CAREERS/CP<br>Exploring Information Technology<br>Careers and Career Planning   | 6-8                         | /S  |        | BUS ED 1 @2<br>COMPU SCI 6<br>DIGI MEDIA 7 G<br>WEB DEV 7 G | COMP PROG 7 G<br>CYBER TECH 7 G<br>INFO TECH 7 G |
| 9009400                      | FUND OF NET & INFO<br>Fundamentals of Networking and<br>Information Support               | 6-8                         | /S  |        | BUS ED 1 @2<br>CYBER TECH 7 G                               | COMPU SCI 6<br>INFO TECH 7 G                     |
| 9009500                      | FUND OF WEB & SOFT<br>Fundamentals of Web and Software<br>Development                     | 6-8                         | /Y  |        | BUS ED 1 @2<br>COMPU SCI 6<br>WEB DEV 7 G                   | COMP PROG 7 G<br>INFO TECH 7 G                   |
| 9009100                      | INFO & COMM TECH ESS<br>Information and Communications<br>Technology (ICT) Essentials     | 6-8                         | /   |        |   |  |
| 9009110                      | INFO & COMM TECH 1<br>Information and Communications<br>Technology (ICT) Essentials 1     | 6-8                         | /Y  |        | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G<br>WEB DEV 7 G  |  |
| 9009120                      | INFO & COMM TECH 2<br>Information and Communications<br>Technology (ICT) Essentials 2     | 6-8                         | /Y  |        | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G<br>WEB DEV 7 G  |  |
| 9009130                      | INFO & COMM TECH 3<br>Information and Communications<br>Technology (ICT) Essentials 3     | 6-8                         | /Y  |        | BUS ED 1 @2<br>COMPU SCI 6<br>INFO TECH 7 G<br>WEB DEV 7 G  |  |
| 9009370                      | ICT & CAREER PLAN<br>Information and Communications<br>Technology (ICT) Essentials and CP | 6-8                         | /Y  |        |   |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING |              | CERTIFICATION  |
|------------------------------|--|-----------------------------|--|----------|-----------------|--------------|----------------|
|                              |  |                             |  |          | COURSES MEETING | SUBJECT AREA |                |
| 9009110                      | INFO & COMM TECH 1<br>Information and Communications<br>Technology (ICT) Essentials 1                      | 6-8                         | /Y   |          | BUS ED          | 1 @2         |                |
|                              |  |                             |  |          | COMPU SCI       | 6            |                |
|                              |  |                             |  |          | INFO TECH       | 7 G          |                |
|                              |  |                             |  |          | WEB DEV         | 7 G          |                |
| 9009120                      | INFO & COMM TECH 2<br>Information and Communications<br>Technology (ICT) Essentials 2                      | 6-8                         | /Y   |          | BUS ED          | 1 @2         |                |
|                              |  |                             |  |          | COMPU SCI       | 6            |                |
|                              |  |                             |  |          | INFO TECH       | 7 G          |                |
|                              |  |                             |  |          | WEB DEV         | 7 G          |                |
| 9009140                      | INFO & COMM TECH CP<br>Information & Communications<br>Technology Essentials Career and<br>Career Planning | 6-8                         | /Y   |          | BUS ED          | 1 @2         |                |
|                              |  |                             |  |          | COMPU SCI       | 6            |                |
|                              |  |                             |  |          | INFO TECH       | 7 G          |                |
|                              |  |                             |  |          | WEB DEV         | 7 G          |                |
| 9000420                      | IT OJT<br>Information Technology Cooperative<br>Education OJT  | 9-12                        | /M   | MULTIPLE | BUS ED          | 1 @2         | COMP PROG 7 G  |
|                              |  |                             |  |          | CYBER TECH      | 7 G          | DIGI MEDIA 7 G |
|                              |  |                             |  |          | INFO TECH       | 7 G          | WEB DEV 7 G    |
| 9000100                      | IT DIRECTED STUDY<br>Information Technology Directed Study   | 11-12                       | /M   | MULTIPLE | BUS ED          | 1 @2         | COMP PROG 7 G  |
|                              |  |                             |  |          | COMPU SCI       | 6            | CYBER TECH 7 G |
|                              |  |                             |  |          | DIGI MEDIA      | 7 G          | INFO TECH 7 G  |
|                              |  |                             |  |          | WEB DEV         | 7 G          |                |

## APPRENTICESHIP PROGRAMS

|         |   |        |   |  |  |  |  |
|---------|---|--------|---|--|--|--|--|
| I47011R | CPT SYSS TECH- APPR<br>Computer Systems Technology -<br>Apprenticeship                              | 30, 31 | / |  |  |  |  |
| T86002R | GIS TECH- APPR<br>Geospatial/Geographic Information<br>Systems (GIS) Technology -<br>Apprenticeship | 30, 31 | / |  |  |  |  |
| Y30030R | INFO TECH - APPR<br>Information Technology -<br>Apprenticeship                                      | 30, 31 | / |  |  |  |  |
| B07040R | PC SUPPORT SERS- APPR<br>PC Support Services - Apprenticeship                                       | 30, 31 | / |  |  |  |  |

## |LAW, PUBLIC SAFETY &amp; SECURITY CAREER CLUSTER|

## CORRECTION SERVICES CAREER PATH (LWPA)

|         |   |        |    |  |          |        |  |
|---------|---|--------|----|--|----------|--------|--|
| P430102 | CORRECTIONAL OFFICER<br>Correctional Officer (Traditional<br>Correctional BRTP) | 30, 31 | /  |  |          |        |  |
| CJK0300 | INTRO TO CORRECTIONS<br>Introduction to Corrections                             | 30, 31 | /S |  | CORR OFF | 7 G    |  |
|         |   |        |    |  | LAW ENF  | @7 7 G |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                         | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|-----------------|---------------|
|                              |  |                             |  |        | COURSES MEETING | COURSES MEETING |               |
| CJK0305                      | COMMUNICATIONS<br>Communications   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| CJK0310                      | OFFICER SAFETY<br>Officer Safety   | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0315                      | FACILITY & EQUIP<br>Facility and Equipment                                       | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| CJK0320                      | INTAKE & RELEASE<br>Intake and Release   | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0325                      | SPRV CORR FACILITY<br>Supervising in a Correctional<br>Facility                  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| CJK0330                      | SPRV SP POPULATIONS<br>Supervising Special Populations                           | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0335                      | RESP INCIDENT & EMER<br>Responding to Incidents and<br>Emergencies               | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| <sup>a</sup> CJK0031         | CMS FIRST AIDE/CJO<br>CMS First Aide for Criminal Justice<br>Officer             | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0040                      | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms                            | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 G             |               |
| <sup>a</sup> CJK0051         | CMS CRIM JUST DEF TA<br>CMS Criminal Justice Defensive Tactics                   | 30, 31                      | /S   | 0.5    | LAW ENF         | @7 7 G          |               |
| CJK0340                      | OFF WELLNESS & PA<br>Officer Wellness and Physical<br>Abilities                  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| P430153                      | CORR PROBATION OFR<br>Correctional Probation Officer                             | 30, 31                      | /  |        | LAW ENF         | @7 7 G          |               |
| CJK0260                      | INTRO TO CORR PROBAT<br>Introduction to Correctional<br>Probation                | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| CJK0264                      | LEGAL FOUNDATIONS CP<br>Legal Foundations for Correctional<br>Probation Officers | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0265                      | COMMUNICATIONS<br>Communications   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| CJK0266                      | INTAKE & ORIENTATION<br>Intake and Orientation                                   | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0267                      | CASELOAD MGMT CP<br>Caseload Management for Correctional<br>Probation            | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
| CJK0268                      | SPVR OF OFFENDERS<br>Supervision of Offenders                                    | 30, 31                      | /S   | 0.5    | LAW ENF         | @7 7 G          |               |
| CJK0269                      | FIELD SUPERVISION<br>Field Supervision   | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 G             |               |
| <sup>a</sup> CJK0031         | CMS FIRST AIDE/CJO<br>CMS First Aide for Criminal Justice<br>Officer             | 30, 31                      | /S   |        | LAW ENF         | @7 7 G          |               |
| CJK0040                      | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms                            | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 G             |               |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   |   |
|------------------------------|---|-----------------------------|--|--------|-----------------|---|---|
|                              |   |                             |  |        | CERTIFICATION   |   |   |
| <sup>a</sup> CJK0051         | CMS CRIM JUST DEF TA<br>CMS Criminal Justice Defensive Tactics                                  | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 | G |
| CJK0281                      | CRIM JUST OFF PHYS<br>Criminal Justice Officer Physical<br>Fitness Training                     | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| P430123                      | CORR PROBATION OFR<br>Correctional Probation Officer  | 30, 31                      | /  |        | CORR OFF        | 7 | G |
| CJK0002                      | INTRO TO LAW ENFORCE<br>Introduction to Law Enforcement   | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0016                      | COMMUNICATION<br>Communication  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0018                      | LEGAL<br>Legal  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0019                      | INTERVIEW & REPORT<br>Interviewing and Report Writing   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0063                      | FUNDS OF PATROL<br>Fundamentals of Patrol   | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0021                      | SERVING COMMUNITY<br>Serving Your Community   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0072                      | CRIMES AGAINST PERSO<br>Crimes Against Persons  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0073                      | CRIMES INV PROP/SOC<br>Crimes Involving Property and Society                                    | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0079                      | CRIME SCENE FOL INVE<br>Crime Scene Follow-up Investigations                                    | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0400                      | TRAFFIC INCIDENTS<br>Traffic Incidents  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0401                      | TRAFFIC STOPS<br>Traffic Stops  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0402                      | TRAF CRASH INVEST<br>Traffic Crash Investigations   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0403                      | DUI TRAFFIC STOPS<br>DUI Traffic Stops  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0093                      | CRITICAL INCIDENTS<br>Critical Incidents  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0393                      | CROSSOVER PROG UPDAT<br>Crossover Program Updates   | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0020                      | CMS LAW ENF VEH OPS<br>CMS Law Enforcement Vehicle<br>Operations                                | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0421                      | ELEC WEAP/DF STUNGUN<br>Conducted Electrical Weapon/Dart-<br>Firing Stun Gun                    | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| P430132                      | CROSSOVER CO TO CPO<br>Crossover from Correctional Officer<br>to Correctional Probation Officer | 30, 31                      | /  |        | CORR OFF        | 7 | G |
| CJK0260                      | INTRO TO CORR PROBAT<br>Introduction to Correctional<br>Probation                               | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|-----------------|---------------|
|                              |  |                             |  |        | COURSES MEETING | COURSES MEETING |               |
| CJK0264                      | LEGAL FOUNDATIONS CP<br>Legal Foundations for Correctional<br>Probation Officers             | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0266                      | INTAKE & ORIENTATION<br>Intake and Orientation   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0267                      | CASELOAD MGMT CP<br>Caseload Management for Correctional<br>Probation                        | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0268                      | SPVR OF OFFENDERS<br>Supervision of Offenders  | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0269                      | FIELD SUPERVISION<br>Field Supervision   | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0393                      | CROSSOVER PROG UPDAT<br>Crossover Program Updates  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| P430125                      | CROSSOVER CO TO LEO<br>Crossover from Correctional Officer<br>to Law Enforcement Officer     | 30, 31                      | /  |        |                 |                 |               |
| CJK0002                      | INTRO TO LAW ENFORCE<br>Introduction to Law Enforcement                                      | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0016                      | COMMUNICATION<br>Communication   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0018                      | LEGAL<br>Legal   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0019                      | INTERVIEW & REPORT<br>Interviewing and Report Writing  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0063                      | FUNDS OF PATROL<br>Fundamentals of Patrol  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0021                      | SERVING COMMUNITY<br>Serving Your Community  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0072                      | CRIMES AGAINST PERSO<br>Crimes Against Persons   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0073                      | CRIMES INV PROP/SOC<br>Crimes Involving Property and Society                                 | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0079                      | CRIME SCENE FOL INVE<br>Crime Scene Follow-up Investigations                                 | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0400                      | TRAFFIC INCIDENTS<br>Traffic Incidents   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0401                      | TRAFFIC STOPS<br>Traffic Stops   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0402                      | TRAF CRASH INVEST<br>Traffic Crash Investigations  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0403                      | DUI TRAFFIC STOPS<br>DUI Traffic Stops   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0093                      | CRITICAL INCIDENTS<br>Critical Incidents   | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0393                      | CROSSOVER PROG UPDAT<br>Crossover Program Updates  | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |
| CJK0096                      | CJ OFF PHYS FIT TRA<br>Criminal Justice Officer Physical<br>Fitness Training/Law Enforcement | 30, 31                      | /S   |        | CORR OFF        | 7 G             |               |
|                              |  |                             |  |        | LAW ENF         | @7 7 G          |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---------------|
|                              |  |                             |   |        |               |
| P430152                      | CROSSOVER LEO TO CO<br>Crossover from Law Enforcement<br>Officer to Correctional Officer   | 30, 31                      | /   |        |               |
| CJK0300                      | INTRO TO CORRECTIONS<br>Introduction to Corrections  | 30, 31                      | /S  |        |               |
| CJK0305                      | COMMUNICATIONS<br>Communications   | 30, 31                      | /S  |        |               |
| CJK0310                      | OFFICER SAFETY<br>Officer Safety   | 30, 31                      | /S  |        |               |
| CJK0315                      | FACILITY & EQUIP<br>Facility and Equipment   | 30, 31                      | /S  |        |               |
| CJK0320                      | INTAKE & RELEASE<br>Intake and Release   | 30, 31                      | /S  |        |               |
| CJK0325                      | SPRV CORR FACILITY<br>Supervising in a Correctional<br>Facility  | 30, 31                      | /S  |        |               |
| CJK0330                      | SPRV SP POPULATIONS<br>Supervising Special Populations   | 30, 31                      | /S  |        |               |
| CJK0335                      | RESP INCIDENT & EMER<br>Responding to Incidents and<br>Emergencies   | 30, 31                      | /S  |        |               |
| CJK0393                      | CROSSOVER PROG UPDAT<br>Crossover Program Updates  | 30, 31                      | /S  |        |               |
| P430255                      | FBRTTP: CORR BASIC SP<br>FL Basic Recruit Training Program:<br>Corrections Basic Recruit Training<br>for Special Operations Recruits | 30, 31                      | /   |        |               |
| CJK0300                      | INTRO TO CORRECTIONS<br>Introduction to Corrections  | 30, 31                      | /S  |        |               |
| CJK0305                      | COMMUNICATIONS<br>Communications   | 30, 31                      | /S  |        |               |
| CJK0310                      | OFFICER SAFETY<br>Officer Safety   | 30, 31                      | /S  |        |               |
| CJK0315                      | FACILITY & EQUIP<br>Facility and Equipment   | 30, 31                      | /S  |        |               |
| CJK0320                      | INTAKE & RELEASE<br>Intake and Release   | 30, 31                      | /S  |        |               |
| CJK0325                      | SPRV CORR FACILITY<br>Supervising in a Correctional<br>Facility  | 30, 31                      | /S  |        |               |
| CJK0330                      | SPRV SP POPULATIONS<br>Supervising Special Populations   | 30, 31                      | /S  |        |               |
| CJK0335                      | RESP INCIDENT & EMER<br>Responding to Incidents and<br>Emergencies   | 30, 31                      | /S  |        |               |
| CJK0032                      | CMS FIRST AID PROF<br>CMS First Aid for Criminal Justice<br>Officers Proficiency   | 30, 31                      | /S  |        |               |
| CJK0041                      | CMS CJ FIREARMS PROF<br>CMS Criminal Justice Firearms<br>Proficiency   | 30, 31                      | /S  |        |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                  |
|------------------------------|---|-----------------------------|---|--------|--------------------------------|
|                              |   |                             |   |        |                                |
| CJK0052                      | CMS CJ DEFENSIVE TAC<br>CMS Criminal Justice Defensive Tactics<br>Proficiency   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| P430256                      | FLBRT: CORR PRO SPOPS<br>FL Basic Recruit Training Program:<br>Correctional Probation Basic                                     | 30, 31                      | /   |        |                                |
| CJK0260                      | INTRO TO CORR PROBAT<br>Introduction to Correctional<br>Probation   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0264                      | LEGAL FOUNDATIONS CP<br>Legal Foundations for Correctional<br>Probation Officers  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0265                      | COMMUNICATIONS<br>Communications  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0266                      | INTAKE & ORIENTATION<br>Intake and Orientation  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0267                      | CASELOAD MGMT CP<br>Caseload Management for Correctional<br>Probation   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0268                      | SPVR OF OFFENDERS<br>Supervision of Offenders   | 30, 31                      | /S  | 0.5    | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0269                      | FIELD SUPERVISION<br>Field Supervision  | 30, 31                      | /S  | 0.5    | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0032                      | CMS FIRST AID PROF<br>CMS First Aid for Criminal Justice<br>Officers Proficiency  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0041                      | CMS CJ FIREARMS PROF<br>CMS Criminal Justice Firearms<br>Proficiency  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0052                      | CMS CJ DEFENSIVE TAC<br>CMS Criminal Justice Defensive Tactics<br>Proficiency   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| <sup>a</sup> P430232         | FLBRT: CORR PRO SPOPS<br>FL Basic Recruit Training Program:<br>Correctional Probation Basic<br>Recruit Training for Special Ops | 30, 31                      | /   |        |                                |
| CJK0260                      | INTRO TO CORR PROBAT<br>Introduction to Correctional Probation  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0264                      | LEGAL FOUNDATIONS CP<br>Legal Foundations for Correctional<br>Probation Officers  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0265                      | COMMUNICATIONS<br>Communications  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0266                      | INTAKE & ORIENTATION<br>Intake and Orientation  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0267                      | CASELOAD MGMT CP<br>Caseload Management for Correctional<br>Probation   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0268                      | SPVR OF OFFENDERS<br>Supervision of Offenders   | 30, 31                      | /S  | 0.5    | CORR OFF 7 G<br>LAW ENF @7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   |   |
|------------------------------|---|-----------------------------|--|--------|-----------------|---|---|
|                              |   |                             |  |        | CERTIFICATION   |   |   |
| CJK0269                      | FIELD SUPERVISION<br>Field Supervision  | 30, 31                      | /S   | 0.5    | CORR OFF        | 7 | G |
| CJK0032                      | CMS FIRST AID PROF<br>CMS First Aid for Criminal Justice  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0052                      | CMS CJ DEFENSIVE TAC<br>CMS Criminal Justice Defensive Tactics<br>Proficiency   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| P430225                      | FBRTTP: LAW ENF SP OPS<br>FL Basic Recruits Training Program:<br>Law Enforcement Basic Training for<br>Special Operations Forces Recruits | 30, 31                      | /  |        |                 |   |   |
| CJK0002                      | INTRO TO LAW ENFORCE<br>Introduction to Law Enforcement   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0016                      | COMMUNICATION<br>Communication  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0018                      | LEGAL<br>Legal  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0019                      | INTERVIEW & REPORT<br>Interviewing and Report Writing   | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0063                      | FUNDS OF PATROL<br>Fundamentals of Patrol   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0021                      | SERVING COMMUNITY<br>Serving Your Community   | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0072                      | CRIMES AGAINST PERSO<br>Crimes Against Persons  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0073                      | CRIMES INV PROP/SOC<br>Crimes Involving Property and Society  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0079                      | CRIME SCENE FOL INVE<br>Crime Scene Follow-up Investigations  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0400                      | TRAFFIC INCIDENTS<br>Traffic Incidents  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0401                      | TRAFFIC STOPS<br>Traffic Stops  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0402                      | TRAF CRASH INVEST<br>Traffic Crash Investigations   | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0403                      | DUI TRAFFIC STOPS<br>DUI Traffic Stops  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0020                      | CMS LAW ENF VEH OPS<br>CMS Law Enforcement Vehicle<br>Operations  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0032                      | CMS FIRST AID PROF<br>CMS First Aid for Criminal Justice<br>Officers Proficiency  | 30, 31                      | /S   |        | CORR OFF        | 7 | G |
| CJK0041                      | CMS CJ FIREARMS PROF<br>CMS Criminal Justice Firearms<br>Proficiency  | 30, 31                      | /S   |        | LAW ENF @7      | 7 | G |
| CJK0052                      | CMS CJ DEFENSIVE TAC<br>CMS Criminal Justice Defensive Tactics<br>Proficiency   | 30, 31                      | /S   |        | CORR OFF        | 7 | G |

| PROGRAM/<br>COURSE<br>NUMBER                            | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                       | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|---|--|-----------------------------|---|--------|--|
| CJK0421   | ELEC WEAP/DF STUNGUN<br>Conducted Electrical Weapon/Dart-<br>Firing Stun Gun   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G   |
| EMERGENCY & FIRE MANAGEMENT SERVICES CAREER PATH (LWPB) |  |                             |   |        |  |
| P430211   | FIREFIGHTER<br>Firefighter   | 30, 31                      | /   |        |  |
| FFP0030   | FIRE FIGHTER 1<br>Fire Fighter 1   | 30, 31                      | /Y  | 1.0    | FIRE FIGHT 7 G   |
| FFP0031   | FIRE FIGHTER 2<br>Fire Fighter 2   | 30, 31                      | /Y  | 1.0    | FIRE FIGHT 7 G   |
| P430217   | FIREFIGHTER/EMT COMB<br>Firefighter/Emergency Medical<br>Technician - Combined | 30, 31                      | /   |        |  |
| FFP0030   | FIRE FIGHTER 1<br>Fire Fighter I   | 30, 31                      | /Y  | 1.0    | FIRE FIGHT 7 G   |
| FFP0031   | FIRE FIGHTER 2<br>Fire Fighter 2   | 30, 31                      | /Y  | 1.0    | FIRE FIGHT 7 G   |
| EMS0110   | EMER MEDICAL TECH<br>Emergency Medical Technician (EMT)                        | 30, 31                      | /Y  | 2.0    | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| 8918200   | INTRO TO FIRE FIGHT<br>Introduction to Fire Fighting                           | 10-12                       | /   |        |  |
| 8918210   | FIREFIGHTING 1<br>Firefighting 1/Level 2                                       | 10-12                       | /Y  | 1.0    | FIRE FIGHT7 G  |
| 8918220   | FIREFIGHTING 2<br>Firefighting 2/Level 2                                       | 10-12                       | /Y  | 1.0    | FIRE FIGHT7 G  |
| 8918230   | FIREFIGHTING 3<br>Firefighting 3/Level 3                                       | 10-12                       | /Y  | 1.0    | FIRE FIGHT7 G  |
| P439991   | POLICE SERVICE AIDE<br>Police Service Aide                                     | 30, 31                      | /   |        |  |
| CJK0110   | PARK ENFORCE SPEC<br>Park Enforcement Specialist                               | 30, 31                      | /S  |        | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| CJK0112   | TRAF ACCIDENT INVEST<br>Traffic Accident Investigator                          | 30, 31                      | /S  | 0.5    | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| CJK0114   | POLICE SERVICE AIDE<br>Police Service Aide                                     | 30, 31                      | /S  | 0.5    | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| 9101000   | PUBLIC SAFETY TELE<br>Public Safety Telecommunication                          | 11-12                       | /   |        |  |
| 9101100   | DISP: POL, FIRE, AMB<br>Dispatcher: Police, Fire, Ambulance/<br>Level 2        | 12                          | /Y  | 1.5    | CORR OFF 7 G<br>FIRE FIGHT7 G<br>LAW ENF @7 7 G<br>PUB SAF TE7 G<br>PUB SERV 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|---|--|-----------------------------|---|--------|--|
|   |  |                             |   |        |  |
| P090101   | PUBLIC SAFETY TELE<br>Public Safety Telecommunication                        | 30, 31                      | /   |        |  |
| EMS0002   | DISP: POL, FIRE, AMB<br>Dispatcher: Police, Fire, Ambulance                  | 30, 31                      | /Y  | 1.5    | CORR OFF 7 G<br>FIRE FIGHT7 G<br>LAW ENF @7 7 G<br>PUB SAF TE7 G<br>PUB SERV 7 G<br>SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |
| SECURITY & PROTECTIVE SERVICES CAREER PATH (LWPC) |  |                             |   |        |  |
| P430208   | PRIV INVEST INTERN<br>Private Investigator Intern                            | 30, 31                      | /   |        |  |
| SCY0051   | PRIV INVEST INTERN 1<br>Private Investigator Intern 1                        | 30, 31                      | /S  |        | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| SCY0052   | PRIV INVEST INTERN 2<br>Private Investigator Intern 2                        | 30, 31                      | /S  |        | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| P430109   | PRIVATE SECURITY OFR<br>Private Security Officer                             | 30, 31                      | /   |        |  |
| CJK0132   | PRIVATE SEC OFF<br>Private Security Officer                                  | 30, 31                      | /S  |        | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| CJK0134   | ARMED PRIV SEC OFF<br>Armed Private Security Officer                         | 30, 31                      | /S  |        | LAW ENF @7 7 G<br>PUB SERV 7 G   |
| LAW ENFORCEMENT SERVICES CAREER PATH (LWPD)       |  |                             |   |        |  |
| P430117   | AUX LAW ENF OFFICER<br>Auxiliary Law Enforcement Officer                     | 30, 31                      | /   |        |  |
| <sup>a</sup> CJK0023                              | INTRO TO LAW ENFORCE<br>Introduction to Law Enforcement                      | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| <sup>a</sup> CJK0024                              | LEGAL CONCEPTS<br>Legal Concepts   | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| <sup>a</sup> CJK0025                              | PATROL/PROF COMM<br>Patrol and Professional Communication                    | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| <sup>a</sup> CJK0026                              | DIVERSE COMMUNITY<br>Interactions in a Diverse Community                     | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| <sup>a</sup> CJK0027                              | SERVICE/ARREST PRO<br>Calls for Service and Arrest<br>Procedures             | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| <sup>a</sup> CJK0028                              | TRAFFIC STOPS/CRASH<br>Traffic Stops and Crash Investigations                | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| <sup>a</sup> CJK0029                              | CRIME SCENE/COURT<br>Crime Scene and Courtroom Procedures                    | 30, 31                      | /S  |        | LAW ENF @7 7 G   |
| CJK0422   | DART FIRING STUN GUN<br>Dart Firing Stun Gun                                 | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G   |
| CJK0421   | ELEC WEAP/DF STUNGUN<br>Conducted Electrical Weapon/Dart-<br>Firing Stun Gun | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |    |     |
|------------------------------|---|-----------------------------|--|--------|-----------------|----|-----|
|                              |   |                             |  |        | CERTIFICATION   |    |     |
| <sup>a</sup> CJK0031         | CMS FIRST AIDE/CJO<br>CMS First Aide for Criminal Justice<br>Officer  | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0040                      | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms                 | 30, 31                      | /S   | 0.5    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0051         | CMS CRIM JUST DEF TA<br>CMS Criminal Justice Defensive Tactics        | 30, 31                      | /S   | 0.5    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0020                      | CMS LAW ENF VEH OPS<br>CMS Law Enforcement Vehicle<br>Operations      | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> P430116         | <sup>a</sup> AUX LAW ENF OFFICER<br>Auxiliary Law Enforcement Officer | 30, 31                      | /  |        |                 |    |     |
| <sup>a</sup> CJK0023         | INTRO TO LAW ENFORCE<br>Introduction to Law Enforcement               | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0024         | LEGAL CONCEPTS<br>Legal Concepts                                      | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0025         | PATROL/PROF COMM<br>Patrol and Professional Communication             | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0026         | DIVERSE COMMUNITY<br>Interactions in a Diverse Community              | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0027         | SERVICE/ARREST PRO<br>Calls for Service and Arrest<br>Procedures      | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0028         | TRAFFIC STOPS/CRASH<br>Traffic Stops and Crash Investigations         | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0029         | CRIME SCENE/COURT<br>Crime Scene and Courtroom Procedures             | 30, 31                      | /S   |        | LAW ENF         | @7 | 7 G |
| CJK0422                      | DART FIRING STUN GUN<br>Dart Firing Stun Gun                          | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0031         | CMS FIRST AIDE/CJO<br>CMS First Aide for Criminal Justice<br>Officer  | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0040                      | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms                 | 30, 31                      | /S   | 0.5    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| <sup>a</sup> CJK0051         | CMS CRIM JUST DEF TA<br>CMS Criminal Justice Defensive Tactics        | 30, 31                      | /S   | 0.5    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0020                      | CMS LAW ENF VEH OPS<br>CMS Law Enforcement Vehicle<br>Operations      | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| 8918001                      | CRIME SCENE TECH<br>Crime Scene Technology                            | 9-12                        | /  |        |                 |    |     |
| 8200301                      | CRIME SCENE TECH 1<br>Crime Scene Technology 1/Level 2                | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | 7  | G   |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8200302                      | CRIME SCENE TECH 2<br>Crime Scene Technology 2/Level 2                | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | 7  | G   |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8200303                      | BLOODSTAIN PATT ANLY<br>Bloodstain Pattern Analysis/Level 2           | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | 7  | G   |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |    |     |
|------------------------------|---|-----------------------------|--|--------|-----------------|----|-----|
|                              |   |                             |  |        | CERTIFICATION   |    |     |
| 8200304                      | COURTROOM SCI EVIDEN<br>Courtroom Presentation of Scientific<br>Evidence & Report Writing/Level 2 | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | 7  | G   |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8918000                      | CRIMINAL JUSTICE OPS<br>Criminal Justice Operations   | 9-12                        | /  |        |                 |    |     |
| 8918010                      | CRIMINAL JUST OPS 1<br>Criminal Justice Operations 1/Level 2                                      | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8918020                      | CRIMINAL JUST OPS 2<br>Criminal Justice Operations 2/Level 2                                      | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8918030                      | CRIMINAL JUST OPS 3<br>Criminal Justice Operations 3/Level 3                                      | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8918050                      | PUBLIC SERV OFFICER<br>Public Service Officer/Level 3   | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8918060                      | CERTIF LEGAL ASSIST<br>Certified Legal Assistant/Level 3  | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| 8918070                      | CODE ENFORCEMENT<br>Code Enforcement/Level 2  | 9-12                        | /Y   | 1.0    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
|                              |   |                             |  |        | PUB SERV        | 7  | G   |
| P430142                      | CROSSOVER CPO TO CMS<br>Crossover Correctional Probation<br>Officer to CMS Correctional BRTP      | 30, 31                      | /  |        |                 |    |     |
| CJK0300                      | INTRO TO CORRECTIONS<br>Introduction to Corrections   | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0310                      | OFFICER SAFETY<br>Officer Safety  | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0315                      | FACILITY & EQUIP<br>Facility and Equipment  | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0320                      | INTAKE & RELEASE<br>Intake and Release  | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0325                      | SPRV CORR FACILITY<br>Supervising in a Correctional Facility                                      | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0330                      | SPRV SP POPULATIONS<br>Supervising Special Populations  | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0335                      | RESP INCIDENT & EMER<br>Responding to Incidents and<br>Emergencies                                | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0040                      | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms   | 30, 31                      | /S   | 0.5    | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |
| CJK0393                      | CROSSOVER PROG UPDAT<br>Crossover Program Updates   | 30, 31                      | /S   |        | CORR OFF        | 7  | G   |
|                              |   |                             |  |        | LAW ENF         | @7 | 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                       | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                  |
|------------------------------|--|-----------------------------|---|--------|--------------------------------|
|                              |  |                             |   |        |                                |
| P430107                      | CROSSOVER CPO TO LEO<br>Crossover Correctional Probation<br>Officer to Law Enforcement Officer | 30, 31                      | /   |        |                                |
| CJK0016                      | COMMUNICATION<br>Communication   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0018                      | LEGAL<br>Legal   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0063                      | FUNDS OF PATROL<br>Fundamentals of Patrol  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0021                      | SERVING COMMUNITY<br>Serving Your Community  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0072                      | CRIMES AGAINST PERSO<br>Crimes Against Persons   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0073                      | CRIMES INV PROP/SOC<br>Crimes Involving Property and Society                                   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0079                      | CRIME SCENE FOL INVE<br>Crime Scene Follow-up Investigations                                   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0400                      | TRAFFIC INCIDENTS<br>Traffic Incidents   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0401                      | TRAFFIC STOPS<br>Traffic Stops   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0402                      | TRAF CRASH INVEST<br>Traffic Crash Investigations  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0403                      | DUI TRAFFIC STOPS<br>DUI Traffic Stops   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0093                      | CRITICAL INCIDENTS<br>Critical Incidents   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0394                      | CPO: CROSSOVER PR UP<br>CPO: Crossover Program Updates   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0020                      | CMS LAW ENF VEH OPS<br>CMS Law Enforcement Vehicle<br>Operations                               | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0040                      | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms  | 30, 31                      | /S  | 0.5    | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0421                      | ELEC WEAP/DF STUNGUN<br>Conducted Electrical Weapon/Dart-<br>Firing Stun Gun                   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| P430105                      | FL LAW ENFORCE ACAD<br>Florida Law Enforcement Academy   | 30, 31                      | /   |        |                                |
| CJK0002                      | INTRO TO LAW ENFORCE<br>Introduction to Law Enforcement  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0016                      | COMMUNICATION<br>Communication   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0018                      | LEGAL<br>Legal   | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0019                      | INTERVIEW & REPORT<br>Interviewing and Report Writing  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0063                      | FUNDS OF PATROL<br>Fundamentals of Patrol  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |
| CJK0021                      | SERVING COMMUNITY<br>Serving Your Community  | 30, 31                      | /S  |        | CORR OFF 7 G<br>LAW ENF @7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                     | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING          |               |   | CERTIFICATION  |
|-----------------------------------|--|-----------------------------|--|--------|--------------------------|---------------|---|----------------|
|                                   |  |                             |  |        |                          |               |   |                |
| CJK0072                           | CRIMES AGAINST PERSO<br>Crimes Against Persons   | 30, 31                      | /S   |        | CORR OFF                 | 7             | G |                |
| CJK0073                           | CRIMES INV PROP/SOC<br>Crimes Involving Property and Society                                 | 30, 31                      | /S   |        | LAW ENF @7               | 7             | G |                |
| CJK0079                           | CRIME SCENE FOL INVE<br>Crime Scene Follow-up Investigations                                 | 30, 31                      | /S   |        | CORR OFF                 | 7             | G |                |
| CJK0400                           | TRAFFIC INCIDENTS<br>Traffic Incidents   | 30, 31                      | /S   |        | LAW ENF @7               | 7             | G |                |
| CJK0401                           | TRAFFIC STOPS<br>Traffic Stops   | 30, 31                      | /S   |        | CORR OFF                 | 7             | G |                |
| CJK0402                           | TRAF CRASH INVEST<br>Traffic Crash Investigations  | 30, 31                      | /S   |        | LAW ENF @7               | 7             | G |                |
| CJK0403                           | DUI TRAFFIC STOPS<br>DUI Traffic Stops   | 30, 31                      | /S   |        | CORR OFF                 | 7             | G |                |
| CJK0093                           | CRITICAL INCIDENTS<br>Critical Incidents   | 30, 31                      | /S   |        | LAW ENF @7               | 7             | G |                |
| CJK0020                           | CMS LAW ENF VEH OPS<br>CMS Law Enforcement Vehicle<br>Operations                             | 30, 31                      | /S   |        | CORR OFF                 | 7             | G |                |
| <sup>a</sup> CJK0031              | CMS FIRST AIDE/CJO<br>CMS First Aide for Criminal Justice<br>Officer                         | 30, 31                      | /S   |        | LAW ENF @7               | 7             | G |                |
| CJK0040                           | CMS CRIM JUST FIREAR<br>CMS Criminal Justice Firearms  | 30, 31                      | /S   | 0.5    | CORR OFF                 | 7             | G |                |
| <sup>a</sup> CJK0051              | CMS CRIM JUST DEF TA<br>CMS Criminal Justice Defensive Tactics                               | 30, 31                      | /S   | 0.5    | LAW ENF @7               | 7             | G |                |
| CJK0421                           | ELEC WEAP/DF STUNGUN<br>Conducted Electrical Weapon/Dart-<br>Firing Stun Gun                 | 30, 31                      | /S   |        | CORR OFF                 | 7             | G |                |
| CJK0096                           | CJ OFF PHYS FIT TRA<br>Criminal Justice Officer Physical<br>Fitness Training/Law Enforcement | 30, 31                      | /S   |        | LAW ENF @7               | 7             | G |                |
| LEGAL SERVICES CAREER PATH (LWPE) |  |                             |  |        |                          |               |   |                |
| -----                             |  |                             |  |        |                          |               |   |                |
| P430135                           | BAIL BOND AGENT<br>Bail Bond Agent   | 30, 31                      | /  |        |                          |               |   |                |
| SCY0050                           | BAIL BOND AGENT<br>Bail Bond Agent   | 30, 31                      | /S   | 0.5    | LAW ENF @7               | 7             | G |                |
| 8900220                           | EXPLOR OF CJ OCCS<br>Exploration of Criminal Justice<br>Occupations                          | 6-8                         | /S   |        | ANY PUB SERV<br>CORR OFF | OCC ED<br>7 G | G | LAW ENF @7 7 G |
| GENERAL PROGRAMS                  |  |                             |  |        |                          |               |   |                |
| -----                             |  |                             |  |        |                          |               |   |                |
| 9160350                           | INTRO LAW & PS<br>Introduction to Law, Public Safety<br>and Security                         | 6-8                         | /S   |        | ANY PUB SERV<br>CORR OFF | OCC ED<br>7 G | G | LAW ENF @7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                      | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING          |               |               | CERTIFICATION  |
|------------------------------|---|-----------------------------|--|----------|--------------------------|---------------|---------------|----------------|
|                              |   |                             |  |          | CREDIT                   | CERTIFICATION | CERTIFICATION |                |
| 9160360                      | INTRO LAW & PS & CP<br>Introduction to Law, Public Safety<br>and Security and Career Planning | 6-8                         | /S   |          | ANY PUB SERV<br>CORR OFF | OCC ED<br>7 G | G             | LAW ENF @7 7 G |
| 8900410                      | LAW, PS & SEC OJT<br>Law, Public Safety and Security<br>Cooperative Education - OJT           | 9-12                        | /M   | MULTIPLE | ANY PUB SERV<br>CORR OFF | OCC ED<br>7 G | G             | LAW ENF @7 7 G |
| 8900100                      | LAW, PS & SEC DS<br>Law, Public Safety and Security<br>Directed Study                         | 11-12                       | /M   | MULTIPLE | ANY PUB SERV<br>CORR OFF | OCC ED<br>7 G | G             | LAW ENF @7 7 G |

## APPRENTICESHIP PROGRAMS

|         |  |        |   |  |    |  |  |  |
|---------|--|--------|---|--|----|--|--|--|
| P43020R | FIREFIGHTER - APPR<br>Firefighter - Apprenticeship   | 30, 31 | / |  |    |  |  |  |
| P43021R | FIRE/EMT COMB- APPR<br>Firefighter/Emergency Medical<br>Technician-Combined - Apprenticeship | 30, 31 | / |  |    |  |  |  |
| 8999990 | PUB SERV ED TRAN<br>Public Service Education Transfer  | 9-12   | / |  | NA |  |  |  |
| P000000 | PUB SERV ED TRAN<br>Public Service Education Transfer  | 30, 31 | / |  | NA |  |  |  |

## |MANUFACTURING CAREER CLUSTER|

## MANUFACTURING PRODUCTION PROCESS CAREER PATH (MNPA)

|          |   |        |    |     |  |                   |   |  |
|----------|---|--------|----|-----|--|-------------------|---|--|
| □J100300 | IND MACH & CONT TECH<br>Industrial Machining and Controls<br>Technician   | 30, 31 | /  |     |  |                   |   |  |
| ETI0580  | IND MACH & CONT ASST<br>Industrial Machining and Controls<br>Assistant    | 30, 31 | /Y | 2.0 | ELECTRONI@7<br>ELECTRICAL7<br>MILLWRIGHT7<br>AUTO PROD 7 | 7 G<br>7 G<br>7 G | G |  |
| ETI0581  | IND MACH & CONT ASSC<br>Industrial Machining and Controls<br>Associate    | 30, 31 | /Y | 2.0 | ELECTRONI@7<br>ELECTRICAL7<br>MILLWRIGHT7<br>AUTO PROD 7 | 7 G<br>7 G<br>7 G | G |  |
| ETI0582  | IND MACH & CONT TEC1<br>Industrial Machining and Controls<br>Technician 1 | 30, 31 | /Y | 2.0 | ELECTRONI@7<br>ELECTRICAL7<br>MILLWRIGHT7<br>AUTO PROD 7 | 7 G<br>7 G<br>7 G | G |  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |    |   | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|----|---|---------------|
|                              |  |                             |  |        | SUBJECT AREA    |    |   |               |
| ETI0583                      | IND MACH & CONT TEC2<br>Industrial Machining and Controls<br>Technician 2  | 30, 31                      | /Y   | 2.0    | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ELECTRICAL7     | @7 | G |               |
|                              |  |                             |  |        | MILLWRIGHT7     | G  |   |               |
|                              |  |                             |  |        | AUTO PROD 7     | G  |   |               |
| J100200                      | ADV MFG & PROD TECH<br>Advanced Manufacturing and Production<br>Technology | 30, 31                      | /  |        |                 |    |   |               |
| ETI0400                      | ENTRY-LEVEL PROD WKR<br>Entry-Level Production Worker                      | 30, 31                      | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| ETI0431                      | PROD QUALITY/ASSUR<br>Production Quality and Assurance                     | 30, 31                      | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| ETI0432                      | MFG & PROD PROCESSES<br>Manufacturing and Production<br>Processes          | 30, 31                      | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| ETI0453                      | MFG & PROD MAINT<br>Manufacturing and Production<br>Maintenance            | 30, 31                      | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| 9200200                      | ADV MANUFACTURING<br>Advanced Manufacturing Technology                     | 9- 12                       | /  |        |                 |    |   |               |
| 9200210                      | ADV MFG TECH 1<br>Advanced Manufacturing Technology 1<br>/Level 2          | 9- 12                       | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| 9200220                      | ADV MFG TECH 2<br>Advanced Manufacturing Technology 2<br>/Level 3          | 9- 12                       | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| 9200230                      | ADV MFG TECH 3<br>Advanced Manufacturing Technology 3<br>/Level 3          | 9- 12                       | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| 9200240                      | ADV MFG TECH 4<br>Advanced Manufacturing Technology 4<br>/Level 3          | 9- 12                       | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |
| 9200250                      | ADV MFG TECH CAP<br>Advanced Manufacturing Technology<br>Capstone/Level 3  | 9- 12                       | /Y   | 1.0    | AUTO PROD 7     | G  |   |               |
|                              |  |                             |  |        | ELECTRONI@7     | 7  | G |               |
|                              |  |                             |  |        | ENG             | 7  | G |               |
|                              |  |                             |  |        | ENG&TEC ED1     | @2 |   |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   |   | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|---|---|---------------|
|                              |  |                             |  |        |                 |   |   |               |
| I150404                      | ELEC & INST TECH<br>Electrical and Instrumentation<br>Technology     | 30, 31                      | /  |        |                 |   |   |               |
| EEV0650                      | ELECTRICIAN (CONST)<br>Electrician (Construction)                    | 30, 31                      | /Y   | 2.0    | ELECTRONI@7     | 7 | G |               |
| EEV0652                      | INSTRUMENT MECH<br>Instrument Mechanic                               | 30, 31                      | /Y   | 2.0    | TEC ELEC @7     | 7 | G |               |
| EEV0654                      | ELECTRICIAN MAINT<br>Electrician Maintenance                         | 30, 31                      | /Y   | 2.0    | ELECTRONI@7     | 7 | G |               |
| EEV0656                      | INSTRUMENT TECH<br>Instrument Technician                             | 30, 31                      | /Y   | 2.5    | TEC ELEC @7     | 7 | G |               |
| EEV0658                      | OP ENGR ASST STAT<br>Operating Engineer Assistant<br>Stationary      | 30, 31                      | /Y   | 2.5    | ELECTRONI@7     | 7 | G |               |
| J110100                      | ELEC & INST TECH 1<br>Electrical and Instrumentation<br>Technology 1 | 30, 31                      | /  |        |                 |   |   |               |
| EEV0650                      | ELECTRICIAN (CONST)<br>Electrician (Construction)                    | 30, 31                      | /Y   | 2.0    | ELECTRONI@7     | 7 | G |               |
| EEV0652                      | INSTRUMENT MECH<br>Instrument Mechanic                               | 30, 31                      | /Y   | 2.0    | TEC ELEC @7     | 7 | G |               |
| EEV0654                      | ELECTRICIAN MAINT<br>Electrician Maintenance                         | 30, 31                      | /Y   | 2.0    | ELECTRONI@7     | 7 | G |               |
| J110200                      | ELEC & INST TECH 2<br>Electrical and Instrumentation<br>Technology 2 | 30, 31                      | /  |        |                 |   |   |               |
| EEV0656                      | INSTRUMENT TECH<br>Instrument Technician                             | 30, 31                      | /Y   | 2.5    | TEC ELEC @7     | 7 | G |               |
| EEV0658                      | OP ENGR ASST STAT<br>Operating Engineer Assistant<br>Stationary      | 30, 31                      | /Y   | 2.5    | ELECTRONI@7     | 7 | G |               |
| I150603                      | INDUSTRIAL TECH<br>Industrial Technology                             | 30, 31                      | /  |        |                 |   |   |               |
| ETI0600                      | DRAFT ASST MACH<br>Drafting Assistant Machining                      | 30, 31                      | /Y   | 2.0    | IND ENGR        | 7 | G |               |
| ETI0601                      | COST CONTROL ASSIST<br>Cost Control Assistant                        | 30, 31                      | /Y   | 2.0    | IND ENGR        | 7 | G |               |
| ETI0602                      | INDUST TECH ASST 1<br>Industrial Technician Assistant 1              | 30, 31                      | /Y   | 1.5    | IND ENGR        | 7 | G |               |
| ETI0603                      | INDUST TECH ASST 2<br>Industrial Technician Assistant 2              | 30, 31                      | /Y   | 1.5    | IND ENGR        | 7 | G |               |
| ETI0604                      | INDUST ENGR TECH 1<br>Industrial Engineering Technician 1            | 30, 31                      | /Y   | 1.5    | IND ENGR        | 7 | G |               |
| ETI0605                      | INDUST ENGR TECH 2<br>Industrial Engineering Technician 2            | 30, 31                      | /Y   | 1.5    | IND ENGR        | 7 | G |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---------------|
|                              |  |                             |   |        |               |

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 PRODUCTION CAREER PATH (MNPB)  
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|          |   |        |    |    |   |
|----------|---|--------|----|----|---|
| αJ200400 | CERT PROD TECH<br>Certified Production Technology           | 30, 31 | /  |    |   |
| EEV0210  | CERT PROD TECHNICIAN<br>Certified Production Technician     | 30, 31 | /Y |    | 2.0 AUTO PROD 7 G<br>ELECTRONI@7 G<br>ENG 7 G<br>ENG&TEC ED1 @2 |
| J200300  | CNC PRODUCTION SPEC<br>CNC Production Specialist            | 30, 31 | /  |    |   |
| PMF0026  | CNC PRODUCTION TEC I<br>CNC Production Technician I         | 30, 31 | /Y |    | 2.0 ENG 7 G<br>MACH SHOP@7 7 G<br>METAL WORK7 G                 |
| PMF0027  | CNC PRODUCTION TECII<br>CNC Production Technician II        | 30, 31 | /Y |    | 2.0 ENG 7 G<br>MACH SHOP@7 7 G<br>METAL WORK7 G                 |
| J200100  | MACHINING TECH<br>Machining Technologies                    | 30, 31 | /  |    |   |
| PMF0020  | MACHINIST HELPER<br>Machinist Helper                        | 30, 31 | /Y | PA | 2.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| PMF0022  | MACHINIST OPERATOR<br>Machinist Operator                    | 30, 31 | /Y |    | 2.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| PMF0024  | MACHINIST SETUP OP<br>Machinist Setup Operator              | 30, 31 | /Y |    | 4.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| PMF0025  | MACHINIST<br>Machinist                                      | 30, 31 | /Y |    | 2.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| 9202100  | MACHINING TECHNOLOGY<br>Machining Technology                | 9- 12  | /  |    |   |
| 9202110  | MACHINING TECH 1<br>Machining Technology 1/Level 3          | 9- 12  | /Y |    | 1.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| 9202120  | MACHINING TECH 2<br>Machining Technology 2/Level 3          | 9- 12  | /Y | PA | 1.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| 9202130  | MACHINING TECH 3<br>Machining Technology 3/Level 3          | 9- 12  | /Y |    | 1.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| 9202140  | MACHINING TECH 4<br>Machining Technology 4/Level 3          | 9- 12  | /Y |    | 1.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |
| 9202150  | MACHINING TECH CAP<br>Machining Technology Capstone/Level 3 | 9- 12  | /Y | PA | 1.0 MACH SHOP@7 7 G<br>METAL WORK7 G<br>TOOL DIE %7 G           |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|---|--------|--|
|                              |  |                             |   |        |  |
| J200200                      | MECHATRONICS TECH<br>Mechatronics Technology             | 30, 31                      | /   |        |  |
| EEV0010                      | ELECTRONICS ASMBR<br>Electronics Assembler               | 30, 31                      | /Y  | 2.0    | AUTO PROD 7 G<br>AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>ENG 7 G<br>IND ENGR 7 G<br>ROBOTICS 7 G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G<br>RADIO TV %7 %G |
| EEV0100                      | ELECTRONICS TESTER<br>Electronics Tester                 | 30, 31                      | /Y  | 3.0    | AUTO PROD 7 G<br>AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>ENG 7 G<br>IND ENGR 7 G<br>ROBOTICS 7 G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 T G<br>RADIO TV %7 %G |
| EEV0752                      | ELECTROMECH ASSEM<br>Electromechanical Assembler         | 30, 31                      | /Y  | 3.0    | AUTO PROD 7 G<br>AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>ENG 7 G<br>IND ENGR 7 G<br>ROBOTICS 7 G   |
| EEV0753                      | MECHATRONIC TECH<br>Mechatronics Technician              | 30, 31                      | /Y  | 2.5    | AUTO PROD 7 G<br>AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>ENG 7 G<br>IND ENGR 7 G<br>ROBOTICS 7 G   |

## MAINTENANCE, INSTALLATION &amp; REPAIR CAREER PATH (MNPC)

|         |  |        |    |     |   |
|---------|--|--------|----|-----|---|
| J400100 | BIOMED EQUIP RPR TEC<br>Biomedical Equipment Repair<br>Technology  | 30, 31 | /  |     |   |
| AVS0095 | BASIC ELECT TROUBLE<br>Basic Electronics Troubleshooter            | 30, 31 | /Y | 1.0 | BIOMED EQ 7 G<br>ELECTRONI@7 7 G<br>MED EQ TEC7 G |
| EER0006 | ELECT EQUIP REPAIR<br>Electronics Equipment Repairer               | 30, 31 | /Y | 1.0 | BIOMED EQ 7 G<br>ELECTRONI@7 7 G<br>MED EQ TEC7 G |
| EER0090 | BIOMED ELECT TROUB 1<br>Biomedical Electronics<br>Troubleshooter 1 | 30, 31 | /Y | 1.0 | BIOMED EQ 7 G<br>ELECTRONI@7 7 G<br>MED EQ TEC7 G |
| EER0091 | BIOMED ELECT TROUB 2<br>Biomedical Electronics<br>Troubleshooter 2 | 30, 31 | /Y | 1.0 | BIOMED EQ 7 G<br>ELECTRONI@7 7 G<br>MED EQ TEC7 G |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|---|-----------------------------|--|--------|--|
|                              |   |                             |  |        |  |
| EER0092                      | BIOMED IMAGE EQUIP 1<br>Biomedical Imaging Equipment 1                    | 30, 31                      | /Y   | 1.5    | BIOMED EQ 7 G<br>ELECTRONI@7 7 G<br>MED EQ TEC7 G  |
| EER0093                      | BIOMED IMAGE EQUIP 2<br>Biomedical Imaging Equipment 2                    | 30, 31                      | /Y   | 1.5    | BIOMED EQ 7 G<br>ELECTRONI@7 7 G<br>MED EQ TEC7 G  |
| J540300                      | ELECTRONIC SYSTEMS<br>Electronic Systems Technician                       | 30, 31                      | /  |        |  |
| EEV0012                      | ELECTRONIC ASSEMBLER<br>Electronic Assembler and DC<br>Technician         | 30, 31                      | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| EEV0820                      | ELECTRONIC DIGITAL<br>Electronic Digital and Microprocessor<br>Technician | 30, 31                      | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| EEV0130                      | ELECTRONIC AC TECH<br>Electronic AC Technician                            | 30, 31                      | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| EEV0824                      | ELEC SOLID-STATE<br>Electronic Solid-State and Analog<br>Technician       | 30, 31                      | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| EEV0825                      | ELEC SYSS/EQUIP TECH<br>Electronic Systems and Equipment<br>Technician    | 30, 31                      | /Y   | 2.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| 9202300                      | ELECTRONIC SYSTEMS<br>Electronic Systems Technology                       | 9-12                        | /  |        |  |
| 9202310                      | ELECTRONIC SYSTEMS 1<br>Electronic Systems Technology 1/<br>Level 3       | 9-12                        | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| 9202320                      | ELECTRONIC SYSTEMS 2<br>Electronic Systems Technology 2/<br>Level 3       | 9-12                        | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| 9202330                      | ELECTRONIC SYSTEMS 3<br>Electronic Systems Technology 3/<br>Level 3       | 9-12                        | /Y   | 1.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G |
| 9202340                      | ELECTRONIC SYSTEMS 4  | 9-12                        | /Y   | 1.0    | AVIONICS @7 7 G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|--|-----------------------------|---|--------|-----------------|
|                              |  |                             |   |        |                 |
| 9202350                      | Electronic Systems Technology 4/<br>Level 3<br>ELECTRONIC SYSTEMS 5<br>Electronic Systems Technology 5/<br>Level 3 | 9-12                        | /Y  | 1.0    | ELECTRONI@7 7 G |
|                              |  |                             |   |        | RADIO TV %7 %G  |
|                              |  |                             |   |        | TEC ELEC @7 7 G |
|                              |  |                             |   |        | TV PRO TE@7 7 G |
|                              |  |                             |   |        | AVIONICS @7 7 G |
| 9202360                      | Electronic Systems Technology 6/<br>Level 3<br>ELECTRONIC SYSTEMS 6<br>Electronic Systems Technology 6/<br>Level 3 | 9-12                        | /Y  | 1.0    | ELECTRONI@7 7 G |
|                              |  |                             |   |        | RADIO TV %7 %G  |
|                              |  |                             |   |        | TEC ELEC @7 7 G |
|                              |  |                             |   |        | TV PRO TE@7 7 G |
|                              |  |                             |   |        | AVIONICS @7 7 G |
| I150303                      | Electronic Technology<br>ELECTRONIC TECH<br>Electronic Technol ogy   | 30, 31                      | /   |        |                 |
|                              |  |                             |   |        |                 |
| EEV0010                      | Electronics ASMBR<br>Electronics Assembler   | 30, 31                      | /Y  | 2.0    | AUTO PROD 7 G   |
|                              |  |                             |   |        | AVIONICS @7 7 G |
|                              |  |                             |   |        | ELECTRONI@7 7 G |
|                              |  |                             |   |        | ENG 7 G         |
|                              |  |                             |   |        | IND ENGR 7 G    |
|                              |  |                             |   |        | ROBOTICS 7 G    |
|                              |  |                             |   |        | TEC ELEC @7 7 G |
|                              |  |                             |   |        | TV PRO TE@7 7 G |
|                              |  |                             |   |        | RADIO TV %7 %G  |
|                              |  |                             |   |        |                 |
| EEV0100                      | ELECTRONICS TESTER<br>Electronics Tester   | 30, 31                      | /Y  | 3.0    | AUTO PROD 7 G   |
|                              |  |                             |   |        | AVIONICS @7 7 G |
|                              |  |                             |   |        | ELECTRONI@7 7 G |
|                              |  |                             |   |        | ENG 7 G         |
|                              |  |                             |   |        | IND ENGR 7 G    |
|                              |  |                             |   |        | ROBOTICS 7 G    |
|                              |  |                             |   |        | TEC ELEC @7 7 G |
|                              |  |                             |   |        | TV PRO TE@7 T G |
|                              |  |                             |   |        | RADIO TV %7 %G  |
|                              |  |                             |   |        |                 |
| EEV0500                      | ELECT EQUIP REPAIR<br>Electronics Equipment Repairer   | 30, 31                      | /Y  | 2.5    | AVIONICS @7 7 G |
|                              |  |                             |   |        | ELECTRONI@7 7 G |
|                              |  |                             |   |        | RADIO TV %7 %G  |
|                              |  |                             |   |        | TEC ELEC @7 7 G |
|                              |  |                             |   |        | TV PRO TE@7 7 G |
| EEV0616                      | ELECTRONICS TECH<br>Electronics Techni ci an   | 30, 31                      | /Y  | 3.0    | AVIONICS @7 7 G |
|                              |  |                             |   |        | ELECTRONI@7 7 G |
|                              |  |                             |   |        | RADIO TV %7 %G  |
|                              |  |                             |   |        | TEC ELEC @7 7 G |
|                              |  |                             |   |        | TV PRO TE@7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT MEETING<br>AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|---|-----------------------------|---|--------|--|
|                              |   |                             |   |        |  |
| J540100                      | ELECTRONIC TECH 1<br>Electronic Technology 1                        | 30, 31                      | /   |        |  |
| EEV0010                      | ELECTRONICS ASMBR<br>Electronics Assembler                          | 30, 31                      | /Y  | 2.0    | AUTO PROD 7 G<br>AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>ENG 7 G<br>IND ENGR 7 G<br>ROBOTICS 7 G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G<br>RADIO TV %7 %G |
| EEV0100                      | ELECTRONICS TESTER<br>Electronics Tester                            | 30, 31                      | /Y  | 3.0    | AUTO PROD 7 G<br>AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>ENG 7 G<br>IND ENGR 7 G<br>ROBOTICS 7 G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G<br>RADIO TV %7 %G |
| J540200                      | ELECTRONIC TECH 2<br>Electronic Technology 2                        | 30, 31                      | /   |        |  |
| EEV0500                      | ELECT EQUIP REPAIR<br>Electronics Equipment Repairer                | 30, 31                      | /Y  | 2.5    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G   |
| EEV0616                      | ELECTRONICS TECH<br>Electronics Technician                          | 30, 31                      | /Y  | 3.0    | AVIONICS @7 7 G<br>ELECTRONI@7 7 G<br>RADIO TV %7 %G<br>TEC ELEC @7 7 G<br>TV PRO TE@7 7 G   |
| <sup>a</sup> J550100         | <sup>a</sup> GAMING MAC RPR TEC<br>Gaming Machine Repair Technician | 30, 31                      | /   |        |  |
| <sup>a</sup> EER0320         | <sup>a</sup> SLOT MACH ATTENDANT<br>Slot Machine Attendant          | 30, 31                      | /Y  | 0.5    | COMP SVC 7 G<br>ELECTRONI@7 7 G<br>SLOT MACH 7 G<br>TEC ELEC @7 7 G  |
| <sup>a</sup> EER0321         | <sup>a</sup> SLOT MACHINE TECH<br>Slot Machine Technician           | 30, 31                      | /Y  | 1.0    | COMP SVC 7 G<br>ELECTRONI@7 7 G<br>SLOT MACH 7 G<br>TEC ELEC @7 7 G  |
| <sup>^</sup> 8736000         | IND BIOTECHNOLOGY<br>Industrial Biotechnology                       | 9-12                        | /   |        |  |
| 3027010                      | BIOTECH 1<br>Biotechnology 1/Level 3                                |                             | /Y EQ   | 1.0    | BIOLOGY 1/BIOTECH 7<br>BIOLOGY 1/BIOTECH G<br>CHEMISTRY 1/BIOTECH 7<br>CHEMISTRY 1/BIOTECH G   |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING  |    |
|------------------------------|---|-----------------------------|--|--------|---------------|--|----|
|                              |   |                             |  |        |               | EQ   | GR |
| 3027020                      | BIOTECH 2<br>Biotechnology 2/Level 3                                |                             | /Y EQ                                      | 1.0    |               | BIOTECH 7  |    |
| 8736030                      | BIOTECH 3<br>Biotechnology 3/Level 3                                | 9-12                        | /Y   | 1.0    |               | BIOTECH 7 G<br>CHEM 1<br>BIOTECH 7 G   |    |
| I470303                      | INDUS MACH MAINT/RPR<br>Industrial Machinery Maintenance and Repair | 30, 31                      | /  |        |               |  |    |
| ETI0450                      | INDUS MACH MAINT AST<br>Industrial Machinery Maintenance Assistant  | 30, 31                      | /Y   | 3.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |    |
| ETI0457                      | MACH MAINT TECH<br>Machinery Maintenance Technician                 | 30, 31                      | /Y   | 1.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G                    |    |
| ETI0456                      | MACH MAINT MECH<br>Machinery Maintenance Mechanic                   | 30, 31                      | /Y   | 2.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |    |
| ETI0458                      | INDUS MAINT SPEC<br>Industrial Maintenance Specialist               | 30, 31                      | /Y   | 3.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |    |
| 9204300                      | INDUS MACH MAIN TECH<br>Industrial Machinery Maintenance Technology | 9-12                        | /  |        |               |  |    |
| 9204310                      | MACHINERY MAINT 1<br>Machinery Maintenance 1/Level 3                | 9-12                        | /Y   | 1.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |    |
| 9204320                      | MACHINERY MAINT 2<br>Machinery Maintenance 2/Level 3                | 9-12                        | /Y   | 1.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |    |
| 9204330                      | MACHINERY MAINT 3<br>Machinery Maintenance 3/Level 3                | 9-12                        | /Y   | 1.0    |               | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |    |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                          | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |                                 |
|------------------------------|---|-----------------------------|---|--------|--|---------------------------------|
|                              |   |                             |   |        |  |                                 |
| 8743240                      | MACHINERY MAINT 4<br>Machinery Maintenance 4/Level 3                              | 9-12                        | /Y  | 1.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7 G<br>7 G<br>7 G<br>7 G<br>7 G |
| 9204350                      | IND MACH MECH CAP<br>Industrial Machinery Mechanic<br>Technology Capstone/Level 3 | 9-12                        | /Y PA   | 1.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7 G<br>7 G<br>7 G<br>7 G<br>7 G |
| J590100                      | INDUS MACH MAINT 1<br>Industrial Machinery Maintenance 1                          | 30, 31                      | /   |        |  |                                 |
| ETI0450                      | INDUS MACH MAINT AST<br>Industrial Machinery Maintenance<br>Assistant             | 30, 31                      | /Y  | 3.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7 G<br>7 G<br>7 G<br>7 G<br>7 G |
| ETI0456                      | MACH MAINT MECH<br>Machinery Maintenance Mechanic                                 | 30, 31                      | /Y  | 2.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7 G<br>7 G<br>7 G<br>7 G<br>7 G |
| J590200                      | INDUS MACH MAINT 2<br>Industrial Machinery Maintenance 2                          | 30, 31                      | /   |        |  |                                 |
| ETI0457                      | MACH MAINT TECH<br>Machinery Maintenance Technician                               | 30, 31                      | /Y  | 1.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7 G<br>7 G<br>7 G<br>7 G<br>7 G |
| ETI0458                      | INDUS MAINT SPEC<br>Industrial Maintenance Specialist                             | 30, 31                      | /Y  | 3.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7 G<br>7 G<br>7 G<br>7 G<br>7 G |
| J450600                      | JEWELRY DESIGN RPR 1<br>Jewelry Design and Repair 1                               | 30, 31                      | /   |        |  |                                 |
| PMT0620                      | JEWELRY TECH ASST<br>Jewelry Technician Assistant                                 | 30, 31                      | /Y  | 3.0    | JWLY MFGR 7<br>METAL WORK7   | 7 G<br>7 G                      |
| PMT0630                      | JEWELRY DESIGNER<br>Jewelry Designer  | 30, 31                      | /Y PA   | 3.0    | JWLY MFGR 7<br>METAL WORK7   | 7 G<br>7 G                      |
| J450700                      | JEWELRY DESIGN RPR 2<br>Jewelry Design and Repair 2                               | 30, 31                      | /   |        |  |                                 |
| PMT0643                      | CASTING/MOLDING<br>Casting/Rubber Molding   | 30, 31                      | /Y PA   | 1.0    | JWLY MFGR 7<br>METAL WORK7   | 7 G<br>7 G                      |
| PMT0642                      | JEWELRY REPAIR<br>Jewelry Repair  | 30, 31                      | /Y  | 1.0    | JWLY MFGR 7<br>METAL WORK7   | 7 G<br>7 G                      |
| PMT0632                      | STONE SETTER<br>Stone Setter  | 30, 31                      | /Y PA   | 1.0    | JWLY MFGR 7<br>METAL WORK7   | 7 G<br>7 G                      |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                              | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA |    | CREDIT | CERTIFICATION  |                            |
|------------------------------|---|-----------------------------|---------------------------------|----|--------|--|----------------------------|
|                              |   |                             | GRADUATION<br>REQUIREMENTS      |    |        |  |                            |
| PMT0635                      | CAD/CAM JEWELRY DSN<br>CAD/CAM Jewelry Designer                                       | 30, 31                      | /Y                              | PA | 2.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| <sup>a</sup> J450400         | <sup>a</sup> JEWEL MAKING & RPR1<br>Jewelry Making and Repair 1                       | 30, 31                      | /                               |    |        |  |                            |
| <sup>a</sup> PMT0650         | <sup>a</sup> CLK, WATCH & JEW TEC<br>Clock, Watch and Jewelry Technician<br>Assistant | 30, 31                      | /Y                              | PA | 3.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| PMT0630                      | JEWELRY DESIGNER<br>Jewelry Designer  | 30, 31                      | /Y                              | PA | 3.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| <sup>a</sup> J450500         | <sup>a</sup> JEWEL MAKING & RPR 2<br>Jewelry Making and Repair 2                      | 30, 31                      | /                               |    |        |  |                            |
| <sup>a</sup> PMT0640         | <sup>a</sup> WAX MODELER/CASTING<br>Wax Modeler/Casting                               | 30, 31                      | /Y                              | PA | 1.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| <sup>a</sup> PMT0641         | <sup>a</sup> JEWELRY REPAIRER<br>Jewelry Repairer                                     | 30, 31                      | /Y                              | PA | 2.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| PMT0632                      | STONE SETTER<br>Stone Setter  | 30, 31                      | /Y                              | PA | 1.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| <sup>a</sup> PMT0645         | <sup>a</sup> JEWELRY FINISHING TE<br>Jewelry Finishing Technician                     | 30, 31                      | /Y                              | PA | 1.0    | JWLY MFGR 7<br>METAL WORK7   | G<br>G                     |
| J620300                      | MAJ APP & REFG TECH<br>Major Appliance and Refrigeration<br>Technology                | 30, 31                      | /                               |    |        |  |                            |
| EER0391                      | APP INSTALLATION HLP<br>Appliance Installation Helper                                 | 30, 31                      | /Y                              |    | 1.0    | APPLI REP@7<br>GAS FITTER7   | 7<br>G                     |
| EER0315                      | LAUNDRY TECH<br>Laundry Technician  | 30, 31                      | /Y                              |    | 2.0    | APPLI REP@7<br>GAS FITTER7   | 7<br>G                     |
| EER0392                      | COOKING APP TECH<br>Cooking Appliance Technician                                      | 30, 31                      | /Y                              |    | 2.0    | APPLI REP@7<br>GAS FITTER7   | 7<br>G                     |
| ACR0084                      | COOLING APP TECH<br>Cooling Appliance Technician                                      | 30, 31                      | /Y                              |    | 2.0    | APPLI REP@7<br>GAS FITTER7   | 7<br>G                     |
| I470313                      | MILLWRIGHT<br>Millwright  | 30, 31                      | /                               |    |        |  |                            |
| ETI0450                      | INDUS MACH MAINT AST<br>Industrial Machinery Maintenance<br>Assistant                 | 30, 31                      | /Y                              |    | 3.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7<br>G<br>7<br>G<br>7<br>G |
| ETI0457                      | MACH MAINT TECH<br>Machinery Maintenance Technician                                   | 30, 31                      | /Y                              |    | 1.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7<br>G<br>7<br>G<br>7<br>G |
| ETI0456                      | MACH MAINT MECH<br>Machinery Maintenance Mechanic                                     | 30, 31                      | /Y                              |    | 2.0    | BLDG CONS@7<br>IND ENGR 7<br>MACH SHOP@7<br>MILLWRIGHT7<br>TEC CONST@7 | 7<br>G<br>7<br>G<br>7<br>G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL              | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|---|-----------------------------|---|--------|--|
|                              |   |                             |   |        |  |
| ETI 0459                     | MILLWRIGHT<br>Millwright  | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |
| J590400                      | MILLWRIGHT 1<br>Millwright 1  | 30, 31                      | /   |        |  |
| ETI 0450                     | INDUS MACH MAINT AST<br>Industrial Machinery Maintenance<br>Assistant | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |
| ETI 0456                     | MACH MAINT MECH<br>Machinery Maintenance Mechanic                     | 30, 31                      | /Y  | 2.0    | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |
| J590500                      | MILLWRIGHT 2<br>Millwright 2  | 30, 31                      | /   |        |  |
| ETI 0457                     | MACH MAINT TECH<br>Machinery Maintenance Technician                   | 30, 31                      | /Y  | 1.0    | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |
| ETI 0459                     | MILLWRIGHT<br>Millwright  | 30, 31                      | /Y  | 3.0    | BLDG CONS@7 7 G<br>IND ENGR 7 G<br>MACH SHOP@7 7 G<br>MILLWRIGHT7 G<br>TEC CONST@7 7 G |
| J400400                      | WELDING TECHNOLOGY<br>Welding Technology                              | 30, 31                      | /   |        |  |
| PMT0070                      | WELDER ASSISTANT 1<br>Welder Assistant 1                              | 30, 31                      | /Y PA   | 1.0    | METAL WORK7 G<br>WELDING @7 7 G  |
| PMT0071                      | WELDER ASSISTANT 2<br>Welder Assistant 2                              | 30, 31                      | /Y PA   | 1.0    | METAL WORK7 G<br>WELDING @7 7 G  |
| PMT0072                      | WELDER, SMAW 1<br>Welder, SMAW 1                                      | 30, 31                      | /Y PA   | 1.0    | METAL WORK7 G<br>WELDING @7 7 G  |
| PMT0073                      | WELDER, SMAW 2<br>Welder, SMAW 2                                      | 30, 31                      | /Y PA   | 1.0    | METAL WORK7 G<br>WELDING @7 7 G  |
| PMT0074                      | WELDER<br>Welder  | 30, 31                      | /Y  | 3.0    | METAL WORK7 G<br>WELDING @7 7 G  |
| J400410                      | WELDING TECH - ADV<br>Welding Technology - Advanced                   | 30, 31                      | /   |        |  |
| PMT0075                      | ADVANCED WELDER 1<br>Advanced Welder 1                                | 30, 31                      | /Y  | 4.0    | METAL WORK7 G<br>WELDING @7 7 G  |
| PMT0076                      | ADVANCED WELDER 2<br>Advanced Welder 2                                | 30, 31                      | /Y  | 1.0    | METAL WORK7 G<br>WELDING @7 7 G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                           | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION                                      | CAREER AND TECHNICAL EDUCATION |                    |
|------------------------------|--|-----------------------------|---|----------|--|--------------------------------|--------------------|
|                              |  |                             |   |          |  |                                |                    |
| 9204400                      | WELDING TECH FUND<br>Welding Technology Fundamentals                               | 9-12                        | /   |          |  |                                |                    |
| 9204410                      | WELD TECH FUNDS 1<br>Welding Technology Fundamentals 1/<br>Level 3                 | 9-12                        | /Y  | PA       | 1.0  | METAL WORK7<br>WELDING @7      | G<br>7 G           |
| 9204420                      | WELD TECH FUNDS 2<br>Welding Technology Fundamentals 2/<br>Level 3                 | 9-12                        | /Y  | PA       | 1.0  | METAL WORK7<br>WELDING @7      | G<br>7 G           |
| 9204430                      | WELD TECH FUNDS 3<br>Welding Technology Fundamentals 3/<br>Level 3                 | 9-12                        | /Y  | PA       | 1.0  | METAL WORK7<br>WELDING @7      | G<br>7 G           |
| 9204440                      | WELD TECH FUNDS 4<br>Welding Technology Fundamentals 4/<br>Level 3                 | 9-12                        | /Y  | PA       | 1.0  | METAL WORK7<br>WELDING @7      | G<br>7 G           |
| 9204450                      | WELD TECH FUNDS CAP<br>Welding Technology Fundamentals<br>Capstone/Level 3         | 9-12                        | /Y  |          | 1.0  | METAL WORK7<br>WELDING @7      | G<br>7 G           |
| SUPPLEMENTAL PROGRAMS        |  |                             |   |          |  |                                |                    |
| 9260400                      | FUND OF MANUFACTUR<br>Fundamentals of Manufacturing                                | 6-8                         | /S  |          |  | AUTO PROD<br>ENG<br>ENG&TEC ED | 7 G<br>7 G<br>1 @2 |
| 9260350                      | INTRO TO MANUFACTUR<br>Introduction to Manufacturing                               | 6-8                         | /S  |          |  | AUTO PROD<br>ENG<br>ENG&TEC ED | 7 G<br>7 G<br>1 @2 |
| 9260360                      | INTRO TO MANUF & CP<br>Introduction to Manufacturing and<br>Career Planning        | 6-8                         | /S  |          |  | AUTO PROD<br>ENG<br>ENG&TEC ED | 7 G<br>7 G<br>1 @2 |
| 9200420                      | MANUFACTURING OJT<br>Manufacturing Cooperative Education<br>OJT                    | 9-12                        | /M  | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |                                |                    |
| 9201000                      | MANUF DIRECTED ST<br>Manufacturing Directed Study                                  | 11-12                       | /M  | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE |                                |                    |
| APPRENTICESHIP PROGRAMS      |  |                             |   |          |  |                                |                    |
| I48054R                      | APLD WELD TECH - APPR<br>Applied Welding Technologies -<br>Apprenticeship          | 30, 31                      | /   |          |  |                                |                    |
| I48020R                      | CMCL SGN DSNFAB-APPR<br>Commercial Sign Design and Fabrication<br>- Apprenticeship | 30, 31                      | /   |          |  |                                |                    |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                              | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|---|-----------------------------|--|--------|---------------|
|                              |   |                             |  |        |               |
| I15040R                      | ELEC & INST TECH-APP<br>Electrical and Instrumentation<br>Technology - Apprenticeship | 30, 31 /                    |  |        |               |
| I15030R                      | ELECT TECH - APPR<br>Electronic Technology - Apprenticeship                           | 30, 31 /                    |  |        |               |
| I47031R                      | INDUS MACH MAINT-APP<br>Industrial Machinery Maintenance -<br>Apprenticeship          | 30, 31 /                    |  |        |               |
| I48060R                      | IND PLASTICS - APPR<br>Industrial Plastics - Apprenticeship                           | 30, 31 /                    |  |        |               |
| I48050R                      | MACHINING - APPR<br>Machining - Apprenticeship  | 30, 31 /                    |  |        |               |
| I47010R                      | MAJ APP&REFG RPR APP<br>Major Appliance and Refrigeration<br>Repair - Apprenticeship  | 30, 31 /                    |  |        |               |
| I47032R                      | MILLWRIGHT - APPR<br>Millwright - Apprenticeship                                      | 30, 31 /                    |  |        |               |
| I48052R                      | SH MFL FAB TECH-APPR<br>Sheet Metal Fabrication Technology<br>- Apprenticeship        | 30, 31 /                    |  |        |               |

|-----  
|MARKETING, SALES & SERVICES CAREER CLUSTER|  
|-----MANAGEMENT & ENTREPRENEURSHIP CAREER PATH (MKPA)  
|-----

|         |  |         |    |     |   |                                      |
|---------|--|---------|----|-----|---|--------------------------------------|
| 8812000 | BUSINESS OWNERSHIP<br>Business Ownership/Level 3                   | 9-12 /Y | PA | 1.0 | BUS ED 1<br>MKTG MGMT 7 G<br>TC COOP ED @7<br>ADVR PROM 7 G                     | MKTG 1<br>RETAILING @7 7 G<br>VOE @7 |
| 8812100 | ENTREPRENEURSHIP<br>Entrepreneurship                               | 9-12 /  |    |     |   |                                      |
| 8812110 | PRIN OF ENTREPRENEUR<br>Principles of Entrepreneurship/<br>Level 2 | 9-12 /Y | PA | 1.0 | BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>TC COOP E@7<br>VOE @7 |                                      |
| 8812120 | BUSINESS MGMT & LAW<br>Business Management and Law/Level 3         | 9-12 /Y |    | 1.0 | BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>TC COOP E@7<br>VOE @7 |                                      |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                      | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING |              |
|---|--|-----------------------------|--|--------|---------------|-----------------|--------------|
|   |  |                             |  |        |               | COURSES MEETING | SUBJECT AREA |
| 8812000   | BUSINESS OWNERSHIP<br>Business Ownership/Level 3         | 9-12                        | /Y PA                                      | 1.0    |               | BUS ED          | 1            |
|   |  |                             |  |        |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
|   |  |                             |  |        |               | TC COOP E@7     |              |
|   |  |                             |  |        |               | VOE             | @7           |
|   |  |                             |  |        |               | ADVR PROM 7     | G            |
| PROFESSIONAL SALES & MARKETING CAREER PATH (MKPB) |  |                             |  |        |               |                 |              |
| 8827200   | E-COMMERCE MARKETING<br>E-Commerce Marketing             | 9-12                        | /  |        |               |                 |              |
| 8827110   | MARKETING ESSENTIALS<br>Marketing Essentials/Level 2     | 9-12                        | /Y PA                                      | 1.0    |               | BUS ED          | 1 @2         |
|   |  |                             |  |        |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
|   |  |                             |  |        |               | ADVR PROM 7     | G            |
|   |  |                             |  |        |               | TC COOP E@7     |              |
| 8827120   | MARKETING APPS<br>Marketing Applications/Level 2         | 9-12                        | /Y PA                                      | 1.0    |               | BUS ED          | 1 @2         |
|   |  |                             |  |        |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
|   |  |                             |  |        |               | ADVR PROM 7     | G            |
| 8827210   | E-COMMERCE MARKETING<br>E-Commerce Marketing/Level 3     | 9-12                        | /Y   | 1.0    |               | BUS ED          | 1 @2         |
|   |  |                             |  |        |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
| 8806000   | FASHION MARKETING<br>Fashion Marketing                   | 9-12                        | /  |        |               |                 |              |
| 8806010   | FASH ESSENTIALS<br>Fashion Essentials/Level 2            | 9-12                        | /Y PA                                      | 1.0    |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
| 8827110   | MARKETING ESSENTIALS<br>Marketing Essentials/Level 2     | 9-12                        | /Y PA                                      | 1.0    |               | BUS ED          | 1 @2         |
|   |  |                             |  |        |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
|   |  |                             |  |        |               | ADVR PROM 7     | G            |
|   |  |                             |  |        |               | TC COOP E@7     |              |
| 8806020   | FASHION APPL<br>Fashion Applications/Level 2             | 9-12                        | /Y PA                                      | 1.0    |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
| 8827120   | MARKETING APPS<br>Marketing Applications/Level 2         | 9-12                        | /Y PA                                      | 1.0    |               | BUS ED          | 1 @2         |
|   |  |                             |  |        |               | MKTG            | 1            |
|   |  |                             |  |        |               | MKTG MGMT       | 7 G          |
|   |  |                             |  |        |               | RETAILING@7     | 7 G          |
|   |  |                             |  |        |               | ADVR PROM 7     | G            |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                      | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   | COURSES MEETING |              |
|------------------------------|---|-----------------------------|--|--------|---|-----------------|--------------|
|                              |   |                             |  |        |   | COURSES MEETING | SUBJECT AREA |
| 8806030                      | FASH MKT MGMT 3<br>Fashion Marketing Management/Level 3                       | 9-12                        | /Y PA                                      | 1.0    | MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G  |                 |              |
| 8839100                      | INTERNATIONAL MKT<br>International Marketing                                  | 9-12                        | /  |        |   |                 |              |
| 8827110                      | MARKETING ESSENTIALS<br>Marketing Essentials/Level 2                          | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>ADVR PROM 7 G<br>TC COOP E@7 |                 |              |
| 8839110                      | INTL MARKETING 1<br>International Marketing 1/Level 2                         | 9-12                        | /Y   | 1.0    | BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>TC COOP E@7                     |                 |              |
| 8839120                      | INTL MARKETING 2<br>International Marketing 2/Level 2                         | 9-12                        | /Y   | 1.0    | BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>TC COOP E@7                     |                 |              |
| 8839130                      | INTL MARKETING 3<br>International Marketing 3/Level 3                         | 9-12                        | /Y   | 1.0    | BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>TC COOP E@7                     |                 |              |
| 9200500                      | MKT, MGMT & ENTREN<br>Marketing, Management and<br>Entrepreneurial Principles | 9-12                        | /  |        |   |                 |              |
| 8827110                      | MARKETING ESSENTIALS<br>Marketing Essentials/Level 2                          | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>ADVR PROM 7 G<br>TC COOP E@7 |                 |              |
| 8827120                      | MARKETING APPS<br>Marketing Applications/Level 2                              | 9-12                        | /Y PA                                      | 1.0    | BUS ED 1 @2<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>ADVR PROM 7 G                |                 |              |
| 8827130                      | MARKETING MANAGEMENT<br>Marketing Management/Level 2                          | 9-12                        | /Y PA                                      | 1.0    | ADVR PROM 7 G<br>BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G                   |                 |              |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|---|--------|--|
|                              |  |                             |   |        |  |
| 8812000                      | BUSINESS OWNERSHIP<br>Business Ownership/Level 3   | 9-12                        | /Y PA   | 1.0    | BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>TC COOP E@7<br>VOE @7<br>ADVR PROM 7 G |
| M807010                      | REAL ESTA SLS AGT<br>Real Estate Sales Agent   | 30, 31                      | /   |        |  |
| REE0047                      | REAL ESTATE SALES AG<br>Real Estate Sales Agent  | 30, 31                      | /Y  |        | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| M200100                      | REAL EST SLS ASSC PL<br>Real Estate Sales Associate Post<br>Li censi ng                      | 30, 31                      | /   |        |  |
| REE0089                      | REAL EST SALES ASSC<br>Real Estate Sales Associate Post<br>Li censi ng                       | 30, 31                      | /Y  |        | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE   |
| 8827400                      | SPRT REC ENT MKT<br>Sport, Recreation, and Entertainment<br>Marketing                        | 9-12                        | /   |        |  |
| 8827410                      | SPORT REC ENT ESSEN<br>Sport, Recreation, and Entertainment<br>Essentials/Level 2            | 9-12                        | /Y  | 1.0    | ADVR PROM 7 G<br>BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G                          |
| 8827110                      | MARKETING ESSENTIALS<br>Marketing Essentials/Level 2   | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>ADVR PROM 7 G<br>TC COOP E@7        |
| 8827420                      | SPORT REC ENT APPL<br>Sport, Recreation, and Entertainment<br>Applications/Level 2           | 9-12                        | /Y PA   | 1.0    | ADVR PROM 7 G<br>BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G                          |
| 8827120                      | MARKETING APPS<br>Marketing Applications/Level 2   | 9-12                        | /Y PA   | 1.0    | BUS ED 1 @2<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G<br>ADVR PROM 7 G                       |
| 8827430                      | SPRT REC ENT MKT MGM<br>Sport, Recreation, and Entertainment<br>Marketing Management/Level 3 | 9-12                        | /Y  | 1.0    | ADVR PROM 7 G<br>BUS ED 1<br>MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G                          |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                                   | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                          | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING |              | CERTIFICATION |
|--|---|-----------------------------|--|----------|-----------------|--------------|---------------|
|  |   |                             |  |          | COURSES MEETING | SUBJECT AREA |               |
| 8827440  | SPRT REC ENT INTERN<br>Sport, Recreation, and Entertainment<br>Internship/Level 2 | 9-12                        | /Y   | 1.0      | ADVR PROM T     | G            |               |
|  |   |                             |  |          | BUS ED          | 1            |               |
|  |   |                             |  |          | MKTG            | 1            |               |
|  |   |                             |  |          | MKTG MGMT       | 7 G          |               |
| 8800410  | MARKETING COOP-OJT<br>Marketing Cooperative Education- OJT<br>/Level 2            | 9-12                        | /M   | MULTIPLE | RETAILING@7     | 7 G          |               |
|  |   |                             |  |          | MKTG            | 1 @2         |               |
|  |   |                             |  |          | ADVR PROM       | 7 G          |               |
|  |   |                             |  |          | BUS ED          | 1            |               |
|  |   |                             |  |          | MKTG MGMT       | 7 G          |               |
|  |   |                             |  |          | RETAILING@7     | 7 G          |               |
| MARKETING INFORMATION MANAGEMENT & RESEARCH CAREER PATH (MKPE) |   |                             |  |          |                 |              |               |
| 8848100  | CUSTOMER SERVICE REP<br>Customer Service Representative                           | 9-12                        | /  |          |                 |              |               |
| 8848110  | CUSTOMER SERV REPR 1<br>Customer Service Representative 1/<br>Level 2             | 9-12                        | /Y   | 1.0      | ADVR PROM       | 7 G          |               |
|  |   |                             |  |          | BANK FINC@7     | 7 G          |               |
|  |   |                             |  |          | BUS ED          | 1 @2         |               |
|  |   |                             |  |          | HOTEL TRNG      | 7 G          |               |
|  |   |                             |  |          | INSURANCE       | 7 G          |               |
|  |   |                             |  |          | MKTG            | 1            |               |
|  |   |                             |  |          | MKTG MGMT       | 7 G          |               |
|  |   |                             |  |          | RETAILING@7     | 7 G          |               |
|  |   |                             |  |          | TRANSPORT       | 7 G          |               |
| 8848120  | CUSTOMER SERV REPR 2<br>Customer Service Representative 2/<br>Level 2             | 9-12                        | /Y   | 1.0      | ADVR PROM       | 7 G          |               |
|  |   |                             |  |          | BANK FINC@7     | 7 G          |               |
|  |   |                             |  |          | BUS ED          | 1 @2         |               |
|  |   |                             |  |          | HOTEL TRNG      | 7 G          |               |
|  |   |                             |  |          | INSURANCE       | 7 G          |               |
|  |   |                             |  |          | MKTG            | 1            |               |
|  |   |                             |  |          | MKTG MGMT       | 7 G          |               |
|  |   |                             |  |          | RETAILING@7     | 7 G          |               |
|  |   |                             |  |          | TRANSPORT       | 7 G          |               |
| 8848130  | CUSTOMER SERV REPR 3<br>Customer Service Representative 3/<br>Level 2             | 9-12                        | /Y   | 1.0      | ADVR PROM       | 7 G          |               |
|  |   |                             |  |          | BANK FINC@7     | 7 G          |               |
|  |   |                             |  |          | BUS ED          | 1 @2         |               |
|  |   |                             |  |          | HOTEL TRNG      | 7 G          |               |
|  |   |                             |  |          | INSURANCE       | 7 G          |               |
|  |   |                             |  |          | MKTG            | 1            |               |
|  |   |                             |  |          | MKTG MGMT       | 7 G          |               |
|  |   |                             |  |          | RETAILING@7     | 7 G          |               |
|  |   |                             |  |          | TRANSPORT       | 7 G          |               |
| 8848140  | CUSTOMER SERV REPR 4<br>Customer Service Representative 4/<br>Level 2             | 9-12                        | /Y   | 1.0      | ADVR PROM       | 7 G          |               |
|  |   |                             |  |          | BANK FINC@7     | 7 G          |               |
|  |   |                             |  |          | BUS ED          | 1 @2         |               |
|  |   |                             |  |          | HOTEL TRNG      | 7 G          |               |
|  |   |                             |  |          | INSURANCE       | 7 G          |               |
|  |   |                             |  |          | MKTG            | 1            |               |
|  |   |                             |  |          | MKTG MGMT       | 7 G          |               |
|  |   |                             |  |          | RETAILING@7     | 7 G          |               |
|  |   |                             |  |          | TRANSPORT       | 7 G          |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                             | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | COURSES MEETING                            | CERTIFICATION                 |
|---|--|-----------------------------|--|----------|--|-------------------------------|
|   |  |                             |  |          |  |                               |
| DISTRIBUTION & LOGISTICS CAREER PATH (MKPF) |  |                             |  |          |  |                               |
| MB12040                                     | DIST & LOG MGMT<br>Distribution and Logistics Management                             | 30, 31                      | /  |          |  |                               |
| MNA0088                                     | CUST SERVICE SPEC<br>Customer Service Specialist                                     | 30, 31                      | /Y   | 1.5      | MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G |                               |
| MKA0631                                     | BILLING CLERK<br>Billing Clerk   | 30, 31                      | /Y   | 1.5      | MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G |                               |
| MKA0632                                     | STOCK CLERK<br>Stock Clerk   | 30, 31                      | /Y   | 1.0      | MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G |                               |
| MKA0633                                     | SALES REP, W & MANF<br>Sales Representatives, Wholesale and<br>Manufacturing         | 30, 31                      | /Y   | 2.0      | MKTG 1<br>MKTG MGMT 7 G<br>RETAILING@7 7 G |                               |
| SUPPLEMENTAL PROGRAMS                       |  |                             |  |          |  |                               |
| 8800210                                     | EX OF MKT OCCS<br>Exploration of Marketing Occupations                               | 6-8                         | /S   |          | BUS ED 1<br>MKTG MGMT 7 G                  | MKTG 1                        |
| 9380300                                     | FUND OF MARKET OCCS<br>Fundamentals of Marketing Occupations                         | 6-8                         | /S   |          | BUS ED 1<br>MKTG MGMT @7 G                 | MKTG 1                        |
| 9309350                                     | INTRO MKT SAL & SR<br>Introduction to Marketing Sales and<br>Service                 | 6-8                         | /S   |          | BUS ED 1<br>MKTG MGMT 7 G                  | MKTG 1                        |
| 9309360                                     | INTRO MKT & CP<br>Introduction to Marketing Sales and<br>Service and Career Planning | 6-8                         | /S   |          | BUS ED 1<br>MKTG MGMT 7 G                  | MKTG 1                        |
| 8800110                                     | ORIE TO MKT OCCS<br>Orientation to Marketing Occupations                             | 6-8                         | /S   |          | BUS ED 1<br>MKTG MGMT 7 G                  | MKTG 1<br>RETAILING @7 7 G    |
| 8800410                                     | MARKETING COOP-OJT<br>Marketing Cooperative Education- OJT<br>/Level 2               | 9-12                        | /M   | MULTIPLE | MKTG 1 @2<br>BUS ED 1<br>RETAILING @7 7 G  | ADVR PROM 7 G<br>KTG MGMT 7 G |
| 8800100                                     | MKT ED DIR STUDY<br>Marketing Education Directed Study                               | 11-12                       | /M   | MULTIPLE | ANY MARKETING ED G<br>BUS ED 1             |                               |
| 8899990                                     | MKT ED TRAN<br>Marketing Education Transfer  | 9-12                        | /  |          | NA   |                               |
| MO00000                                     | MKT ED TRANSFER<br>Marketing Education Transfer                                      | 30, 31                      | /  |          | NA   |                               |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---------------|
|                              |  |                             |   |        |               |

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 |TRANSPORTATION, DISTRIBUTION & LOGISTICS CAREER CLUSTER|  
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 FACILITY & MOBILE EQUIPMENT MAINTENANCE CAREER PATH (TRPD)  
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|         |   |        |    |     |                                      |
|---------|---|--------|----|-----|--------------------------------------|
| I470604 | ADV AUTO SERVICE TEC<br>Advanced Automotive Service Technology                        | 30, 31 | /  |     |                                      |
| AER0011 | AUTO MAINT TECH<br>Automotive Maintenance Technician                                  | 30, 31 | /Y | 2.5 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0118 | ADV ENG RPR TECH<br>Advanced Engine Repair Technician                                 | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0258 | ADV AUTO TRANS TECH<br>Advanced Automatic Transmission and<br>Transaxle Technician    | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0275 | ADV MAN DT/AXLE TECH<br>Advanced Manual Drivetrain and Axle<br>Technician             | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0459 | ADV AUTO SUSP & STEE<br>Advanced Automotive Suspension and<br>Steering Technician     | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0419 | ADV AUTO BRAKE SYS<br>Advanced Automotive Brake System<br>Technician                  | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0319 | ADV AUTO ELEC TECH<br>Advanced Automotive Electrical/<br>Electronic System Technician | 30, 31 | /Y | 2.5 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0173 | ADV AUTO HEAT&AC<br>Advanced Automotive Heating and Air<br>Conditioning Technician    | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0506 | ADV AUTO ENGN PERF T<br>Advanced Automotive Engine Performance<br>Technician          | 30, 31 | /Y | 2.5 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| T600100 | ADV AUTO SVR TECH 1<br>Advanced Automotive Service<br>Technology 1                    | 30, 31 | /  |     |                                      |
| AER0011 | AUTO MAINT TECH<br>Automotive Maintenance Technician                                  | 30, 31 | /Y | 2.5 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0319 | ADV AUTO ELEC TECH<br>Advanced Automotive Electrical/<br>Electronic System Technician | 30, 31 | /Y | 2.5 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| T600200 | ADV AUTO SVR TECH 2<br>Advanced Automotive Service<br>Technology 2                    | 30, 31 | /  |     |                                      |
| AER0118 | ADV ENG RPR TECH<br>Advanced Engine Repair Technician                                 | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0258 | ADV AUTO TRANS TECH<br>Advanced Automatic Transmission and<br>Transaxle Technician    | 30, 31 | /Y | 1.0 | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                               | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |                 |                 | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|--------|-----------------|-----------------|-----------------|-----------------|
|                              |  |                             |  |        | COURSES MEETING | COURSES MEETING | COURSES MEETING |                 |
| AERO275                      | ADV MAN DT/AXLE TECH<br>Advanced Manual Drivetrain and Axle Technician                 | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO MECH@7 7 G |
| AERO459                      | ADV AUTO SUSP & STEE<br>Advanced Automotive Suspension and Steering Technician         | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO MECH@7 7 G |
| AERO419                      | ADV AUTO BRAKE SYS<br>Advanced Automotive Brake System Technician                      | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO MECH@7 7 G |
| AERO173                      | ADV AUTO HEAT&AC<br>Advanced Automotive Heating and Air Conditioning Technician        | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO MECH@7 7 G |
| AERO506                      | ADV AUTO ENGN PERF T<br>Advanced Automotive Engine Performance Technician              | 30, 31                      | /Y   | 2.5    | AUTO IND @7     | %7              | %G              | AUTO MECH@7 7 G |
| aT401200                     | aALTERNATIVE FUEL TEC<br>Alternative Fuels Technology                                  | 30, 31                      | /  |        |                 |                 |                 |                 |
| aAERO875                     | aALT FUELS MAINT TECH<br>Alternative Fuels Maintenance Technician                      | 30, 31                      | /Y   | 2.0    | AUTO MECH@7     | 7               | G               |                 |
| aAERO876                     | aADV ALT FUELS TECH<br>Advanced Alternative Fuels Technician                           | 30, 31                      | /Y   | 2.0    | AUTO MECH@7     | 7               | G               |                 |
| aAERO877                     | aCNG FUEL SYS INSPECT<br>CNG Fuel System Inspector                                     | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7               | G               |                 |
| 9514000                      | AUTO COLLISION TECH<br>Automotive Collision Technology                                 | 9-12                        | /  |        |                 |                 |                 |                 |
| 9514010                      | COLL PAINT/BODY ASST<br>Automotive Collision Paint and Body Assistant/Level 2          | 9-12                        | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO BODY@7 7 G |
| 9514020                      | COLL PAINT/REF ASST1<br>Automotive Collision Paint and Refinishing Assistant 1/Level 2 | 9-12                        | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO BODY@7 7 G |
| 9514030                      | COLL PAINT/REF ASST2<br>Automotive Collision Paint and Refinishing Assistant2/Level 2  | 9-12                        | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO BODY@7 7 G |
| 9514040                      | COLL PAINT/REF ASST3<br>Automotive Collision Paint and Refinishing Assistant 3/Level 2 | 9-12                        | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO BODY@7 7 G |
| 9514050                      | COLL NON-STRUCT 1<br>Automotive Collision Non-Structural Damage Assistant 1/Level 2    | 9-12                        | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO BODY@7 7 G |
| 9514060                      | COLL NON-STRUCT 2<br>Automotive Collision Non-Structural Damage Assistant 2/Level 2    | 9-12                        | /Y   | 1.0    | AUTO IND @7     | %7              | %G              | AUTO BODY@7 7 G |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION   |
|------------------------------|---|-----------------------------|--|--------|---|
|                              |   |                             |  |        |   |
| T401300                      | AUTO COLL TECH TEC<br>Automotive Collision Technology<br>Technician                                   | 30, 31                      | /  |        |   |
| ARR0140                      | COLL REPAIR HELPER<br>Automotive Collision Repair and<br>Refinishing Helper/Assistant                 | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO BODY@7 7 G  |
| ARR0141                      | COLL REFINISHING TEC<br>Automotive Collision Refinishing<br>Technician                                | 30, 31                      | /Y   | 3.0    | AUTO IND @7 %7 %G<br>AUTO BODY@7 7 G  |
| ARR0312                      | NON-STRUC DAMAGE TEC<br>Non-Structural Damage Repair<br>Technician                                    | 30, 31                      | /Y   | 2.0    | AUTO IND @7 %7 %G<br>AUTO BODY@7 7 G  |
| ARR0022                      | DAMAGE ANALYSIS/EST<br>Damage Analysis and Estimating   | 30, 31                      | /S   | 0.5    | AUTO IND @7 %7 %G<br>AUTO BODY@7 7 G  |
| ARR0112                      | AUTO COLL WELDING<br>Automotive Collision Welding, Cutting<br>and Joining                             | 30, 31                      | /S   | 0.5    | AUTO IND @7 %7 %G<br>AUTO BODY@7 7 G  |
| ARR0295                      | STRUCT DAMAGE REPAIR<br>Structural Damage Repair Technician   | 30, 31                      | /Y   | 2.0    | AUTO IND @7 %7 %G<br>AUTO BODY@7 7 G  |
| <sup>a</sup> T401100         | <sup>a</sup> AUTO CNG/LPG TECH<br>Automotive Compressed Natural Gas/<br>Liquid Propane Gas Technician | 30, 31                      | /  |        |   |
| AER0014                      | AUTO SERVICES ASST<br>Automobile Services Assistor  | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G  |
| AER0360                      | AUTO ELEC/ELECT TEC<br>Automotive Electrical/Electronic<br>System Technician                          | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G  |
| AER0503                      | AUTO ENGN PERF TEC<br>Automotive Engine Performance<br>Technician                                     | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G  |
| <sup>a</sup> AER0871         | <sup>a</sup> AUTO CNG TECHNICIAN<br>Automotive Compressed Natural Gas<br>Technician                   | 30, 31                      | /Y   | 1.0    | AUTO MECH@7 7 G   |
| <sup>a</sup> AER0872         | <sup>a</sup> AUTO LPG TECHNICIAN<br>Automotive Liquid Propane Gas<br>Technician                       | 30, 31                      | /Y   | 1.0    | AUTO MECH@7 7 G   |
| <sup>a</sup> T400910         | <sup>a</sup> AUTO CUSTOMER SERVIC<br>Automotive Customer Service Advisor                              | 30, 31                      | /  |        |   |
| <sup>a</sup> AER0075         | <sup>a</sup> INTRO AUTO SERV ADV<br>Introduction to Automotive Service<br>Advisor                     | 30, 31                      | /S   | 0.5    | AUTO MECH@7 7 G<br>CUST SERV 7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>RETAILING@7 7 G |
| <sup>a</sup> AER0076         | <sup>a</sup> INTRO AUTO CUST SERV<br>Introduction to Automotive Customer<br>Service                   | 30, 31                      | /S   | 0.5    | AUTO MECH@7 7 G<br>CUST SERV 7 G<br>MKTG 1 @2<br>MKTG MGMT@7 7 G<br>RETAILING@7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |      |    | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|------|----|---------------|
|                              |  |                             |  |        | COURSES MEETING |      |    |               |
| <sup>a</sup> AERO077         | DEALER POLICIES/PROC<br>Dealership Policies and Procedures                 | 30, 31                      | /S   | 0.5    | AUTO MECH@7     | 7    | G  |               |
|                              |  |                             |  |        | CUST SERV       | 7    | G  |               |
|                              |  |                             |  |        | MKTG            | 1 @2 |    |               |
|                              |  |                             |  |        | MKTG MGMT@7     | 7    | G  |               |
|                              |  |                             |  |        | RETAILING@7     | 7    | G  |               |
| <sup>a</sup> AERO946         | DEALER SERV INTERN<br>Dealership Service Advisor Internship                | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7    | G  |               |
|                              |  |                             |  |        | CUST SERV       | 7    | G  |               |
|                              |  |                             |  |        | MKTG            | 1 @2 |    |               |
|                              |  |                             |  |        | MKTG MGMT@7     | 7    | G  |               |
|                              |  |                             |  |        | RETAILING@7     | 7    | G  |               |
| <sup>a</sup> AERO078         | SERVICE ADVISOR PART<br>Service Advisor Parts Analyst                      | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7    | G  |               |
|                              |  |                             |  |        | CUST SERV       | 7    | G  |               |
|                              |  |                             |  |        | MKTG            | 1 @2 |    |               |
|                              |  |                             |  |        | MKTG MGMT@7     | 7    | G  |               |
|                              |  |                             |  |        | RETAILING@7     | 7    | G  |               |
| <sup>a</sup> T400710         | <sup>a</sup> AUTO DRIVETRAIN TEC<br>Automotive Drivetrain Technician       | 30, 31                      | /  |        |                 |      |    |               |
| AERO014                      | AUTO SERVICES ASST<br>Automobile Services Assistor                         | 30, 31                      | /Y   | 2.0    | AUTO MECH@7     | 7    | G  |               |
| AERO110                      | ENGN RPR TECH<br>Engine Repair Technician                                  | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7   | %G |               |
| AERO274                      | MAN DRIVETRAIN/AXLE<br>Manual Drivetrain/Axle Technician                   | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7    | G  |               |
| AERO257                      | AUTO TRANS&AXLE TECH<br>Automatic Transmission and Transaxle Technician    | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7   | %G |               |
|                              |  |                             |  |        | AUTO MECH@7     | 7    | G  |               |
| T400720                      | AUTO ELECTRICAL TEC<br>Automotive Electrical Technician                    | 30, 31                      | /  |        |                 |      |    |               |
| AERO014                      | AUTO SERVICES ASST<br>Automobile Services Assistor                         | 30, 31                      | /Y   | 2.0    | AUTO MECH@7     | 7    | G  |               |
| AERO360                      | AUTO ELEC/ELECT TECH<br>Automotive Electrical/Electronic System Technician | 30, 31                      | /Y   | 2.0    | AUTO IND @7     | %7   | %G |               |
| AERO172                      | AUTO HEAT&AC TECH<br>Automotive Heating and Air Conditioning Technician    | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7    | G  |               |
|                              |  |                             |  |        | AUTO IND @7     | %7   | %G |               |
| T400730                      | AUTO GEN SERV TECH<br>Automotive General Service Technician                | 30, 31                      | /  |        |                 |      |    |               |
| AERO014                      | AUTO SERVICES ASST<br>Automobile Services Assistor                         | 30, 31                      | /Y   | 2.0    | AUTO MECH@7     | 7    | G  |               |
| AERO418                      | AUTO BRAKE SYS TECH<br>Automotive Brake System Technician                  | 30, 31                      | /Y   | 1.0    | AUTO IND @7     | %7   | %G |               |
| AERO453                      | AUTO SUSP & STEER TE<br>Automobile Suspension and Steering Technician      | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7    | G  |               |
|                              |  |                             |  |        | AUTO IND @7     | %7   | %G |               |
| AERO110                      | ENGN RPR TECH<br>Engine Repair Technician                                  | 30, 31                      | /Y   | 1.0    | AUTO MECH@7     | 7    | G  |               |
|                              |  |                             |  |        | AUTO IND @7     | %7   | %G |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                      | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                        |
|------------------------------|---|-----------------------------|--|--------|--------------------------------------|
|                              |   |                             |  |        |                                      |
| 9504100                      | AUTO MAINT/LT REPAIR<br>Automotive Maintenance and Light<br>Repair            | 9-12                        | /  |        |                                      |
| 9504110                      | AUTO MAINT/LT RPR 1<br>Automotive Maintenance and Light<br>Repair 1/Level 3   | 9-12                        | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| 9504120                      | AUTO MAINT/LT RPR 2<br>Automotive Maintenance and Light<br>Repair 2/Level 3   | 9-12                        | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| 9504130                      | AUTO MAINT/LT RPR 3<br>Automotive Maintenance and Light<br>Repair 3/Level 3   | 9-12                        | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| 9504140                      | AUTO MAINT/LT RPR 4<br>Automotive Maintenance and Light<br>Repair 4/Level 3   | 9-12                        | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| 9504150                      | AUTO MAINT/LT RPR 5<br>Automotive Maintenance and Light<br>Repair 5/Level 3   | 9-12                        | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| 9504160                      | AUTO MAINT/LT RPR 6<br>Automotive Maintenance and Light<br>Repair 6/Level 3   | 9-12                        | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| T404100                      | AUTO MAINT & LIGHT<br>Automotive Maintenance and Light<br>Repair Technician   | 30, 31                      | /  |        |                                      |
| AER0025                      | MAINT & LIGHT RPR 1<br>Maintenance and Light Repair<br>Technician 1           | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0026                      | MAINT & LIGHT RPR 2<br>Maintenance and Light Repair<br>Technician 2           | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0027                      | MAINT & LIGHT RPR 3<br>Maintenance and Light Repair<br>Technician 3           | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0028                      | MAINT & LIGHT RPR 4<br>Maintenance and Light Repair<br>Technician 4           | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| T400740                      | AUTO PERFORMANCE TEC<br>Automotive Performance Technician                     | 30, 31                      | /  |        |                                      |
| AER0014                      | AUTO SERVICES ASST<br>Automobile Services Assistor                            | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0360                      | AUTO ELEC/ELECT TECH<br>Automotive Electrical/Electronic<br>System Technician | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0110                      | ENGN RPR TECH<br>Engine Repair Technician                                     | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0503                      | AUTO ENGN PERF TECH<br>Automotive Engine Performance<br>Technician            | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION                        |
|------------------------------|--|-----------------------------|--|--------|--------------------------------------|
|                              |  |                             |  |        |                                      |
| I470608                      | AUTO SERVICE TECH<br>Automotive Service Technology                         | 30, 31                      | /  |        |                                      |
| AER0014                      | AUTO SERVICES ASST<br>Automobile Services Assistor                         | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0110                      | ENGN RPR TECH<br>Engine Repair Technician                                  | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0257                      | AUTO TRANS&AXLE TECH<br>Automatic Transmission and Transaxle Technician    | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0274                      | MAN DRIVETRAIN/AXLE<br>Manual Drivetrain/Axle Technician                   | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0453                      | AUTO SUSP & STEER TE<br>Automobile Suspension and Steering Technician      | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0418                      | AUTO BRAKE SYS TECH<br>Automotive Brake System Technician                  | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0360                      | AUTO ELEC/ELECT TECH<br>Automotive Electrical/Electronic System Technician | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0172                      | AUTO HEAT&AC TECH<br>Automotive Heating and Air Conditioning Technician    | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0503                      | AUTO ENGN PERF TECH<br>Automotive Engine Performance Technician            | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| T400700                      | AUTO SERVICE TECH 1<br>Automotive Service Technology 1                     | 30, 31                      | /  |        |                                      |
| AER0014                      | AUTO SERVICES ASST<br>Automobile Services Assistor                         | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0418                      | AUTO BRAKE SYS TECH<br>Automotive Brake System Technician                  | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0453                      | AUTO SUSP & STEER TE<br>Automobile Suspension and Steering Technician      | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0360                      | AUTO ELEC/ELECT TECH<br>Automotive Electrical/Electronic System Technician | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0110                      | ENGN RPR TECH<br>Engine Repair Technician                                  | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| T400800                      | AUTO SERVICE TECH 2<br>Automotive Service Technology 2                     | 30, 31                      | /  |        |                                      |
| AER0503                      | AUTO ENGN PERF TECH<br>Automotive Engine Performance Technician            | 30, 31                      | /Y   | 2.0    | AUTO MECH@7 7 G<br>AUTO IND @7 %7 %G |
| AER0257                      | AUTO TRANS&AXLE TECH<br>Automatic Transmission and Transaxle Technician    | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |
| AER0274                      | MAN DRIVETRAIN/AXLE<br>Manual Drivetrain/Axle Technician                   | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|------------------------------|--|-----------------------------|--|--------|--|
|                              |  |                             |  |        |  |
| AERO172                      | AUTO HEAT&AC TECH<br>Automotive Heating and Air<br>Conditioning Technician | 30, 31                      | /Y   | 1.0    | AUTO IND @7 %7 %G<br>AUTO MECH@7 7 G   |
| T640300                      | AVIATION AIRFRAME<br>Aviation Airframe Mechanics                           | 30, 31                      | /  |        |  |
| AMT0705                      | AV MAINT GEN TECH<br>Aviation Maintenance General<br>Technician            | 30, 31                      | /Y   | 3.0    | AIR MECH @7 7 G  |
| AMT0765                      | AV MAINT AF TECH 1<br>Aviation Maintenance Airframe<br>Technician 1        | 30, 31                      | /Y PA                                      | 3.0    | AIR MECH @7 7 G  |
| AMT0766                      | AV MAINT AF TECH 2<br>Aviation Maintenance Airframe<br>Technician 2        | 30, 31                      | /Y   | 3.0    | AIR MECH @7 7 G  |
| 9540700                      | AVIATION ASSEMB/FAB<br>Aviation Assembly and Fabrication                   | 9-12                        | /  |        |  |
| 9540610                      | PRIVATE PIOLT GROUND<br>Private Pilot Ground School/Level 3                | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AVIONICS @7 7 G<br>AEROSPACE 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 9540710                      | AVIATION ASSEMB TEC1<br>Aviation Assembly Technician 1/<br>Level 3         | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AVIONICS @7 7 G<br>AEROSPACE 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 9540720                      | AVIATION ASSEMB TEC2<br>Aviation Assembly Technician 2/<br>Level 3         | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AVIONICS @7 7 G<br>AEROSPACE 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 9540730                      | AVIATION ASSEMB TEC3<br>Aviation Assembly Technician 3/<br>Level 3         | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AVIONICS @7 7 G<br>AEROSPACE 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 9540600                      | AVIATION MAINT GEN<br>Aviation Maintenance General                         | 9-12                        | /  |        |  |
| 9540610                      | PRIVATE PIOLT GROUND<br>Private Pilot Ground School/Level 3                | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G<br>AVIONICS @7 7 G<br>AEROSPACE 7 G<br>ENG TEC 7 G<br>ENG&TEC ED1 @2 |
| 8715110                      | AVIATION MAINT GEN 1<br>Aviation Maintenance General 1/<br>Level 3         | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G  |
| 8715120                      | AVIATION MAINT GEN 2<br>Aviation Maintenance General 2/<br>Level 3         | 9-12                        | /Y   | 1.0    | AIR MECH @7 7 G  |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                  | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   |   |
|------------------------------|---|-----------------------------|--|--------|-----------------|---|---|
|                              |   |                             |  |        | CERTIFICATION   |   |   |
| 8715130                      | AVIATION MAINT GEN 3<br>Aviation Maintenance General 3/<br>Level 3        | 9-12                        | /Y   | 1.0    | AIR MECH @7     | 7 | G |
| T640400                      | AVIATION POWPL MECH<br>Aviation Powerplant Mechanics                      | 30, 31                      | /  |        |                 |   |   |
| AMT0705                      | AV MAINT GEN TECH<br>Aviation Maintenance General<br>Technician           | 30, 31                      | /Y   | 3.0    | AIR MECH @7     | 7 | G |
| AMT0775                      | AV POWERPLANT TECH 1<br>Aviation Maintenance Powerplant<br>Technician 1   | 30, 31                      | /Y   | 3.0    | AIR MECH @7     | 7 | G |
| AMT0776                      | AV POWERPLANT TECH 2<br>Aviation Maintenance Powerplant<br>Technician 2   | 30, 31                      | /Y   | 3.0    | AIR MECH @7     | 7 | G |
| 9504300                      | AVIONICS SYSTEMS<br>Avionics Systems                                      | 9-12                        | /  |        |                 |   |   |
| 9504310                      | AVIONICS FUND 1<br>Avionics Fundamentals 1/Level 3                        | 9-12                        | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| 9504320                      | AVIONICS FUND 2<br>Avionics Fundamentals 2/Level 3                        | 9-12                        | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| 9504330                      | AVIONICS FUND 3<br>Avionics Fundamentals 3/Level 3                        | 9-12                        | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| 9504340                      | AVIONICS FUND 4<br>Avionics Fundamentals 4/Level 3                        | 9-12                        | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| 9504350                      | AVIONICS FUND CAP<br>Avionics Fundamentals Capstone/<br>Level 3           | 9-12                        | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| T400310                      | AVIONICS SYS TECH<br>Avionics Systems Technician                          | 30, 31                      | /  |        |                 |   |   |
| AVS0680                      | BASIC ELEC WIRE INST<br>Basic Electronics Wiring Installer/<br>Technician | 30, 31                      | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| AVS0681                      | ELECT SYSTEMS TECH<br>Electrical Systems Technician                       | 30, 31                      | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| AVS0682                      | ANALOG CIRCUITS TECH<br>Analog Circuits Technician                        | 30, 31                      | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| AVS0683                      | AIRCRAFT ELECT TECH<br>Aircraft Electronics Technician                    | 30, 31                      | /Y   | 1.0    | AVIONICS @7     | 7 | G |
| AVS0684                      | AVIONICS INSTALL/TEC<br>Avionics Installer/Technician                     | 30, 31                      | /Y   | 2.0    | AVIONICS @7     | 7 | G |
| AVS0685                      | ADV AVIONICS INSTALL<br>Advanced Avionics Installer/Technician            | 30, 31                      | /Y   | 2.0    | AVIONICS @7     | 7 | G |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                         | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION              |            |
|------------------------------|--|-----------------------------|---|--------|----------------------------|------------|
|                              |  |                             |   |        |                            |            |
| T650500                      | CONSTRUCT VEH TECH<br>Constructi on Vehi cle Techni ci an                        | 30, 31                      | /   |        |                            |            |
| TRA0073                      | CONSTRUCT VEH DRIVER<br>Constructi on Vehi cle Driver                            | 30, 31                      | /Y  | 1.0    | OPER ENGR@7                | 7 G        |
| TRA0074                      | CONSTRUCT VEH MAINT<br>Constructi on Vehi cle Mainte nance<br>Techni ci an       | 30, 31                      | /Y  | 1.0    | OPER ENGR@7<br>COMM DRIV@7 | 7 G<br>7 G |
| TRA0075                      | CONSTRUCT VEH OPER<br>Constructi on Vehi cle Operator                            | 30, 31                      | /Y  | 1.5    | OPER ENGR@7<br>COMM DRIV@7 | 7 G<br>7 G |
| T440400                      | DI ESEL MAINT TECH<br>Di esel Mainte nance Techni ci an                          | 30, 31                      | /   |        |                            |            |
| DIM0101                      | DSL ENGN MEC/TEC HLP<br>Di esel Engi ne Mechani c/Techni ci an<br>Hel per        | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| DIM0131                      | DI ESEL AIRBRAKE TECH<br>Di esel Air Brake Techni ci an                          | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| DIM0153                      | DI ESEL MAINT TECH<br>Di esel Preventati ve Mainte nance<br>Techni ci an         | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7               | 7 G        |
| 9504400                      | DI ESEL MAINT TECH<br>Di esel Mainte nance Technol ogy                           | 9- 12                       | /   |        |                            |            |
| 8742010                      | DI ESEL ENGN SERV 1<br>Di esel Engi ne Servi ce 1/Level 3                        | 9- 12                       | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| 9504410                      | DI ESEL MAINT TECH 1<br>Di esel Mainte nance Technol ogy 1/<br>Level 2           | 9- 12                       | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| 9504420                      | DI ESEL MAINT TECH 2<br>Di esel Mainte nance Technol ogy 2/<br>Level 3           | 9- 12                       | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| 9504430                      | DI ESEL MAINT TECH 3<br>Di esel Mainte nance Technol ogy 3/<br>Level 3           | 9- 12                       | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| I470605                      | DI ESEL SYS TECH<br>Di esel Systems Techni ci an                                 | 30, 31                      | /   |        |                            |            |
| DIM0101                      | DSL ENGN MEC/TEC HLP<br>Di esel Engi ne Mechani c/Techni ci an<br>Hel per        | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| DIM0102                      | DSL ELEC & ELECT TEC<br>Di esel Electri cal and Electr onics<br>Techni ci an     | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7               | 7 G        |
| DIM0103                      | DSL ENG PREV MAINT<br>Di esel Engi ne Preventati ve Mainte nance<br>Techni ci an | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7               | 7 G        |
| DIM0104                      | DI ESEL ENGINE TECH<br>Di esel Engi ne Techni ci an                              | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7               | 7 G        |
| DIM0105                      | DI ESEL BRAKES TECH<br>Di esel Brakes Techni ci an                               | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7               | 7 G        |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION    |
|------------------------------|--|-----------------------------|---|--------|------------------|
| DIM0106                      | DSL HEAT & AC TECH<br>Diesel Heating and Air Conditioning<br>Technician    | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0107                      | DSL STEER & SUSP TEC<br>Diesel Steering and Suspension<br>Technician       | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0108                      | DSL DRIVETRAIN TECH<br>Diesel Drivetrain Technician                        | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0109                      | DI ESEL HYDRA TECH<br>Diesel Hydraulics Technician                         | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| T650100                      | DI ESEL SYS TECH 1<br>Diesel Systems Technician 1                          | 30, 31                      | /   |        |                  |
| DIM0101                      | DSL ENGN MEC/TEC HLP<br>Diesel Engine Mechanic/Technician<br>Helper        | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0102                      | DSL ELEC & ELECT TEC<br>Diesel Electrical and Electronics<br>Technician    | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7 7 G |
| DIM0104                      | DI ESEL ENGINE TECH<br>Diesel Engine Technician                            | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7 7 G |
| DIM0105                      | DI ESEL BRAKES TECH<br>Diesel Brakes Technician                            | 30, 31                      | /Y  | 2.0    | DI ESEL ME@7 7 G |
| T650200                      | DI ESEL SYS TECH 2<br>Diesel Systems Technician 2                          | 30, 31                      | /   |        |                  |
| DIM0103                      | DSL ENG PREV MAINT<br>Diesel Engine Preventative Maintenance<br>Technician | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0106                      | DSL HEAT & AC TECH<br>Diesel Heating and Air Conditioning<br>Technician    | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0107                      | DSL STEER & SUSP TEC<br>Diesel Steering and Suspension<br>Technician       | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0108                      | DSL DRIVETRAIN TECH<br>Diesel Drivetrain Technician                        | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |
| DIM0109                      | DI ESEL HYDRA TECH<br>Diesel Hydraulics Technician                         | 30, 31                      | /Y  | 1.0    | DI ESEL ME@7 7 G |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                           | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION | COURSES MEETING   |              |
|------------------------------|--|-----------------------------|--|--------|---------------|---|--------------|
|                              |  |                             |  |        |               | COURSES MEETING   | SUBJECT AREA |
| 9503100                      | GLOB LOG & SUP CH TE<br>Global Logistics and Supply Chain<br>Technology            | 9-12                        | /  |        |               |   |              |
| 8207310                      | DIGITAL INFO TECH<br>Digital Information Technology/<br>Level 2                    | 9-12                        | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>BANK FINC@7 7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>CYBER TECH7 G<br>INFO TECH 7 G<br>MANAG SUPV7 G<br>MKTG 1 @2<br>MKTG MGMT 7 G<br>WEB DEV 7 G |              |
| 9503110                      | GLOB LOG & SUP CH TE<br>Global Logistics and Supply Chain<br>Technology/Level 3    | 9-12                        | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| 9503120                      | INTRO TO IT APPS<br>Introduction to Information<br>Technology Applications/Level 3 | 9-12                        | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| 9503130                      | GLOB LOG OPS<br>Global Logistics Operations/Level 3                                | 9-12                        | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| 9503140                      | GLOB LOG MGMT<br>Global Logistics Management/Level 3                               | 9-12                        | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| T300100                      | GLOB LOG & SUP CH TE<br>Global Logistics and Supply Chain<br>Technology            | 30, 31                      | /  |        |               |   |              |
| TRA0180                      | PACKER<br>Packer   | 30, 31                      | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| TRA0181                      | MATERIAL HANDLER<br>Material Handler   | 30, 31                      | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| OTA0040                      | INFO TECH ASSISTANT<br>Information Technology Assistant                            | 30, 31                      | /Y   | PA     | 1.0           | ACCTING @7 7 G<br>ADMIN ASST7 G<br>BUS ED 1 @2<br>COMM ART @7 7 G<br>COMP PROG 7 G<br>COMPU SCI 6<br>INFO TECH 7 G<br>MANAG SUPV7 G   |              |
| TRA0182                      | SHIP, REC, TRF CLERK<br>Shipping, Receiving and Traffic Clerk                      | 30, 31                      | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| TRA0183                      | LOGISTICS TECH<br>Logistics Technician   | 30, 31                      | /Y   |        | 1.0           | BUS ED 1<br>LOG TECH 7 G  |              |
| T440200                      | HEAVY EQ OPS TECH<br>Heavy Equipment Operations Technician                         | 30, 31                      | /  |        |               |   |              |
| TRA0070                      | HVY EQUIP MAINT TECH<br>Heavy Equipment Maintenance Technician                     | 30, 31                      | /Y   |        | 1.0           | OPER ENGR@7 7 G   |              |
| TRA0086                      | TRACTOR OPERATOR<br>Tractor Operator   | 30, 31                      | /Y   |        | 1.0           | OPER ENGR@7 7 G   |              |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                   | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |   |   |
|------------------------------|--|-----------------------------|--|--------|-----------------|---|---|
|                              |  |                             |  |        | CERTIFICATION   |   |   |
| TRA0087                      | OFFRD EQUIP OP 1<br>Offroad Equipment Operator 1                           | 30, 31                      | /Y   | 2.0    | OPER ENGR@7     | 7 | G |
| TRA0088                      | OFFRD EQUIP OP 2<br>Offroad Equipment Operator 2                           | 30, 31                      | /Y   | 2.0    | OPER ENGR@7     | 7 | G |
| TRA0049                      | CRANE OPERATOR<br>Crane Operator   | 30, 31                      | /Y   | 2.0    | OPER ENGR@7     | 7 | G |
| T440100                      | HVY EQ SERVICE TECH<br>Heavy Equipment Service Technician                  | 30, 31                      | /  |        |                 |   |   |
| DIM0101                      | DSL ENGN MEC/TEC HLP<br>Diesel Engine Mechanic/Technician<br>Helper        | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| DIM0102                      | DSL ELEC & ELECT TEC<br>Diesel Electrical and Electronics<br>Technician    | 30, 31                      | /Y   | 2.0    | DI ESEL ME@7    | 7 | G |
| DIM0103                      | DSL ENG PREV MAINT<br>Diesel Engine Preventative Maintenance<br>Technician | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| DIM0104                      | DI ESEL ENGINE TECH<br>Diesel Engine Technician                            | 30, 31                      | /Y   | 2.0    | DI ESEL ME@7    | 7 | G |
| DIM0130                      | DI ESEL BRAKES/FLUID<br>Diesel Brakes/Fluid Technician                     | 30, 31                      | /Y   | 2.0    | DI ESEL ME@7    | 7 | G |
| DIM0106                      | DSL HEAT & AC TECH<br>Diesel Heating and Air Conditioning<br>Technician    | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| DIM0107                      | DSL STEER & SUSP TEC<br>Diesel Steering and Suspension<br>Technician       | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| DIM0108                      | DSL DRIVETRAIN TECH<br>Diesel Drivetrain Technician                        | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| DIM0110                      | DI ESEL POWER TR TECH<br>Diesel Power Train Technician                     | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| T400210                      | MARINE SERVICE TECH<br>Marine Service Technologies                         | 30, 31                      | /  |        |                 |   |   |
| MTE0003                      | MARINE RIGGER<br>Marine Rigger   | 30, 31                      | /Y   | 2.0    | DI ESEL ME@7    | 7 | G |
| MTE0090                      | OUTBOARD ENGINE TECH<br>Outboard Engine Technician                         | 30, 31                      | /Y   | 2.0    | DI ESEL ME@7    | 7 | G |
| MTE0074                      | OUTBOARD ENG DIAG<br>Outboard Engine Diagnostics Technician                | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| MTE0092                      | INBOARD GAS ENG TECH<br>Inboard Gas Engine Technician                      | 30, 31                      | /Y   | 2.0    | DI ESEL ME@7    | 7 | G |
| MTE0093                      | DRIVE TRAIN TECH<br>Drive Train Technician                                 | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
| MTE0056                      | INBOARD DIESEL TECH<br>Inboard Diesel Technician                           | 30, 31                      | /Y   | 1.0    | DI ESEL ME@7    | 7 | G |
|                              |  |                             |  |        | GASENG RP@7     | 7 | G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL            | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |   |   |
|------------------------------|---|-----------------------------|---|--------|---------------|---|---|
|                              |   |                             |   |        |               |   |   |
| 9540400                      | MOBILE ELECT TECH<br>Mobile Electronics Technology                  | 9-12                        | /   |        |               |   |   |
| 9540410                      | MOBILE ELECT TECH 1<br>Mobile Electronics Technology 1/<br>Level 2  | 9-12                        | /Y  | 1.0    | AUTO MECH@7   | 7 | G |
|                              |   |                             |   |        | COMP SVC      | 7 | G |
|                              |   |                             |   |        | ELECTRONI@7   | 7 | G |
| 9540420                      | MOBILE ELECT TECH 2<br>Mobile Electronics Technology 2/<br>Level 2  | 9-12                        | /Y  | 1.0    | AUTO MECH@7   | 7 | G |
|                              |   |                             |   |        | COMP SVC      | 7 | G |
|                              |   |                             |   |        | ELECTRONI@7   | 7 | G |
| 9540500                      | MOTORCYCLE SERV TECH<br>Motorcycle Service Technologies             | 9-12                        | /   |        |               |   |   |
| 8766110                      | MOTORCYCLE SERV 1<br>Motorcycle Service 1/Level 2                   | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766120                      | MOTORCYCLE SERV 2<br>Motorcycle Service 2/Level 2                   | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766130                      | MOTORCYCLE SERV 3<br>Motorcycle Service 3/Level 2                   | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766140                      | MOTORCYCLE SERV 4<br>Motorcycle Service 4/Level 2                   | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766150                      | MOTORCYCLE SERV 5<br>Motorcycle Service 5/Level 2                   | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766160                      | MOTORCYCLE SERV 6<br>Motorcycle Service 6/Level 2                   | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766170                      | MOTORCYCLE SERVICE 7<br>Motorcycle Service 7/Level 2                | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 8766180                      | MOTORCYCLE SERVICE 8<br>Motorcycle Service 8/Level 2                | 9-12                        | /Y  | 1.0    | MOTORCYCL@7   | 7 | G |
| 9504200                      | OUTBOARD MARINE SER<br>Outboard Marine Service Technology           | 9-12                        | /   |        |               |   |   |
| 9504210                      | OUTBOARD MARINE 1<br>Outboard Marine Service 1/Level 3              | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| 9504220                      | OUTBOARD MARINE 2<br>Outboard Marine Service 2/Level 3              | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| 9504230                      | OUTBOARD MARINE 3<br>Outboard Marine Service 3/Level 3              | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| 9504240                      | OUTBOARD MARINE 4<br>Outboard Marine Service 4/Level 3              | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| 9504250                      | ADV MARINE TECH 1<br>Advanced Marine Technology 1/Level 3           | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| 9504260                      | ADV MARINE TECH 2<br>Advanced Marine Technology 2/Level 3           | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| 9504270                      | OUTBOARD MARINE CAP<br>Outboard Marine Service Capstone/<br>Level 3 | 9-12                        | /Y  | 1.0    | DI ESEL ME@7  | 7 | G |
|                              |   |                             |   |        | GASENG RP@7   | 7 | G |
| T410300                      | POWER EQUIPMENT TECH<br>Power Equipment Technologies                | 30, 31                      | /   |        |               |   |   |
| SER0080                      | POWER EQUIP SRV TEC1<br>Power Equipment Service Technician 1        | 30, 31                      | /Y  | 2.0    | GASENG RP@7   | 7 | G |
| SER0081                      | POWER EQUIP SRV TEC2<br>Power Equipment Service Technician 2        | 30, 31                      | /Y  | 2.0    | GASENG RP@7   | 7 | G |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                     | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |      |     |
|------------------------------|--|-----------------------------|---|--------|---------------|------|-----|
|                              |  |                             |   |        |               |      |     |
| SER0082                      | POWER EQUIP SRV TEC3<br>Power Equipment Service Technician 3                                 | 30, 31                      | /Y  | 2.0    | GASENG        | RP@7 | 7 G |
| 9504500                      | POWER EQUIPMENT TECH<br>Power Equipment Technology   | 9-12                        | /   |        |               |      |     |
| 9504510                      | POWER & EQUIP TECH 1<br>Power and Equipment Technology 1/<br>Level 3                         | 9-12                        | /Y  | 1.0    | GASENG        | RP@7 | 7 G |
| 9504520                      | POWER & EQUIP TECH 2<br>Power and Equipment Technology 2/<br>Level 3                         | 9-12                        | /Y  | 1.0    | GASENG        | RP@7 | 7 G |
| 9504530                      | POWER & EQUIP TECH 3<br>Power and Equipment Technology 3/<br>Level 3                         | 9-12                        | /Y  | 1.0    | GASENG        | RP@7 | 7 G |
| 9504540                      | POWER & EQUIP TECH 4<br>Power and Equipment Technology 4/<br>Level 3                         | 9-12                        | /Y  | 1.0    | GASENG        | RP@7 | 7 G |
| 9504550                      | POWER & EQUIP TECH 5<br>Power and Equipment Technology 5/<br>Level 3                         | 9-12                        | /Y  | 1.0    | GASENG        | RP@7 | 7 G |
| 9504560                      | POWER & EQUIP TECH 6<br>Power and Equipment Technology 6/<br>Level 3                         | 9-12                        | /Y  | 1.0    | GASENG        | RP@7 | 7 G |
| T660100                      | TRANSIT TECHNICIAN 1<br>Transit Technician 1   | 30, 31                      | /   |        |               |      |     |
| DIM0810                      | TRANSIT EQUIP PREV<br>Transit Equipment Preventative<br>Maintenance Technician               | 30, 31                      | /Y  | 1.5    | DI ESEL       | ME@7 | 7 G |
| DIM0811                      | TRANSIT BASIC ELEC<br>Transit Basic Electrical Systems<br>Technician                         | 30, 31                      | /Y  | 1.0    | DI ESEL       | ME@7 | 7 G |
| DIM0812                      | TRANSIT WHEELCHAIR<br>Transit Wheelchair Lift/Ramp<br>Technician                             | 30, 31                      | /S  | 0.5    | DI ESEL       | ME@7 | 7 G |
| DIM0813                      | TRANSIT DSL ENG PREV<br>Transit Diesel Engine Preventative<br>Maintenance Technician         | 30, 31                      | /Y  | 1.0    | DI ESEL       | ME@7 | 7 G |
| DIM0814                      | TRANSIT STEER & SUSP<br>Transit Steering and Suspension<br>Technician                        | 30, 31                      | /Y  | 1.0    | DI ESEL       | ME@7 | 7 G |
| T660200                      | TRANSIT TECHNICIAN 2<br>Transit Technician 2   | 30, 31                      | /   |        |               |      |     |
| DIM0820                      | TRANSIT HYDR TECH<br>Transit Hydraulics Technician   | 30, 31                      | /S  | 0.5    | DI ESEL       | ME@7 | 7 G |
| DIM0821                      | TRANSIT DIESEL ELEC<br>Transit Diesel Electrical and Diesel<br>Engine Electronics Technician | 30, 31                      | /Y  | 1.0    | DI ESEL       | ME@7 | 7 G |
| DIM0822                      | TRANSIT DRIVETRAIN<br>Transit Drivetrain Technician  | 30, 31                      | /Y  | 1.0    | DI ESEL       | ME@7 | 7 G |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                         | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | COURSES MEETING |      |     | CERTIFICATION |
|------------------------------|--|-----------------------------|--|--------|-----------------|------|-----|---------------|
|                              |  |                             |  |        | COURSES MEETING |      |     |               |
| DIM0823                      | TRANSIT INTM ELEC<br>Transit Intermediate Electrical<br>Systems Technician       | 30, 31                      | /Y   | 1.0    | DI ESEL         | ME@7 | 7 G |               |
| DIM0824                      | TRANSIT BRAKES/AIR<br>Transit Brakes/Air System Technician                       | 30, 31                      | /Y   | 1.5    | DI ESEL         | ME@7 | 7 G |               |
| T660300                      | TRANSIT TECHNICIAN 3<br>Transit Technician 3                                     | 30, 31                      | /  |        |                 |      |     |               |
| DIM0830                      | TRANSIT ALT FUELS<br>Transit Alternate Fuels System<br>Technician                | 30, 31                      | /Y   | 1.0    | DI ESEL         | ME@7 | 7 G |               |
| DIM0831                      | TRANSIT ADV ELEC SYS<br>Transit Advanced Electrical Systems<br>Technician        | 30, 31                      | /Y   | 1.0    | DI ESEL         | ME@7 | 7 G |               |
| DIM0832                      | TRANSIT HEAT & AIR<br>Transit Heating and Air-Conditioning<br>Technician         | 30, 31                      | /Y   | 1.0    | DI ESEL         | ME@7 | 7 G |               |
| DIM0833                      | TRANS DIAG, REBUILD<br>Transmission Diagnosis, Rebuild and<br>Repair Technician  | 30, 31                      | /Y   | 1.0    | DI ESEL         | ME@7 | 7 G |               |
| DIM0834                      | DSL ENG DIAG, REBLD<br>Diesel Engine Diagnosis, Rebuild and<br>Repair Technician | 30, 31                      | /Y   | 1.0    | DI ESEL         | ME@7 | 7 G |               |
| 9505100                      | UAS OPERATIONS<br>Unmanned Aircraft Systems (UAS)<br>Operations                  | 9-12                        | /  |        |                 |      |     |               |
| 9540610                      | PRIVATE PILOT GROUND<br>Private Pilot Ground School/Level 3                      | 9-12                        | /Y   | 1.0    | AIR MECH @7     | 7 G  |     |               |
|                              |  |                             |  |        | AVIONICS @7     | 7 G  |     |               |
|                              |  |                             |  |        | AEROSPACE       | 7 G  |     |               |
|                              |  |                             |  |        | ENG TEC         | 7 G  |     |               |
|                              |  |                             |  |        | ENG&TEC ED1 @2  |      |     |               |
| 9505110                      | UAS OPERATIONS 1<br>UAS Operations 1/Level 3                                     | 9-12                        | /Y   | 1.0    | AIR MECH @7     | 7 G  |     |               |
|                              |  |                             |  |        | AVIONICS @7     | 7 G  |     |               |
|                              |  |                             |  |        | AEROSPACE       | 7 G  |     |               |
|                              |  |                             |  |        | ENG TEC         | 7 G  |     |               |
|                              |  |                             |  |        | ENG&TEC ED1 @2  |      |     |               |
| 9505120                      | UAS OPERATIONS 2<br>UAS Operations 2/Level 3                                     | 9-12                        | /Y   | 1.0    | AIR MECH @7     | 7 G  |     |               |
|                              |  |                             |  |        | AVIONICS @7     | 7 G  |     |               |
|                              |  |                             |  |        | AEROSPACE       | 7 G  |     |               |
|                              |  |                             |  |        | ENG TEC         | 7 G  |     |               |
|                              |  |                             |  |        | ENG&TEC ED1 @2  |      |     |               |
| 9505130                      | UAS OPERATIONS 3<br>UAS Operations 3/Level 3                                     | 9-12                        | /Y   | 1.0    | AIR MECH @7     | 7 G  |     |               |
|                              |  |                             |  |        | AVIONICS @7     | 7 G  |     |               |
|                              |  |                             |  |        | AEROSPACE       | 7 G  |     |               |
|                              |  |                             |  |        | ENG TEC         | 7 G  |     |               |
|                              |  |                             |  |        | ENG&TEC ED1 @2  |      |     |               |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER   | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION   |
|--|---|-----------------------------|---|----------|---|
|  |   |                             |   |          |   |
| -----<br>TRANS SYS/INFRASTRUCTURE PLAN, MGMT & REGS PATH (TRPE)<br>----- |   |                             |   |          |   |
| I490251  | CMCL CLASS B DRIVING<br>Commercial Class B Driving  | 30, 31                      | /   |          |   |
| TRA0084  | TRUCK DRIV HVY FL"B"<br>Truck Driver Heavy Florida Class "B"  | 30, 31                      | /Y  | 1.0      | COMM DRIV@7 7 G   |
| 8751200  | COMMERCIAL FISHING<br>Commercial Fishing  | 9-12                        | /   |          |   |
| 8751210  | COMM FISH 1<br>Commercial Fishing 1/Level 2   | 9-12                        | /Y  | 1.0      | COMM FISH 7 G   |
| 8751220  | COMM FISH 2<br>Commercial Fishing 2/Level 2   | 9-12                        | /Y  | 1.0      | COMM FISH 7 G   |
| 8751230  | COMM FISH 3<br>Commercial Fishing 3/Level 2   | 9-12                        | /Y  | 1.0      | COMM FISH 7 G   |
| 8751240  | COMM FISH 4<br>Commercial Fishing 4/Level 2   | 9-12                        | /Y  | 1.0      | COMM FISH 7 G   |
| 8751250  | COMM FISH 5<br>Commercial Fishing 5/Level 2   | 9-12                        | /Y  | 1.0      | COMM FISH 7 G   |
| I490205  | CMCL VEHICLE DRIVING<br>Commercial Vehicle Driving  | 30, 31                      | /   |          |   |
| TRA0080  | TRACTOR TRAIL TRK DR<br>Tractor Trailer Truck Driver  | 30, 31                      | /Y  | 2.0      | COMM DRIV@7 7 G   |
| -----<br>SUPPLEMENTAL PROGRAMS<br>-----                                  |   |                             |   |          |   |
| 9590400  | FUND OF TRANSPORT<br>Fundamentals of Transportation   | 6-8                         | /S  |          | AEROSPACE 7 G<br>AUTO MECH @7 7 G<br>GASENG RPR @7 7 G<br>ENG&TEC ED 1 @2<br>AIR MECH @7 7 G<br>DIESEL MECH @7 7 G<br>LOG TECH 7 G<br>TRANSPORT 7 G |
| 9590350  | INTRO TO TRANSPORT<br>Introduction to Transportation,<br>Distribution and Logistics                         | 6-8                         | /S  |          | AEROSPACE 7 G<br>AUTO MECH @7 7 G<br>GASENG RPR @7 7 G<br>ENG&TEC ED 1 @2<br>AIR MECH @7 7 G<br>DIESEL MECH @7 7 G<br>LOG TECH 7 G<br>TRANSPORT 7 G |
| 9590360  | INTRO TO TRANS & CP<br>Introduction to Transportation,<br>Distribution and Logistics and<br>Career Planning | 6-8                         | /S  |          | AEROSPACE 7 G<br>AUTO MECH @7 7 G<br>GASENG RPR @7 7 G<br>ENG&TEC ED 1 @2<br>AIR MECH 7 G<br>DIESEL MECH @7 7 G<br>LOG TECH 7 G<br>TRANSPORT 7 G    |
| 9500420  | TRANSPORTATION OJT<br>Transportation, Distribution and<br>Logistics Cooperative Education OJT               | 9-12                        | /M  | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |
| 9501000  | TRANSPORT DIR ST<br>Transportation, Distribution and<br>Logistics Directed Study                            | 11-12                       | /M  | MULTIPLE | SEE CURRICULUM FRAMEWORK FOR SPECIFIC CTE COVERAGE  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                             | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---------------|
| APPRENTICESHIP PROGRAMS      |  |                             |   |        |               |
| I47060R                      | AUTO COLL RPR&REF-AP<br>Automotive Collision Repair and Refinishing - Apprenticeship | 30, 31 /                    |   |        |               |
| I47061R                      | AUTO SERV TECH-APPR<br>Automotive Service Technology-Apprenticeship                  | 30, 31 /                    |   |        |               |
| I47062R                      | DIESEL MECHANIC-APPR<br>Diesel Mechanic - Apprenticeship                             | 30, 31 /                    |   |        |               |
| T64010R                      | AV STRUCT& ASSEM-APP<br>Aviation Structures and Assembly Technician - Apprenticeship | 30, 31 /                    |   |        |               |
| I47030R                      | HVY EQUIP MECH -APPR<br>Heavy Equipment Mechanics - Apprenticeship                   | 30, 31 /                    |   |        |               |
| I49020R                      | HVY EQUIP OP-APPR<br>Heavy Equipment Operation - Apprenticeship                      | 30, 31 /                    |   |        |               |

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|ADDITIONAL CAREER AND TECHNICAL EDUCATION PROGRAMS/COURSES|  
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DI VERSIFIED

|         |   |          |          |   |
|---------|---|----------|----------|---|
| 8300430 | CTE INTERNSHIP<br>Career and Technical Education Internship/Level 2   | 9- 12 /M | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE  |
| 8300420 | COOP DIV ED-OJT<br>Cooperative Diversified Education-OJT/Level 2      | 9- 12 /M | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE<br>COOR DCT @7 COOP TEACH @7<br>MKTG @2 1  |
| 8303000 | DIV CAREER TECH<br>Diversified Career Technology                      | 9- 12 /  |          |   |
| 8303010 | DIV CAR TECH PRIN<br>Diversified Career Technology Principles/Level 2 | 9- 12 /M | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE<br>COOP TEAC@7<br>COOR DCT @7<br>MKTG @2 1 |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                                       | GRADE LEVEL/<br>CRSE LENGTH | SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT   | CERTIFICATION   |
|------------------------------|--|-----------------------------|--|----------|---|
|                              |  |                             |  |          |   |
| 8300410                      | DIV CAR TECH-OJT<br>Diversified Career Technology - OJT<br>/Level 2                            | 9-12                        | /M   | MULTIPLE | COOP TEAC@7<br>ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE<br>COOR DCT @7<br>MKTG @2 1 |
| 8303020                      | DIV CAR TECH APPL<br>Diversified Career Technology<br>Applications/Level 2                     | 9-12                        | /M   | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE<br>COOP TEAC@7<br>COOR DCT @7<br>MKTG @2 1 |
| 8303030                      | DIV CAR TECH MGMT<br>Diversified Career Technology<br>Management/Level 2                       | 9-12                        | /M   | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE<br>COOP TEAC@7<br>COOR DCT @7<br>MKTG @2 1 |
| 8300100                      | DIV ED DIR STUDY<br>Diversified Education Directed Study<br>/Level 2                           | 11-12                       | /M   | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE  |
| 9100110                      | OR CAR&TEC OCCS & CP<br>Orientation to Career and Technical<br>Occupations and Career Planning | 6-8                         | /S   |          | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE  |
| 8301600                      | WORK EXPERIENCE<br>Work Experience   | 9-12                        | /  |          |   |
| 8301610                      | WORK EXPERIENCE 1<br>Work Experience 1/Level 2   | 7-12                        | /Y   | 1.0      | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| 8301620                      | WORK EXPERIENCE 2<br>Work Experience 2/Level 2   | 7-12                        | /Y   | 1.0      | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| 8301630                      | WORK EXPERIENCE 3<br>Work Experience 3/Level 2   | 7-12                        | /Y   | 1.0      | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| 8301640                      | WORK EXPERIENCE 4<br>Work Experience 4/Level 2   | 7-12                        | /Y   | 1.0      | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| 8301650                      | WORK EXPERIENCE-OJT<br>Work Experience-OJT/Level 2   | 7-12                        | /M   | MULTIPLE | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER   |
| 8300310                      | WKPL ESSENTIALS<br>Workplace Essentials/Level 2  | 9-12, 30, 31                | /S   | 0.5      | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE  |
| 8300330                      | WKPL TECH APPL<br>Workplace Technology Applications/<br>Level 2                                | 9-12, 30, 31                | /S   | 0.5      | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE  |



## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                   | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL                              | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION             |
|--|---|-----------------------------|---|--------|---------------------------|
|  |   |                             |   |        |                           |
| INSTRUCTIONAL SUPPORT SERVICES (SPECIAL NEEDS) |   |                             |   |        |                           |
| 9603100  | CAR ED SERVICES SWD<br>Career Education Services for<br>Students With Disabilities    | 6-12                        | /   |        |                           |
| 9603110  | CAR ED SERVICES SWD1<br>Career Education Services for<br>Students With Disabilities 1 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603120  | CAR ED SERVICES SWD2<br>Career Education Services for<br>Students With Disabilities 2 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603130  | CAR ED SERVICES SWD3<br>Career Education Services for<br>Students With Disabilities 3 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603140  | CAR ED SERVICES SWD4<br>Career Education Services for<br>Students With Disabilities 4 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603150  | CAR ED SERVICES SWD5<br>Career Education Services for<br>Students With Disabilities 5 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603160  | CAR ED SERVICES SWD6<br>Career Education Services for<br>Students With Disabilities 6 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603170  | CAR ED SERVICES SWD7<br>Career Education Services for<br>Students With Disabilities 7 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| 9603180  | CAR ED SERVICES SWD8<br>Career Education Services for<br>Students With Disabilities 8 | 6-12                        | /M  | 1.0    | ANY CTE FIELD OR COVERAGE |
| S990006  | SPEC CAREER ED, ADV<br>Specialized Career Education,<br>Advanced                      | 30, 31                      | /   |        |                           |
| SLS0463  | SPEC CAREER ED ADV1<br>Specialized Career Education,<br>Advanced 1                    | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE |
| SLS0464  | SPEC CAREER ED ADV2<br>Specialized Career Education,<br>Advanced 2                    | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE |
| SLS0944  | SPEC CAREER ED INTER<br>Specialized Career Education,<br>Internship                   | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE |
| S990005  | SPEC CAREER ED, BASIC<br>Specialized Career Education, Basic                          | 30, 31                      | /   |        |                           |
| SLS0460  | SPEC CAREER ED B1<br>Specialized Career Education, Basic 1                            | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE |
| SLS0461  | SPEC CAREER ED B2<br>Specialized Career Education, Basic 2                            | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE |
| SLS0462  | SPEC CAREER ED B3<br>Specialized Career Education, Basic 3                            | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE |

## CAREER AND TECHNICAL EDUCATION PROGRAMS &amp; COURSES BY CAREER CLUSTER

| PROGRAM/<br>COURSE<br>NUMBER                           | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL  | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION  |
|--|---|-----------------------------|---|--------|--|
|  |   |                             |   |        |  |
| S990007  | SPEC CAREER INS COMP<br>Specialized Career Instruction -<br>Comprehensive                         | 30, 31                      | /   |        |  |
| SLS0460  | SPEC CAREER ED B1<br>Specialized Career Education, Basic 1  | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE  |
| SLS0461  | SPEC CAREER ED B2<br>Specialized Career Education, Basic 2  | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE  |
| SLS0462  | SPEC CAREER ED B3<br>Specialized Career Education, Basic 3  | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE  |
| SLS0463  | SPEC CAREER ED ADV1<br>Specialized Career Education,<br>Advanced 1                                | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE  |
| SLS0464  | SPEC CAREER ED ADV2<br>Specialized Career Education,<br>Advanced 2                                | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE  |
| SLS0944  | SPEC CAREER ED INTER<br>Specialized Career Education,<br>Internship                               | 30, 31                      | /Y  | 1.0    | ANY CTE FIELD OR COVERAGE  |
| 9001920  | VOC/EMP SKLS/YOUTH<br>Vocational Employability Skills for<br>Youth                                | 6-12                        | /M  | 0.5    | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE |
| 9001820  | VOC/EMP SKLS/YOU &CP<br>Vocational Employability Skills for<br>Youth and Career Planning          | 6-12                        | /M  | 0.5    | ANY FIELD WHEN CERT REFLECTS BACHELOR OR HIGHER<br>ANY CTE FIELD OR COVERAGE |
| OTHER CAREER AND TECHNICAL EDUCATION PROGRAMS<br>----- |   |                             |   |        |  |
| E91010A  | CWE - AG, FOOD & NR<br>Continuing Workforce Education -<br>Agriculture, Food & Natural Resources  | 30, 31                      | /M  |        |  |
| E91010C  | CWE - ARCH & CONST<br>Continuing Workforce Education -<br>Architecture and Construction           | 30, 31                      | /M  |        |  |
| E91010K  | CWE - ARTS & A/V<br>Continuing Workforce Education -<br>Arts, A/V Technology & Communication      | 30, 31                      | /M  |        |  |
| E91010B  | CWE - BUS, MGMT & AD<br>Continuing Workforce Education -<br>Business, Management & Administration | 30, 31                      | /M  |        |  |
| E91010E  | CWE - ED & TRAINING<br>Continuing Workforce Education -<br>Education and Training                 | 30, 31                      | /M  |        |  |

| PROGRAM/<br>COURSE<br>NUMBER | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL   | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION |
|------------------------------|--|-----------------------------|---|--------|---------------|
| E91010X                      | CWE - ENERGY<br>Continuing Workforce Education -<br>Energy   | 30, 31                      | /M  |        |               |
| E91010S                      | CWE - ENG & TECH<br>Continuing Workforce Education -<br>Engineering and Technology                 | 30, 31                      | /M  |        |               |
| E91010F                      | CWE - FINANCE<br>Continuing Workforce Education -<br>Finance                                       | 30, 31                      | /M  |        |               |
| E91010G                      | CWE - GOV' T & P. A.<br>Continuing Workforce Education -<br>Government and Public Administration   | 30, 31                      | /M  |        |               |
| E91010H                      | CWE - HEALTH SCIENCE<br>Continuing Workforce Education -<br>Health Science                         | 30, 31                      | /M  |        |               |
| E91010N                      | CWE - HOSP & TOURISM<br>Continuing Workforce Education -<br>Hospitality and Tourism                | 30, 31                      | /M  |        |               |
| E91010D                      | CWE - HUMAN SERVICES<br>Continuing Workforce Education -<br>Human Services                         | 30, 31                      | /M  |        |               |
| E91010Y                      | CWE - INFO TECH<br>Continuing Workforce Education -<br>Information Technology                      | 30, 31                      | /M  |        |               |
| E91010L                      | CWE - LAW, PS & SER<br>Continuing Workforce Education -<br>Law, Public Safety and Service          | 30, 31                      | /M  |        |               |
| E91010J                      | CWE - MANUFACTURING<br>Continuing Workforce Education -<br>Manufacturing                           | 30, 31                      | /M  |        |               |
| E91010M                      | CWE - MKT, S & S<br>Continuing Workforce Education -<br>Marketing Sales and Services               | 30, 31                      | /M  |        |               |
| E91010T                      | CWE - TRANSPORTATION<br>Continuing Workforce Education-<br>Transportation, Distribution & Logistic | 30, 31                      | /M  |        |               |

| PROGRAM/<br>COURSE<br>NUMBER             | ABBREVIATED TITLE<br>PROGRAM/COURSE TITLE / COURSE LEVEL | GRADE LEVEL/<br>CRSE LENGTH | COURSES MEETING<br>SUBJECT AREA<br>GRADUATION<br>REQUIREMENTS | CREDIT | CERTIFICATION             |
|--|--|-----------------------------|---|--------|---------------------------|
| 8000300                                  | HIGH SCHOOL APPR<br>High School Apprenticeship           | 10-12 /                     |   |        |                           |
| 8000310                                  | APPRENTICESHIP 1<br>Apprenticeship 1/Level 2             | 10-12 /Y                    |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| 8000320                                  | APPRENTICESHIP 2<br>Apprenticeship 2/Level 2             | 10-12 /Y                    |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| 8000330                                  | APPRENTICESHIP 3<br>Apprenticeship 3/Level 2             | 10-12 /Y                    |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| 8000200                                  | HIGH SCHOOL PRE-APPR<br>High School Pre-Apprenticeship   | 9-12 /                      |   |        |                           |
| 8000110                                  | PRE-APPR 1<br>Pre-Apprenticeship 1/Level 2               | 9-12 /Y                     |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| 8000120                                  | PRE-APPR 2<br>Pre-Apprenticeship 2/Level 2               | 9-12 /Y                     |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| 8000130                                  | PRE-APPR 3<br>Pre-Apprenticeship 3/Level 2               | 9-12 /Y                     |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| 8000140                                  | PRE-APPR 4<br>Pre-Apprenticeship 4/Level 2               | 9-12 /Y                     |   | 1.0    | ANY CTE FIELD OR COVERAGE |
| E92010R                                  | PRE-APPR - APPR<br>Pre-Apprenticeship - Apprenticeship   | 30, 31 /                    |   |        |                           |
| -----<br>MIDDLE SCHOOL PROGRAMS<br>----- |  |                             |   |        |                           |
| 8000400                                  | OR TO CAREER CLUST<br>Orientation to Career Clusters     | 6-8 /S                      |   |        | ANY FIELD                 |