

STATE BOARD OF EDUCATION
Action Item
April 11, 2014

SUBJECT: Approval of Amendment to Rule 6A-6.0571, Career and Technical Education and Adult General Education Standards and Industry-Driven Benchmarks

PROPOSED BOARD ACTION

For Approval

AUTHORITY FOR STATE BOARD ACTION

Section 1004.92, Florida Statutes

EXECUTIVE SUMMARY

The Department is responsible for developing program standards and industry-driven benchmarks for career and technical education and adult general education programs. The criteria for qualification of individual courses for inclusion in secondary and postsecondary career education programs and adult general education programs prescribed in Workforce Education programs are annually adopted by the State Board and are published by the Commissioner on the Department's website.

The programs standards and industry-driven benchmarks are required by statute to be reviewed and updated every three years. This process is conducted on a cyclical basis with at least one-third of the programs reviewed each year. The standards must include career, academic and workplace skills. This review is conducted by a committee consisting of at least 50% business and industry representatives with the remaining committee members coming from education.

Supporting Documentation Included: Proposed Rule 6A-6.0571, Career and Technical Education and Adult General Education Standards and Industry-Driven Benchmarks and 2014-15 Change Document. Career and Technical Education Programs, Academic Year 2014/2015, Curriculum Frameworks by Career Cluster and Adult General Education Standards and Curriculum Frameworks 2014/2015 (available upon request).

Facilitator/Presenter: Rod Duckworth, Chancellor, Division of Career and Adult Education

6A-6.0571 Career and Technical Education and Adult General Education Standards and Industry-Driven Benchmarks.

(1) Section 1004.92, F.S., requires the Department of Education to develop program standards and industry-driven benchmarks for career and technical education and adult and community education programs. The criteria for qualification of individual courses for inclusion in the classification of secondary career education programs prescribed in Section 1011.80, F.S., or Workforce Development Education programs as prescribed in Section 1011.62, F.S., are annually adopted by the State Board and shall be published by the Commissioner in the documents titled, as follows:

“Agriculture, Food & Natural Resources (http://www.flrules.org/Gateway/reference.asp?No=Ref_02372),”

“Architecture & Construction (http://www.flrules.org/Gateway/reference.asp?No=Ref_02373),”

“Arts, A/V Technology & Communication (http://www.flrules.org/Gateway/reference.asp?No=Ref_02374),”

“Business, Management & Administration (http://www.flrules.org/Gateway/reference.asp?No=Ref_02375),”

“Education & Training (http://www.flrules.org/Gateway/reference.asp?No=Ref_02376),”

“Energy (http://www.flrules.org/Gateway/reference.asp?No=Ref_02377),”

“Finance (http://www.flrules.org/Gateway/reference.asp?No=Ref_02378),”

“Government & Public Administration (http://www.flrules.org/Gateway/reference.asp?No=Ref_02379),”

“Health Science (http://www.flrules.org/Gateway/reference.asp?No=Ref_02380),”

“Hospitality & Tourism (http://www.flrules.org/Gateway/reference.asp?No=Ref_02381),”

“Human Services (http://www.flrules.org/Gateway/reference.asp?No=Ref_02382),”

“Information Technology (http://www.flrules.org/Gateway/reference.asp?No=Ref_02383),”

“Law, Public Safety & Security (http://www.flrules.org/Gateway/reference.asp?No=Ref_02384),”

“Manufacturing (http://www.flrules.org/Gateway/reference.asp?No=Ref_02385),”

“Marketing, Sales & Service (http://www.flrules.org/Gateway/reference.asp?No=Ref_02386),”

“Engineering and Technology Education (http://www.flrules.org/Gateway/reference.asp?No=Ref_02387),”

“Transportation, Distribution & Logistics (http://www.flrules.org/Gateway/reference.asp?No=Ref_02388),” and

“Additional CTE Programs/Courses,” all of which fall under the umbrella of the “Career and Technical Education Programs, Academic Year 2014-2015 2013/2014 Curriculum Frameworks by Career Cluster (insert link),” or in the document “Adult General Education Standards and Curriculum Frameworks 2014-2015 2013/2014

(~~http://www.flrules.org/Gateway/reference.asp?No=Ref_02371~~). These criteria are hereby incorporated by reference in this rule. Copies of these publications may be obtained from the Division of Career and Adult Education, Department of Education, The Turlington Building, 325 West Gaines Street, Tallahassee, FL 32399 or from the Department's website at <http://www.fldoe.org/workforce/dwdframe> and http://www.fldoe.org/workforce/dwdframe/ad_frame.asp.

(2) Commissioner of Education waiver authority. The Commissioner of Education may approve a school's waiver request submitted by a district school board to allow the school to substitute locally approved intended outcomes for State Board approved outcomes included in the documents titled as follows: "Agriculture, Food & Natural Resources," "Architecture & Construction," "Arts, A/V Technology & Communication," "Business, Management & Administration," "Education & Training," "Energy," "Finance," "Government & Public Administration," "Health Science," "Hospitality & Tourism," "Human Services," "Information Technology," "Law, Public Safety & Security," "Manufacturing," "Marketing, Sales & Service," "Engineering and Technology Education," "Transportation, Distribution & Logistics," and "Additional CTE Programs/Courses," all of which fall under the umbrella of the "Career and Technical Education Programs, Academic Year ~~2014-2015~~ ~~2013/2014~~ Curriculum Frameworks by Career Cluster" and "Adult General Education Standards and Curriculum Frameworks ~~2014-2015~~ ~~2013/2014~~," provided that:

(a) through (c) No change.

Rulemaking Authority 1004.92(2)(b)3. FS. Law Implemented 1004.92(2)(b)4. FS. History—New 10-30-78, Amended 10-23-79, 5-29-80, 7-9-81, 7-6-82, 5-29-83, 6-14-84, 7-10-85, Formerly 6A-6.571, Amended 7-9-86, 7-22-87, 8-30-88, 7-31-90, 7-31-91, 7-31-92, 7-31-93, 7-31-94, 4-30-96, 1-23-00, 7-21-08, 4-21-09, 5-3-10, 10-25-11, 6-18-12, 5-21-13,

2014-15 Change Document

The following Programs have been daggered for deletion. There should be no NEW enrollments in any of these programs.

CIP	TITLE	TYPE	Sec #	PSAV#	Last year for new enrollments
0552030202	Accounting Operations (Secondary program only)	VOC	8203400	NA	12-13
0552030200	Accounting Technology	AAS			13-14
0615080100	Aerospace Technology	AAS			13-14
0101010100	Agribusiness Management	AAS			13-14
0126120100	Agricultural Biotechnology	VOC	8106800		14-15
0101020410	Agricultural Machinery Mechanics	VOC	8103400		11-12
0101020400	Agricultural Machinery Operations	VOC	8103200		11-12
0101000000	Agricultural Production Technology	AAS			13-14
1615050100	Air Conditioning, Refrigeration and Heating Systems Technology	AS			13-14
0101090100	Animal Biotechnology	VOC	8106100		14-15
0101030301	Aquaculture Management	AAS			13-14
0604090100	Architectural Design & Construction Technology	AAS			13-14
0615130301	Architectural Drafting	VOC	8725400	DELETED	11-12
1615080300	Automotive Service Management Technology	AS			13-14
0647060405	Automotive Service Technology	VOC	8709400		14-15
0649010402	Aviation Administration	AAS			13-14
0649010401	Aviation Maintenance Management	AAS			13-14
0649010400	Aviation Operations	AAS			13-14
0612050101	Baking & Pastry Management	AAS			13-14
0252080300	Banking-Financial Services	AAS			13-14
0615040101	Biomedical Engineering Technology	AAS			13-14
0626120100	Biotechnology	AAS			13-14
0341010100	Biotechnology Laboratory Technology	AAS			13-14
0647061601	Boat and Yacht Repair/Refinishing Technology	VOC	8751300	I490316	14-15
0648079901	Boatbuilding- Wood and Fabricated	VOC	8721000	I480799	14-15

0615100101	Building Construction Technology	AAS			13-14
0552020102	Business Administration	AAS			13-14
0552070307	Business Entrepreneurship	AAS			13-14
0552130100	Business Intelligence Specialist	AAS			13-14
0552020101	Business Supervision and Management (Secondary Program only)	VOC	8215200		13-14
0252020702/1252020702	Call Center Management	AAS/AS			14-15
0351090100	Cardiovascular/Cardiopulmonary Technology	AAS			13-14
1646020106/0646020106	Carpentry Management	AS/AAS			14-15
0252150102	Certified Residential Appraiser	VOC		M200200	14-15
0612050302	Chef's Apprentice	CCC			14-15
0641030100	Chemical Technology	AAS			13-14
0611020301	Cisco CCNA CCC	CCC			13-14
0101110300	Citrus Production Technology	AAS			13-14
0715020101	Civil Engineering Technology	AAS			13-14
0743010707	Combined CJSTC Law Enforcement and Corrections Basic Dual Certification	VOC		P430145	14-15
0615120100	Computer Engineering Technology	AAS			13-14
0511010305	Computer Information Technology	AAS			13-14
0615061306	Computer Integrated Manufacturing Technology	AAS			13-14
0511020100	Computer Programming and Analysis	AAS			13-14
0743011600	Computer Related Crime Investigation	AAS			13-14
0611100604	Computer Specialist CCC	CCC			13-14
0647010400	Computer Systems Technology	VOC	8732100	I470104	13-14
0647010404	Computer Systems Technology 1	VOC		J500100	13-14
0647010405	Computer Systems Technology 2	VOC		J500200	13-14
0646020107	Construction Carpentry Assistant	CCC			14-15
0646020108	Construction Carpentry Technician	CCC			14-15
0646030206	Construction Electricity Assistant	CCC			14-15
1646030205	Construction Electricity Management	AS			13-14
0646030207	Construction Electricity Technician	CCC			14-15
0646041200	Construction Management Technology	AAS			13-14

0522030300	Court Reporting	VOC	8200200	B070602	13-14
0522030304	Court Reporting 1	VOC		B700500	13-14
0522030301/1522030301	Court Reporting Technology	AAS/AS			13-14
0743010600	Crime Scene Technology	AAS			13-14
0743010300	Criminal Justice Technology	AAS			13-14
0612050400	Culinary Management	AAS			13-14
0252020700	Customer Relationship Management	AAS			13-14
0511010306	Database Technology	AAS			13-14
1647060407	Dealer-Specific Automotive Technology	AS			13-14
0351060107	Dental Assisting	VOC		H170104	13-14
0351060104	Dental Assisting Technology and Management	AAS			13-14
0351060109	Dental Assisting Technology and Management – ATD	ATD			14-15
0351060200	Dental Hygiene	AAS			13-14
1351060301	Dental Laboratory Technology and Management	AS			13-14
0351091000	Diagnostic Medical Sonography Technology	AAS			13-14
0351310301	Dietetic Technician	AAS			13-14
0611080102	Digital Media/Multimedia Technology	AAS			13-14
0609070212	Digital Television and Media Production	AAS			13-14
0101020510	Diversified Agricultural Mechanics	VOC	8103300		11-12
1249030400	Diving Business and Technology	AS			13-14
0615130102	Drafting and Design Technology	AAS			13-14
0821010300	Drafting/Illustrative Design Technology	VOC	8600800		14-15
0419070910	Early Childhood Education	VOC	8503210	V200210	11-12
0413121003	Early Childhood Education Associate's Degree	AAS			13-14
0419070800	Early Childhood Management	AAS			13-14
0552120100	E-Business Technology	AAS			13-14
1646030101	Electrical Distribution Technology	AS			13-14
0615130501	Electrical Drafting	VOC	8725200	DELETED	11-12
0615030318	Electrical Power Technology	AAS			13-14
0615130502	Electronic Drafting	VOC	8725100	DELETED	11-12
0647019903	Electronic System Assembly	VOC	8730300	I470129	14-15
0615030301	Electronics Engineering Technology	AAS			13-14

0743030200	Emergency Administration and Management	AAS			13-14
0351090402	Emergency Medical Services	AAS			13-14
0821010101	Engineering By Design	VOC	9400200		13-14
0615000001	Engineering Technology	AAS			13-14
0511100508	Enterprise Resource Planning (ERP) Software Specialist	AAS			13-14
0703010401	Environmental Science Technology	AAS			13-14
0101050700	Equine Studies	AAS			13-14
0252021210	Fashion Marketing Management	AAS			13-14
0650060213	Film Production Technology	AAS			13-14
0252080100	Financial Services	AAS			13-14
0743020109	Fire Officer 1 CCC	CCC			14-15
0743020104	Fire Officer 2 CCC	CCC			14-15
0743020100	Fire Science Technology (FESHE Model)	AAS			13-14
0201060800	Floral Design and Marketing	VOC	8818000	M805030	11-12
0312030100	Funeral Services	AAS			13-14
0101060701	Golf Course Operations	AAS			13-14
0611080301	Graphic Arts Technology	AAS			13-14
0611080300	Graphics Technology	AAS			13-14
0351070700	Health Information Technology	AAS			13-14
0252190802	Health Insurance Marketing	VOC		M810011	14-15
0351000002	Health Sciences	AAS			13-14
0351070100	Health Services Management	AAS			13-14
0351100800	Histologic Technology	AAS			13-14
0246040301	Home Inspector	VOC		M200300	14-15
0252090100	Hospitality & Tourism Management	AAS			13-14
0351150400	Human Services	AAS			13-14
0652020501	Industrial Management Technology	AAS			13-14
0511010308	Information Technology	VOC	8207300	Y300300	13-14
0511010304	Information Technology Management CCC	CCC			13-14
0511010303	Information Technology Technician CCC	CCC			13-14
0713129901	Instructional Services Technology	AAS			13-14
0450040806	Interior Décor Fabrication	VOC		V200505	13-14

0450040801	Interior Design Technology	AAS			13-14
0511080102	Internet Services Technology	AAS			13-14
0511100306	IT Security	AAS			13-14
0647040806	Jewelry Making and Repair	VOC	8745500		14-15
0101060500	Landscape & Horticulture Technology	AAS			13-14
0252170102	Life and Variable Annuity Pre-Licensing	VOC		F700100	14-15
0615061307	Manufacturing Technology	AAS			13-14
1647060500	Marine Engineering, Management & Seamanship	AS			13-14
0103060100	Marine Environmental Technology (MET)	AAS			13-14
02521401SP	Marketing	VOC	8827100	M999991	14-15
0252140100	Marketing Management	AAS			13-14
0615130601	Mechanical Drafting	VOC	8725300	DELETED	11-12
0351100405	Medical Laboratory Technology	AAS			13-14
0615030303/1615030303	Microelectronics Manufacturing Technology	AAS/AS			14-15
0703010405	Mold Assessment Specialist	CCC			13-14
0703010406	Mold Remediation Specialist	CCC			13-14
0511080101	Multimedia Design Technology	VOC	8212400	B070200	13-14
0511080115	Multimedia Design Technology 1	VOC		Y600100	13-14
0511080116	Multimedia Design Technology 2	VOC		Y600200	13-14
0650091300	Music Production Technology	AAS			13-14
0614220100	Naval Architecture and Yacht Design	AAS			13-14
0614220166	Naval Architecture and Yacht Design ATC	ATC			13-14
0611090104	Network Systems Developer CCC	CCC			13-14
0511100166	Network Systems Technology ATC	ATC			13-14
1511090103	Networking Services Technology	AS			13-14
0511090103	Networking Services Technology	AAS			13-14
0511090166	Networking Services Technology ATC	ATC			13-14
0511080114	New Media Technology	VOC	8207400	B077400	13-14
0219020301	Non Profit Marketing	VOC	9303100	M200400	14-15
0351090502	Nuclear Medicine Technology	AAS			13-14
0351380100	Nursing R.N.	AAS			13-14
0351080300	Occupational Therapy Assistant	AAS			13-14

0552020400	Office Administration	AAS			13-14
0351180301	Ophthalmic Technician	AAS			13-14
0351180202	Optical Management	AAS			13-14
0351180100	Optician	AAS			13-14
0722030200	Paralegal Studies (Legal Assisting)	AAS			13-14
0731010100	Parks and Leisure Services Technology	AAS			13-14
0511100602	PC Support Services	VOC	8207340	B070400	13-14
0101110500	Pest Control Technology	AAS			13-14
0351080502	Pharmacy Management	AAS			13-14
0650060500	Photographic Technology	AAS			13-14
0351080601	Physical Therapist Assistant	AAS			13-14
0351091200	Physician Assistant	AAS			13-14
0351091266	Physician Assistant - ATC	ATC			13-14
0101110100	Plant Biotechnology	VOC	8106500		14-15
06469999PA	Practical, Technical and Industrial Occupations	VOC	8700300		14-15
0648050100	Precision Metal Fabrication	VOC	8754300	I480504	14-15
0648050101	Precision Metal Fabrication 1	VOC		J310100	14-15
0648050102	Precision Metal Fabrication 2	VOC		J310200	14-15
0646050304	Plumbing Management	AAS			13-14
0649010200	Professional Pilot Technology	AAS			13-14
0744040101	Public Administration Supervision	VOC		P440401	14-15
0615050600	Public Works	VOC	8744000		13-14
0351090701	Radiation Therapy	AAS			13-14
0610020202	Radio and Television Broadcast Programming	AAS			13-14
0351090700	Radiography	AAS			13-14
0731050700	Recreation Technology	AAS			13-14
0647061800	Recreational Vehicle Service Technician	VOC		I470698	14-15
0615061202	Related Industry Technology	VOC		I469929	14-15
0351090800	Respiratory Care	AAS			13-14
0252090500	Restaurant Management	AAS			13-14
0252180100	Retail Food Marketing	VOC	8821100	M806010	14-15
0615070101/1615070101	Safety Engineering Technology	AAS/AS			14-15

0743011201	Security Management and Administration	AAS			13-14
0419090605	Sewing Technology and Services	VOC		V200700	14-15
0648050600	Sheet Metal Fabrication Technology	VOC	8754100	I480506	14-15
0648050601	Sheet Metal Fabrication Technology 1	VOC		J360100	14-15
0648050602	Sheet Metal Fabrication Technology 2	VOC		J360200	14-15
0713100301	Sign Language Interpretation	AAS			13-14
0615080101	Simulation Technology	AAS			13-14
0615050517	Solar Energy Technician	CCC			14-15
0615130401	Structural Drafting	VOC	8725500	DELETED	11-12
0652020900	Supply Chain Management	AAS			13-14
0351090900	Surgical First Assisting	AAS			13-14
1400002000	Technical Systems and Applications	VOC	8002000		14-15
0623130300	Technical Writing - Publications Technology	AAS			13-14
0511100507	Technology Project Management	AAS			13-14
0615030302	Telecommunications Engineering Technology	AAS			13-14
0650050202	Theater and Entertainment Technology	AAS			13-14
0647061307	Transit Technician 1 (Secondary Program only)	VOC	9500100		14-15
0647061308	Transit Technician 2 (Secondary Program only)	VOC	9500200		14-15
0647061309	Transit Technician 3 (Secondary Program only)	VOC	9500300		14-15
0713100303	Translation-Interpretation Studies: English-Spanish Track	AAS			13-14
0252090300	Travel and Tourism Industry Management	AAS			13-14
0131030201	Turf Equipment Management	AAS			13-14
0511090106	UNIX/LINUX System Administrator CCC	CCC			13-14
0351080800	Veterinary Technology	AAS			13-14
0715059904	Water Resources Technology	VOC	8916000		11-12
0511080105	Web Design	VOC	8207500	B070500	13-14
0511080107	Web Programming Services	VOC		B079200	13-14
0615030505	Wireless and IP Communications Technician CCC	CCC			13-14
0101099900	Zoo Animal Technology	AAS			13-14

2014-15 CHANGE DOCUMENT

2014-2015 Career Education Program Course Standards Agriculture, Food and Natural Resources Cluster

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
Agriculture Biotechnology	0126120101	8003100	NA	NA	Agricultural Biotechnology, Animal Biotechnology, and Plant Biotechnology combined into one program with students choosing to specialize in either plant or animal biotech at the completion of OCP point A. Course numbers will remain the same.
Biomass Cultivation	1101110302	NA	NA	AS	New AS degree program.
Biomass Cultivation Specialist	0101110301	NA	NA	CCC	New CCC program under the Biomass Cultivation AS program (1101110302).
Equine Technician	0101050703	NA	NA	CCC	New CCC program under the Equine Studies AS program (1101050701).
<u>Changed Programs/Courses</u>					
Food Science Safety and Technology	09200115PA	8500395	NA	NA	Name changed from Food Science Technology.
<u>Deleted Programs</u>					
Solid Waste Disposal Operation	0744999900	NA	P440699	NA	Program deleted, low or no enrollment.
Water Distribution Systems Operations	0715050607	NA	A600100	NA	Program deleted, low or no enrollment.
<u>Changes Pending for 2015-2016</u>					
Agricultural Biotechnology	0126120100	8106600	NA	NA	Daggered for deletion – replaced with 8003100, Agriculture Biotechnology. No new enrollments after 2014-2015. Program will remain in the inventory for teach-out.
Agriculture Machinery Mechanics	0101020410	8103400	NA	NA	Daggered for deletion, replaced with Technical Agriculture Operations (8005100). No new enrollments after 2011-2012. Program will remain in the inventory for teach-out.
Agriculture Machinery	0101020400	8103200	NA	NA	Daggered for deletion, replaced with Technical Agriculture

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Operations					Operations (8005100). No new enrollments after 2011-2012. Program will remain in the inventory for teach-out.
Animal Biotechnology	0101090100	8106100	NA	NA	Daggered for deletion – replaced with 8106600, Agriculture Biotechnology. No new enrollments after 2014-2015. Program will remain in the inventory for teach-out.
Animal Biotechnology 3	NA	NA	NA	NA	Course # 8106120 will change name to Animal Biotechnology.
Diversified Agriculture Mechanics	0101020510	8103300	NA	NA	Daggered for deletion, replaced with Technical Agriculture Operations (8005100). No new enrollments after 2011-2012. Program will remain in the inventory for teach-out.
Floral Design & Marketing	0201060800	8818000	M805030	NA	Daggered for deletion, replaced with (8012100/A120100). No new enrollments after 2011-2012. Program will remain in the inventory for teach-out.
Mold Assessment Specialist	0703010405	NA	NA	NA	Daggered for deletion, no enrollments. No new enrollments after 2012-2013. Program will remain in the inventory for teach-out.
Mold Remediation Specialist	0703010406	NA	NA	NA	Daggered for deletion, no enrollments. No new enrollments after 2012-2013. Program will remain in the inventory for teach-out.
Plant Biotechnology	0101110100	8106500	NA	NA	Daggered for deletion – replaced with 8106600, Agriculture Biotechnology. No new enrollments after 2014-2015. Program will remain in the inventory for teach-out.
Plant Biotechnology	NA	NA	NA	NA	Course # 8106510 Will change name to Plant Biotechnology.
Water Resources Technology	0715059904	8916000	NA	NA	Daggered for deletion, replaced with Environmental Water Technology (8007100). No new enrollments after 2011-2012.

All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Architecture and Construction Cluster**

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Program/Course Title	2010 CIP #	Secondary #	PSAV #	CC Program	Change
New Programs					
Architectural Drafting Secondary (Formerly Architectural Drafting)	0615130111	8101100	NA	NA	Program consists of six existing courses: Drafting 1-4 and Architectural Drafting 5-6. All courses have been updated.
Structural Drafting Secondary (Formerly Structural Drafting)	0615130112	8101200	NA	NA	Program consists of six existing courses: Drafting 1-4 and Structural Drafting 5-6. All courses have been updated. Structural Drafting 5 (8725550) and Structural Drafting 6 (8725560) have been changed to Level 3 courses.
Changed Programs/Courses					
Air-Conditioning, Refrigeration and Heating Technology	0647020106	NA	I470203	NA	Optional Refrigeration Mechanic course (ACR0045) has been added to OCP D. Industry certifications have been added to the Basic Skills and Licensure Exemption List for this program.
Air-Conditioning, Refrigeration and Heating Technology 1	0647020107	NA	C400100	NA	Industry certifications have been added to the Basic Skills and Licensure Exemption List for this program.
Air-Conditioning, Refrigeration and Heating Technology 2	0647020108	NA	C400200	NA	Optional Refrigeration Mechanic course (ACR0045) has been added to OCP B. Industry certifications have been added to the Basic Skills and Licensure Exemption List for this program.
Building Trades and Construction Design Technologies	0646041506	8722000	C100100	NA	Building Trades and Construction Design Technologies 6 (8722060) is a Level 3 Course.
Construction Management Technology	1646041200	NA	NA	NA	Minimum program length has been reduced to 60 credit hours.
Structural Drafting Structural Drafting Secondary	0615130401 0615130112	8725500 8101200	NA NA	NA NA	Structural Drafting 5 (8725550) and Structural Drafting 6 (8725560) have been changed to Level 3 courses.
Deleted Programs					
Architectural Drafting	0615130301	NA	I480112	NA	PSAV program was restructured to Drafting PSAV (C100200).
Blueprint Reading and Estimation	0646041501	8725600	I469919	NA	Program deleted, low or no enrollment.
Commercial and Industrial Insulation	0646041400	NA	I460407	NA	Program deleted, low or no enrollment.

Program/Course Title	2010 CIP #	Secondary #	PSAV #	CC Program	Change
Concrete Masonry	0646010104	8722600	I463113	NA	Program has been deleted; recommend Brick and Block Masonry (I463112).
Electrical Drafting	0615130501	NA	I480114	NA	PSAV program was restructured to Drafting PSAV (C100200).
Electronic Drafting	0615130502	NA	I480115	NA	PSAV program was restructured to Drafting PSAV (C100200).
Fire Sprinkler Design Technology	0615130105	NA	NA	CCC	Program deleted, low or no enrollment.
Mechanical Drafting	0615130601	NA	I480116	NA	PSAV program was restructured to Drafting PSAV (C100200).
Naval Architecture and Yacht Design	1614220100	NA	NA	AS	Program deleted, low or no enrollment.
Plastering	0646040401	8723600	I460409	NA	Program deleted, low or no enrollment.
Plumbing Management	1646050304	NA	NA	AS	Program deleted, low or no enrollment.
Refrigeration Technology	0647020103	NA	I470202	NA	Program daggered for deletion due to low/no enrollment and redundancy with another program. Students should enroll in Air-Conditioning, Refrigeration and Heating Technology. Refrigeration Mechanic course (ACR0045) option has been added to the last OCP of PSAV programs I470203 and C400200.
Roofing	0646041000	NA	I460410	NA	Program deleted, low or no enrollment.
Smart Home / Mobile Electronics Technology	0647010104	8140300	C400300	NA	Program deleted, low or no enrollment.
Structural Drafting	0615130401	NA	I480113	NA	PSAV program was restructured to Drafting PSAV (C100200).
Structural Steel Work	0648051100	NA	I480519	NA	Program deleted, low or no enrollment.
Changes Pending for 2015-2016					
Architectural Drafting	0615130301	8725400	NA	NA	Program daggered for deletion due to low enrollment in upper level courses (Architectural Drafting 7-13). Students may enroll in new program, Architectural Drafting Secondary (8101100), a six credit program.
Carpentry Management	0646020106	NA	NA	AAS	Program daggered for deletion, low or no enrollment.
Construction Carpentry Assistant	0646020107	NA	NA	CCC	Program daggered for deletion, low or no enrollment.
Construction Carpentry Technician	0646020108	NA	NA	CCC	Program daggered for deletion, low or no enrollment.
Construction Electricity Assistant	0646030206	NA	NA	CCC	Program daggered for deletion, low or no enrollment.
Construction Electricity Management		NA	NA	AAS	Program daggered for deletion, low or no

Program/Course Title	2010 CIP #	Secondary #	PSAV #	CC Program	Change
					enrollment.
Construction Electricity Technician	0646030207	NA	NA	CCC	Program daggered for deletion, low or no enrollment.
Electrical Drafting	0615130501	8725200	NA	NA	Program daggered for deletion, low or no enrollment in upper level courses.
Electronic Drafting	0615130502	8725100	NA	NA	Program daggered for deletion, low or no enrollment in upper level courses.
Mechanical Drafting	0615130601	8725300	I480116	NA	Program daggered for deletion, low or no enrollment in upper level courses.
Structural Drafting	0615130401	8725500	NA	NA	Program daggered for deletion, low or no enrollment in upper level courses (Structural Drafting 7-12). Students may enroll in new program, Structural Drafting Secondary (8101200), a six credit program.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Arts, A/V Technology and Communication Cluster**

CONTACT: Eric Owens, 850-245-9015, Fax – 850-245-9010 eric.owens@fldoe.org

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Digital Photography Technology	0650060502	8201300	K100300	NA	New program - Secondary courses: 8201310 Digital Photography 1 8201320 Digital Photography 2 8201330 Digital Photography 3 8201340 Digital Photography 4 8201350 Digital Photography 5 8201360 Digital Photography 6 8201370 Digital Photography 7 PSAV courses: PGy0190 Photographic Specialist PGy0191 Photography Technician PGY0192 Studio Photographer PGY0193 Digital Photographer
Fashion Technology and Production Services	0650040701	NA	K500100	NA	New PSAV program to replace 'Sewing Technology V200700'. Courses: CTE0000 Garment Fabrication Specialist CTE0001 Industrial Seamstress CTE0002 Introduction to Patternmaking and Entrepreneurship CTE0003 Alterations Specialist CTE0004 Tailor for Menswear CTE0005 Formalwear Specialist STE0006 Costume Specialist CTE0007 Accessories Specialist CTE0008 Intimate Apparel Specialist CTE0010 Embroiderer CTE0011 Embroidery Digitizer CTE0012 CAD Patternmaker I CTE0013 CAD Patternmaker II
<u>Changed Programs/Courses</u>					
Interior Decorating Services	0450040804	NA	V200600	NA	SOC codes have been updated.
Interior Décor Fabrication	0450040806	8521040	V200505	NA	SOC codes have been updated.

Program/Course Title	2010 CIP #	Secondary #	PSAV #	CC Program	Change
Interior Design Services	0450040803	8506500	V200500	NA	SOC codes have been updated.
Interior Design Technology - Kitchen and Bath Specialization - Home Staging Specialist	1450040801 0450040805 0450040807	NA	NA	AS CCC CCC	SOC codes have been updated.
Deleted Programs					
Communication Electronics	0647010300	NA	I470103	NA	Deleted due to no enrollment
Interior Décor Fabrication	0450040806	8521040	NA	NA	Deleted secondary program only due to no enrollment.
Interior Design Services	0450040803	NA	V200500	NA	Deleted the PSAV program only due to no enrollment.
Radio Broadcasting	0610020201	NA	I100114	NA	Deleted due to no enrollment
Technical Writing-Publications Technology	1623130300	NA	NA	NA	Deleted due to no enrollment
Changes Pending for 2015-2016					
Interior Décor Fabrication	0450040806	NA	V200505	NA	PSAV is daggered for deletion. NO NEW ENROLLMENTS after 2013-14. Use Interior Decorating Services V200600.
Sewing Technology	0419090605		V200700		Daggered for deletion. Students to enroll in new program 'Fashion Technology and Production Services K500100'.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Business Management and Administration Cluster**

CONTACT: Wendy Sikora, 850-245-0982, Fax – 850-245-9010 wendy.sikora@fldoe.org

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Business Management and Analysis	0552070110	8301100	NA	NA	New secondary program to replace Business Supervision and Management. Courses: 8200320 Applied Computer Business Skills I and 8200330 Applied Computer Business Skills II OR 8209020 Computing for College and Careers OR 8207310 Introduction to Information Technology 8215120 Business and Entrepreneurial Principles 8203310 Accounting Applications I 8301110 Management and Human Resources 8301120 Business Analysis 8215130 Legal Aspects of Business
Court Reporting Transcriptionist	0522030309	8306100	NA	NA	New secondary program to replace Court Reporting (8200200) and Court Reporting 1 (B700500). Secondary Courses: 8306110 Fundamentals of Court Reporting 8209020 Computing for College and Careers 8200230 Court Reporting Technology 1 8200240 Court Reporting Technology 2 8200250 Court Reporting Technology 3 8200260 Court Reporting Technology 4 PSAV Courses:
Court Reporting Transcriptionist	0522030311	NA	B600100	NA	New PSAV program to replace Court Reporting (B070602). OTA0039 Court Reporting Fundamentals OTA0044 Court Reporting Transcriptionist I OTA0045 Court Reporting Transcriptionist II OTA0046 Court Reporting Transcriptionist III
<u>Changed Programs/Courses</u>					
Computer Business Skills	NA	8200330	NA	NA	Name changed to: Applied Computer Business Skills II. Course revised.
Keyboarding and Business Skills	NA	8200320	NA	NA	Name changed to: Applied Computer Business Skills I. Course revised.
<u>Deleted Programs</u>					
None					

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Changes Pending for 2015-2016					
Accounting Operations	0552030202	8203400	NA	NA	Secondary program (8203400) daggered for deletion – replaced by Accounting Applications (8302100) in 2012-13. No new enrollments in the secondary program after 2012-2013, students should enroll in Accounting Applications (8302100). Program will remain in the inventory for teach-out.
Business Supervision and Management	0552020101	8215200	NA	NA	Secondary daggered and replaced with a new program, Business Management and Analysis (8301100). No new enrollments in 8215200.
Business Supervision and Management	0552020101	NA	B060200	NA	PSAV only - Pending name change to Business Management and Analysis.
Court Reporting	0522030300	8200200	B070602	NA	Daggered for deletion and replaced with a new program, Court Reporting Transcriptionist. No new enrollments in 8200200/ B070602.
Court Reporting 1	0522030304	NA	B700500	NA	Daggered for deletion and replaced with a new program, Court Reporting Transcriptionist. No new enrollments in B700500.
Court Reporting Technology AS	1522030301	NA	NA	NA	Daggered for deletion. No new enrollments in 1522030301.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Education and Training Cluster**

CONTACT: Alicia Alexander, 850-245-9900, Fax – 850-245-9010 Alicia.Alexander@fldoe.org

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
None					
<u>Changed Programs/Courses</u>					
Recreation Technology	1731050700			AS	Name Change to “Sports, Fitness and Recreation Management”
<u>Deleted Programs</u>					
Library Technical Assistant	0725030101	NA	NA	CCC	Deleted. No enrollment since 2010-11
<u>Changes Pending for 2015-2016</u>					
Early Childhood Education	0419070910	8503210	V200210	NA	This program is daggered for deletion which will occur at the end of 2013-14. Replaced by Early Childhood Education NEW (8405100/E300100).
Parks and Leisure Services Technology	1731010100			AS	Daggered for deletion. No enrollment.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Energy Cluster**

CONTACT: Kathryn Frederick Wheeler, 850-245-9016, Fax – 850-245-9010 kathryn.frederick@fldoe.org

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
None					
<u>Changed Programs/Courses</u>					
Energy Generation Technician	0715050302	9700200	X600200		An industry certification has been added to the Basic Skills and Licensure Exemption List for this program.
Energy Technician	0715050320	9700300	X600600		An industry certification has been added to the Basic Skills and Licensure Exemption List for this program.
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2014-2015</u>					
None					

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Engineering and Technology Education Cluster**

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
None					
<u>Changed Programs/Courses</u>					
Pathways to Engineering	0821010102	9400300	NA	NA	Name Changed to Engineering Pathways
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
Drafting/Illustrative Design Technology	0821010300	8600800	NA	NA	Program Daggered for Deletion – No new enrollments after 2014-2015. Program will remain in the inventory for teach-out. Optional programs are: Architectural Drafting Secondary (8101100) Drafting (8725000) Structural Drafting Secondary (8101200) Technical Design (8401000) All three Technical Design courses are Level 3.
Engineering By Design	0821010101	9400200	NA	NA	Program Daggered for Deletion – No new enrollments after 2012-2013. Program will remain in the inventory for teach-out. – Engineering Technology (8607000) is the recommended option.

All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Finance Cluster**

CONTACT: Wendy Sikora, 850-245-0982, Fax – 850-245-9010 wendy.sikora@fldoe.org

<u>Program/Course Title</u>	<u>2010CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
None					
<u>Changed Programs/Courses</u>					
Finance and Business Technology	NA	8815150	NA	NA	Satisfies the Fine/Practical Arts Course requirement.
Loan Originator (Program)	0252080904	NA	M807050	NA	Change program name to Mortgage Loan Originator
Loan Officer (Course)			REE0092		Change course name from Loan Officer to Mortgage Loan Officer.
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
Health Insurance Marketing	0252190802	NA	M810011	NA	Daggered for deletion, low/no enrollment. No new enrollments.
Life and Variable Annuity Pre Licensing	0252170102	NA	F700100	NA	Daggered for deletion, low/no enrollment. No new enrollments.

- All career education program course standards are located on the web at <http://www.firn.edu/doe/dwdframe>

**2014-2015 Career Education Program Course Standards
Government and Public Administration Cluster**

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
None					
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
Public Administration Supervision	0744040101	NA	P440401	NA	Daggered for deletion, low/no enrollment.
Public Works	0615050600	8744000	NA	NA	Daggered for deletion, low/no enrollment.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Health Science Cluster**

CONTACT Tracy Yacobellis, 850-245-9018, Fax – 850-245-9010 Tracy.Yacobellis1@fldoe.org

<u>Program/Course Title</u>	<u>2010CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
Dental Assisting Technology and Management-ATD (NEW)	0351060113	NA	H170113	NA	The health core was removed and replaced with occupationally specific competencies which required a change in course structure. This program replaces H170105.
Orthotics & Prosthetics Technology	1351230702	NA	NA	AS	New A.S. degree program
<u>Changed Programs/Courses</u>					
Dental Assisting Technology and Management AS	1351060104	NA	NA	NA	The health core was removed and replaced with occupationally specific competencies.
Dental Aide	NA	8417140	NA	NA	Curriculum was updated.
<u>Deleted Programs</u>					
Basic X-Ray Machine Operator	0317020902	NA	H170209	NA	Deleted due to no enrollment
Central Service Technology	0351079900	NA	H170502	NA	Deleted – replaced with H170220: Central Sterile Processing Technology-PSAV.
Clinical Motion Capture Technician	0351270300	NA	H170200	NA	Deleted due to no enrollment
Health Care Service-ATD	0351070202/ 0351070203	NA	H180708	NA	Deleted due to no enrollment
Health Information Management	1351070708/ 0351070708	NA	NA	AS/AAS	Deleted – replaced with Health Information Technology, 0351070700/1351070700.
<u>Changes Pending for 2015-2016</u>					
Dental Assisting Technology and Management-ATD	0351060109	NA	H170105	NA	Scheduled to be deleted due to major structure changes. Replaced with H170113.
Dental Assisting- PSAV	0317010100	NA	H170104	NA	Scheduled to be deleted due to major structural changes. Replaced with Dental Assisting (NEW) H170106
Physician Assistant A.S.	1351091200	NA	NA	AS	This program is no longer able to be taught at the A.S. degree level after 2020 due to regulatory changes. This program will be placed on dagger until it can be deleted in fall 2017.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Hospitality and Tourism Cluster**

CONTACT: Alicia Alexander, 850-245-9900, Fax – 850-245-9010 Alicia.Alexander@fldoe.org

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
None					
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
Travel and Tourism Industry Operations	0252190503	NA	M811053	NA	Program deleted due to low enrollment
<u>Changes Pending for 2015-2016</u>					
Chef's Apprentice	0612050302	N/A	N/A	CCC	Daggered for deletion due to no enrollment since 2010-11

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Human Services Cluster**

CONTACT: Scott Peters, 850-245-0663, Fax – 850-245-9010 scott.peters@fldoe.org

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
None					
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
Cosmetology	0612040303	8757200	I120404	NA	Deleted – teach-out completed.
<u>Changes Pending for 2015-2016</u>					

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Information Technology Cluster**

CONTACT: Debra Perdue, 850-245-9003, Fax – 850-245-9010 debra.perdue@fldoe.org

Program/Course Title	2010 CIP#	Secondary #	PSAV #	CC Program	Change
New Programs/Courses					
Cloud Computing & Virtualization	0511100303	NA	Y100400	NA	New PSAV program with five (5) courses: OTA0040 Information Technology Assistant; EEV0504 Computer Support Assistant; CTS0026 Network Support Technician; CTS0054 Cloud Analyst; CTS 0056 Cloud Virtualization Specialist
Changed Programs/Courses					
Applied Information Technology	0511010302	9003400	NA	NA	BTE Core Courses listed as an alternative to the first course in the program.
Computer Systems & Information Technology	0511090107	9001200	NA	NA	BTE Core Courses listed as an alternative to the first course in the program.
Database and Programming Essentials	0511080207	8206400	Y300100	NA	Added district teacher certification Comp Prog 7G
Game/Simulation/Animation Programming	0550041116	8208300	B082300	NA	Added district teacher certification Comp Prog 7G
Game/Simulation Animation Visual Design	0550041114	8208100	NA	NA	BTE Core Courses listed as an alternative to the first course in the program.
Game/Simulation Animation Video Effects	0550041115	8208200	NA	NA	BTE Core Courses listed as an alternative to the first course in the program.
Game/Simulation Animation Programming	0550041116	8208300	NA	NA	BTE Core Courses listed as an alternative to the first course in the program.
Network Enterprise Administration	0511100113	NA	NA	CCC	Changed Program Length from Primary: 29 credit hours; Secondary: 26 credit hours to Program Length Primary: 32 credit hours; Secondary: 29 credit hours.
Deleted Programs					
None					

Changes Pending for 2015-2016					
Computer Systems Technology	0647010400	8732100	I470104	NA	Daggered for deletion – No new enrollments after 2012-2013. Program will remain in the inventory for teach-out. Replaced by Computer Systems & Information Technology (CSIT), 9001200/Y100200.
Computer Systems Technology 1	0647010404	NA	J500100	NA	Daggered for deletion – No new enrollments after 2012-2013. Program will remain in the inventory for teach-out. Replaced by Computer Systems & Information Technology (CSIT), 9001200/Y100200.
Computer Systems Technology 2	0647010405	NA	J500200	NA	Daggered for deletion – No new enrollments after 2012-2013. Program will remain in the inventory for teach-out. Replaced by Computer Systems & Information Technology (CSIT), 9001200/Y100200.
Information Technology	0511010308	8207300	Y300300	NA	Daggered for deletion – No new enrollments after 2012-2013. Program will remain in the inventory for teach-out. Replaced by Applied Information Technology 9003400/Y300400.
Information Technology Management	0511010304	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by Network Server Administration (0511100112)
Information Technology Technician	0511010303	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by Network Support Technician (0511100121)
Multimedia Design Technology	0511080101	8212400	B070200	NA	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by: Digital Media Technology (9005100/Y500100) AND Digital Media/Multimedia Design (8201200/K100200)
Multimedia Design Technology 1	0511080115	NA	Y600100	NA	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by: Digital Media Technology (Y500100) AND Digital Media/Multimedia Design (8201200/K100200)

Multimedia Design Technology 2	0511080116	NA	Y600200	NA	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by: Digital Media Technology (Y500100) AND Digital Media/Multimedia Design (8201200/K100200)
Networking Services Technology	1511090103	NA	NA	AS/AAS	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by Network Systems Technology (1511100111).
New Media Technology	0511080100	8207400	B077400	NA	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by: Digital Media Technology (9005100/Y500100) AND Digital Media/Multimedia Design (8201200/K100200)
PC Support Services	0511100602	8207340	B070400	NA	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by: Technology Support Services (9001400/Y100100)
Web Design	0511080105	8207500	B070500	NA	Daggered for deletion- This program has been daggered for deletion with 2011-2012 being the last cohort of students permitted to enroll in the program. No new students may be enrolled in this program, but should instead be enrolled in the Web Development program (9001100/Y700100).
Web Programming Services	0511080107	NA	B079200	NA	Daggered for deletion – No new enrollments after 2012-2013. Program will remain in the inventory for teach-out. Replaced by Web Development, 9001100/Y700100 or Web Application Development & Programming, (9007500/Y700500).

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Law, Public Safety and Security Cluster**

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
None					
<u>Changed Programs/Courses</u>					
Combined CJSTC Law Enforcement and Corrections Basic Dual Certifications	0743010706	NA	P430155	NA	Course Numbering change/length change
Combined CJSTC Law Enforcement and Corrections Basic Dual Certification	0743010707	NA	P430145	NA	Course Numbering change/length change
Criminal Justice Operations	0743010305	8918000	P430199	NA	Updated Industry Alignment
Crossover From Law Enforcement to Correctional officer	0743010703	NA	P430107	NA	Course Numbering change/length change
Crossover from Correctional Officer to Law Enforcement	0743010702	NA	P430125	NA	Course Numbering change/length change
Crossover from Law Enforcement Officer to Correctional Officer	0743010205	NA	P430152	NA	Course Numbering change/length change
Fire Officer 1 CCC	0743020109	NA	NA	CCC	Due to F.A.C. 69A-37.065 change effective 11/18/13, Bureau Fire Standards and Training no longer recognize Fire Officer I/II program for Fire Officer I/II certification.
Fire Officer 2 CCC	0743020104	NA	NA	CCC	Due to F.A.C. 69A-37.065 change effective 11/18/13, Bureau Fire Standards and Training no longer recognize Fire Officer I/II program for Fire Officer I/II certification.
Fire Science Technology AS Degree	1743020100 0743020100	NA	NA	AS AAS	Due to F.A.C. 69A-37.065 change effective 11/18/13, Bureau Fire Standards and Training no longer recognize Fire Officer I/II program for Fire Officer I/II certification.
Law Enforcement	0743010700	NA	P430105	NA	Course numbering change/length change: Name change to Florida Law Enforcement Academy
Police Service Aide	0743019903	NA	P439991	NA	Updated Industry Alignment
Public Safety Telecommunication	0743039900	9101000	P090101	NA	Updated Industry Alignment

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Deleted Programs					
Fire Officer	0743020203	NA	P430206	NA	Deleted due to F.A.C. 69A-37.065 change. Bureau Fire Standards and Training no longer recognize program for Fire Officer I/II certification.
Fire Officer 1 CCC	0743020109	NA	NA	CCC	Daggered for deletion due to F.A.C. 69A-37.065 change effective 11/18/13, Bureau Fire Standards and Training no longer recognize Fire Officer I/II program for Fire Officer I/II certification.
Fire Officer 2 CCC	0743020104	NA	NA	CCC	Daggered for deletion due to F.A.C. 69A-37.065 change effective 11/18/13, Bureau Fire Standards and Training no longer recognize Fire Officer I/II program for Fire Officer I/II certification.
Juvenile Justice Detention/Residential Officer	0743011001	NA	L100100	NA	Deleted due to no enrollment.
Changes Pending for 2015-2016					
Combined CJSTC Law Enforcement and Corrections Basic Dual Certification	0743010707	NA	P430145	NA	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

2014-2015 Career Education Program Course Standards
Manufacturing Cluster

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Program/Course Title	2010 CIP#	Secondary #	PSAV #	CC Program	Change
<u>New Programs/Courses</u>					
Biomedical Equipment Repair Technology	0615040106	NA	J400100	NA	New program (PSAV) – courses include: AVS0095 Basic Electronics Troubleshooter EER0006 Electronics Equipment Repairer EER0090 Biomedical Electronics Troubleshooter 1 EER0091 Biomedical Electronics Repair Technician EER0092 Biomedical Imaging Equipment 1 EER0093 Biomedical Imaging Equipment Technician
Biomedical Equipment Technology	0615040105	9204100	NA	NA	New program (Secondary) – courses include: 9540310 Electronics Fundamentals 1 9204110 Electronics Equipment Troubleshooter 9204120 Medical Electronics 1 9204130 Biomedical Electronics Technician
<u>Changed Programs/Courses</u>					
CNC Machinist	0648051002	NA	NA	CCC	Name Change – CNC Machinist/Fabricator
Computerized Woodworking	0615080501	NA	NA	CCC	Name Change – CNC Composite Fabricator/Programmer
Automation and Production Technology	0615040603	9200100	J100100	NA	An industry certification has been added to the Basic Skills and Licensure Exemption List for this program.
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
Applied Welding Technologies	0648050802	8754500	I480500	N/A	Name Change – Welding Technologies
Boat and Yacht Repair/Refinishing Technology	0647061601	8751300	I490316	NA	Daggered for deletion –Program to be restructured and realigned resulting in fewer courses. No new enrollments after 2014-2015. Program will remain in the inventory for teach-out.

Boatbuilding – Wood and Fabricated	0648079901	8721000	I480799	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Cisco Certified Network Associate Certificate	0611020301	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by Network Infrastructure (0511100114)
Computer Specialist	061100604	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by Network Support Technician (0511100121)
Electronic System Assembly	0647019903	8730300	I470129	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Jewelry Making and Repair	0647040806	8745500	NA	NA	Daggered for Deletion – Secondary program is ONLY to be Daggered due to no/low enrollment. No new Secondary enrollments after 2013-2014. Secondary program will remain in the inventory for teach-out. <u>The PSAV program will remain.</u>
Microelectronics Manufacturing Technology	1615030303	NA	NA	AS	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will be sunset.
Network Systems Developer	0611090104	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by Advanced Network Infrastructure (0511100115)
Practical, Technical and Industrial Occupations	06469999PA	8700300	NA	NA	Program daggered for deletion– low/no enrollments.
Precision Metal Fabrication	0648050100	8754300	I480504	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Precision Metal Fabrication 1	0648050101	NA	J310100	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Precision Metal Fabrication 2	0648050102	NA	J310200	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.

Related Industrial Technology	0615061202	NA	I469929	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Safety Engineering Technology	1615070101	NA	NA	AS	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will be sunset.
Sheet Metal Fabrication Technology	0648050600	8754100	I480506	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Sheet Metal Fabrication Technology 1	0648050601	NA	J360100	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Sheet Metal Fabrication Technology 2	0648050602	NA	J360200	NA	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Solar Energy Technician	0615050517	NA	NA	CCC	Daggered for deletion – low/no enrollments. No new enrollments after 2013-2014. Program will be sunset.
Unix/Linux System Administrator	0511090106	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by UNIX Linux System Administrator (0511100122)
Wireless and IP Communications Technician	0615030505	NA	NA	CCC	Daggered for deletion – No new enrollments after 2013-2014. Program will remain in the inventory for teach-out. Replaced by IP Communications (0511100120)

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Marketing, Sales and Services Cluster**

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Marketing, Management and Entrepreneurial Principles PSAV	0252140104	NA	M200500	NA	New program with the following courses: MKA0432 Salesperson, Retail MKA0010 Marketing Managers MKA0091 (Entrepreneur) General Manager
Marketing, Management and Entrepreneurial Principles Secondary	0252140103	9200500	NA	NA	New program with the following courses: 8827110 Marketing Essentials 8827120 Marketing Applications 8827130 Marketing Management 8812000 Business Ownership
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
Call Center Management	1252020702	NA	NA	AS	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Certified Residential Appraiser	0252150102	NA	M200200	NA	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Home Inspector	0246040301	NA	M200300	NA	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Marketing	02521401SP	8827100	M999991	NA	Daggered for deletion – New students should enroll in new programs 9200500 and M200500. NO NEW ENROLLMENTS after 2013-14. Program will remain in inventory for teach-out.
Non Profit Marketing	0219020301	9303100	M200400	NA	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Retail Food Marketing	0252180100	8821100	M806010	NA	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.

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**2014-2015 Career Education Program Course Standards
Transportation, Distribution and Logistics Cluster**

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Automotive Maintenance and Light Repair	0647060417	9504100	NA	NA	New Program (Secondary) – Courses Include: 9504110 Automotive Maintenance and Light Repair 1 9504120 Automotive Maintenance and Light Repair 2 9504130 Automotive Maintenance and Light Repair 3 9504140 Automotive Maintenance and Light Repair 4 9504150 Automotive Maintenance and Light Repair 5 9504160 Automotive Maintenance and Light Repair 6
Automotive Service Advisor and Consultant	0647060415	NA	T400900	NA	New Program (PSAV) – Courses include: AER0075 Introduction to Automotive Service Advisor AER0076 Introduction to Automotive Customer Service AER0070 Dealership Policies and Protocols AER0945 Dealership Internship
<u>Changed Programs/Courses</u>					
Mobile Electronics Technology	0647010105	9540400	T400400	NA	Added AUTO MECH @7 7G to Teacher Certification.
<u>Deleted Programs</u>					
School Bus Driver Training	0649020501	NA	I490215	NA	Program deleted due to low enrollment. This program should be offered through CWE.
<u>Changes Pending for 2015-2016</u>					
Automotive Service Technology	0647060405	8709400	I470608	NA	Daggered for Deletion – Secondary program ONLY is daggered due to new program. Automotive Maintenance and Light Repair

<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
					(9504100) is the replacement program. No new Secondary enrollments after 2013-2014. Secondary program will remain in the inventory for teach-out. The PSAV program will remain.
Recreational Vehicle Service Technician	0647061800	NA	I470698	NA	Daggered for deletion, No new enrollments after 2013-2014. Program will remain in the inventory for teach-out.
Transit Technician 1	0647061307	9500100	NA	NA	Secondary program ONLY is daggered for deletion due to new program. No new Secondary enrollments after 2013-2014. Secondary program will remain in the inventory for teach-out. The PSAV program will remain.
Transit Technician 2	0647061308	9500200	NA	NA	Secondary program ONLY is daggered for deletion due to new program. No new Secondary enrollments after 2013-2014. Secondary program will remain in the inventory for teach-out. The PSAV program will remain.
Transit Technician 3	0647061309	9500300	NA	NA	Secondary program ONLY is daggered for deletion due to new program. No new Secondary enrollments after 2013-2014. Secondary program will remain in the inventory for teach-out. The PSAV program will remain.

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Additional CTE Programs/Courses - DIVERSIFIED EDUCATION**

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<u>Program/Course Title</u>	<u>2010 CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
None					
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
None					

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Additional CTE Programs/Courses - Instructional Support Services (Special Needs)**

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<u>Program/Course Title</u>	<u>2010 CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
None					
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
None					

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Additional CTE Programs/Courses – OTHER Career and Technical Education Programs**

CONTACT: Eric Owens, 850-245-9020, Fax – 850-245-9010

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
CWE – Architecture and Construction	1691011008	NA	E91010C	NA	New Program
CWE – Arts, A/V Technology and Communication	1691011009	NA	E91010K	NA	New Program
CWE – Education and Training	1691011010	NA	E91010E	NA	New Program
CWE – Energy	1691011011	NA	E91010X	NA	New Program
CWE – Finance	1691011012	NA	E91010F	NA	New Program
CWE – Government and Public Administration	1691011013	NA	E91010G	NA	New Program
CWE – Hospitality and Tourism	1691011014	NA	E91010N	NA	New Program
CWE – Human Services	1691011015	NA	E91010D	NA	New Program
CWE – Information Technology	1691011016	NA	E91010Y	NA	New Program
CWE – Law, Public Safety and Service	1691011017	NA	E91010L	NA	New Program
CWE – Manufacturing	1691011019	NA	E91010J	NA	New Program
CWE – Transportation, Distribution and Logistics	1691011019	NA	E91010T	NA	New Program
CWE – Engineering and Technology	1691011020	NA	E91010S	NA	New Program
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
CWE Family and Consumer Sciences	1691011004	NA	E91010V	NA	Deleted – please use appropriate career cluster
CWE Industrial	1691011006	NA	E91010I	NA	Deleted – please use appropriate career cluster
CWE Public Service	1691011007	NA	E91010P	NA	Deleted – please use appropriate career cluster
<u>Changes Pending for 2015-2016</u>					
CWE – Agriculture and Natural Resources	1691011001	NA	E91010A	NA	Name will change to CWE – Agriculture, Food and Natural Resources
CWE – Marketing	1691011002	NA	E91010M	NA	Name will change to CWE – Marketing Sales and Services
CWE – Business Technology	1691011005	NA	E91010B	NA	Name will change to CWE – Business, Management and Administration
Technical Systems and Applications	1400002000	8002000	NA	NA	Daggered for deletion due to low/no enrollment

- All career education program course standards are located on the web at <http://www.fldoe.org/workforce/dwdframe>

**2014-2015 Career Education Program Course Standards
Additional CTE Programs/Courses – CAREER WHEEL**

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<u>Program/Course Title</u>	<u>2010 CIP #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs</u>					
None					
<u>Changed Programs/Courses</u>					
None					
<u>Deleted Programs</u>					
None					
<u>Changes Pending for 2015-2016</u>					
None					

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