



2010-2020 Lower Division CTE Classification of Instructional Programs (CIP) Review

Kathleen Taylor, Bureau Chief
Christine Walsh, Education Program Analyst
November 18, 2020





FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

Background

The CIP

National Center For Education Statistics

- What does CIP actually stand for?
 - Classification of Instructional Programs (CIP) provides a taxonomic scheme that supports the accurate tracking and reporting of fields of study and program completions activity.
- Originally developed by the U.S. Department of Education's National Center for Education Statistics (NCES) in 1980
- Revisions occurring in 1985, 1990, 2000, 2010 and 2020

Lower Division Florida CIP Codes

- All Florida 10-digit CIPs start with 2 digits that indicate the program level followed by the 6-digit federal CIP.
- The “Unique Identifier” (last 2-digits) represents the program installment/version since its original inception. For example, an Information Technology A.S. degree ending in “003” represents the 3rd version of that program, which was likely initiated by a change in the program length or substantive change in the student learning outcomes.

Cluster Values Aligned to Cost Report Codes (2 Digits = 1x or 0x)	Classification of Instructional Program (6-Digit Federal CIP Code)	Unique Identifier (2 digits assigned by DCAE)
12	345678	03

2020 Lower Division CIP Transition and Deployment

- NCES released the 2020 Classification of Instructional Programs (CIP) last year, which reflects the various programs of study being offered at postsecondary institutions around the country.
- The Division maintained the existing 2010 CIPs (Florida's 10-digit CIPs, which is inclusive of the 6-digit federal CIP) in the 2020-2021 curriculum frameworks and announced to school districts and FCS institutions that deployment of 2020 CIPs would be reflected in the 2021-2022 curriculum frameworks.
- On the upper division side, the Division of Florida Colleges has already engaged the Florida College System on the 2020 CIP assignments for workforce baccalaureate degrees.
- This November school districts and FCS institutions can review and provide feedback on recommended lower division 2020 CIP code assignments for all program types (career certificate, ATD, CCC, AAS, and AS).



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

2020 CIP Code Transition

Overarching Goal of the 2020 CIP Code Transition

- Ensure alignment between CIP codes and lower division CTE programs adopted annually by the State Board of Education.
- Provide key stakeholders (FCS institutions and school district technical colleges) the opportunity to review the Department's proposed 2020 6-digit federal CIP code assignments.

2010-2020 Federal Crosswalk Changes

CIP Title (Program Title)	Program Type	Florida CIP Number 2010	2010 Federal CIP	2020 Federal CIP	2020 Federal CIP Title
Veterinary Assisting	CAR	0151080810	510808	018301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.
Veterinary Assisting	CCC	0351080801	510808	018301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.
Veterinary Technology	AS	1351080800	510808	018301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.
Alternative Energy Engineering Technology	CCC	0615050304	150503	151701	Energy Systems Technology/Technician.
Solar Photovoltaic System Design, Installation and Maintenance - Entry Level	CAR	0615050502	150505	151703	Solar Energy Technology/Technician.
Turbine Generator Maintenance, Inspection and Repair	CAR	0715050304	150503	151701	Energy Systems Technology/Technician.
Energy Technician	CAR	0715050320	150503	151701	Energy Systems Technology/Technician.
Crime Scene Technician	CCC	0743010601	430106	430406	Forensic Science and Technology.
Crime Scene Technology	AS	1743010600	430106	430406	Forensic Science and Technology.
Computer Related Crime Investigations	AS	1743011601	430116	430403	Cyber/Computer Forensics and Counterterrorism.
Alternative Energy Systems Specialist	CCC	0615050303	150503	151701	Energy Systems Technology/Technician.
Solar Energy Technician	CCC	0615050517	150505	151703	Solar Energy Technology/Technician.

2020 CIP Transition and Deployment

Key Policy Considerations:

- Are there existing 2010 CIPs that were misaligned to begin with? We cannot rely on the federal crosswalk to determine the 2020 CIP assignment
- Postsecondary stakeholder engagement is key to a successful deployment
- What if a program is just entering "teach-out" in 2021-22? What about active programs in "teach-out" prior to 2021-22?
- CIP to SOC alignment must be a consideration as a companion project and include stakeholder input
- Implications for articulation

Implementation Plan

Key Date:	Milestone
General Introduction of Topic	<ul style="list-style-type: none"> • June and October 2020 FCS Councils meetings • Fall Quarterly Postsecondary CTE webinars
Comprehensive Internal CIP Code Review	October 2020
External Stakeholder Review	November 10 – December 11, 2020
Compilation of Review Results and Determination of Final 2020 Federal 6-Digit CIP Code Assignments	December 11 – January 8, 2020
2021-2022 Academic Year Lower Division Curriculum Frameworks	<ul style="list-style-type: none"> • Posted as Draft in February 2021 • Adoption by the State Board of Education in Spring 2021.
2021-2022 Reporting Year	Full Implementation of 2020 Federal 6-Digit CIP codes.

External Stakeholder Next Steps

- Coordinate with program and curriculum staff who are knowledgeable of the subject matter of each lower division CTE program at your institution.
- Engage your reports coordinators and institutional effectiveness representatives if appropriate.
- Please complete the workbook no later than Friday, December 11, 2020.
- Please contact Kathleen Taylor at 850-245-9062 or by email at Kathleen.taylor@fldoe.org if you have any programmatic questions.



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

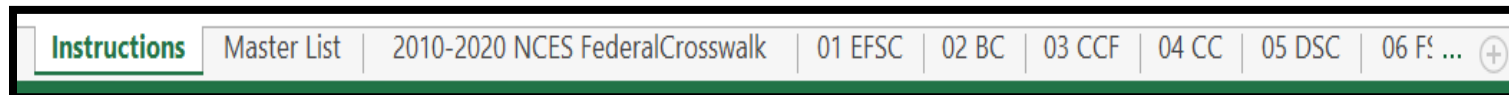
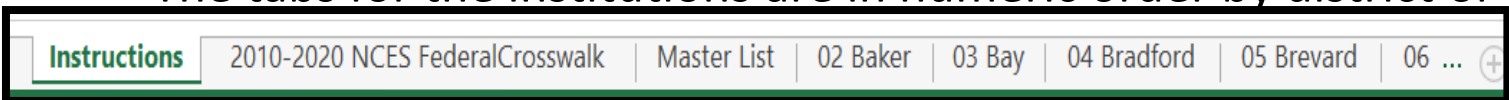
Local Stakeholder Review: How to Navigate the Workbook & Instructions

Background and Introduction

- This review is for lower division CTE programs only.
- The program information in this workbook is from data reported to FDOE for the year 2019-20.
- It has been compared to the current active statewide program inventory for 2020-21. This comparison was performed for several reasons:
 - To identify programs being used in 2019-20 that are no longer valid in 2020-21; and
 - To review the 2020-21 program inventory and their associated CIPs and identify any potential changes that need to be made to align them with the new 2020 Federal 6-Digit CIPs.

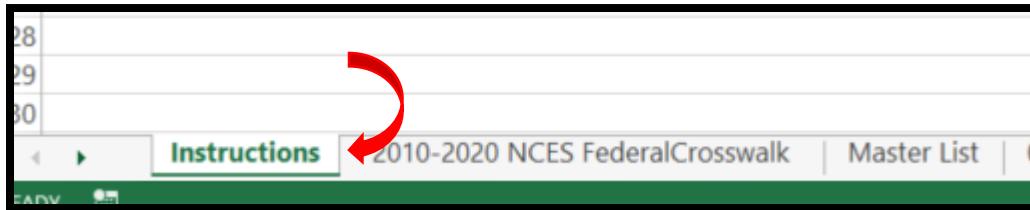
Workbook Tabs

- The tabs you will find in the workbook are:
 - Instructions
 - 2010-2020 NCES Federal Crosswalk
 - Master List
 - An individual tab for each school district or FCS institution
 - The tabs for the institutions are in numeric order by district or



Workbook Instructions

- Instructions for the CIP Review Workbook were included as a .pdf in the email you received from Chancellor Mack on November 10th and contains the workbook and they are also included as the first tab in the workbook.



Master List Tab

- This list is the current available 2020-2021 academic year statewide inventory of postsecondary programs.
 - The district Master List contains career certificate programs (CAR) and applied technology diplomas (CAR-ATD) programs
 - The FCS institution Master List contains associate in science degrees (AS), associate in applied science degrees (AAS), applied technology diplomas (ATD), college credit certificates (CCC) and career certificates CAR programs

Master List Tab

- Contains the following fields:

FDOE Program Title	Program Type	Current FDOE 10 Digit CIP Number	2010 Federal 6 Digit CIP	2020 Federal 6 Digit CIP	FDOE Suggested 2020 Federal 6 Digit CIF	2020 Federal CIP Title <i>(**Note** This is NOT the program title)</i>	Postsecondary Program Number	Teach Out Program	Year Dagerred
Nursery Management	CAR	0101060602	010606	010606	010606	Plant Nursery Operations and Management.	A010616	No	
Landscape & Turf Management	CAR	0101060703	010607	010607	010607	Turf and Turfgrass Management.	A200100	No	
Veterinary Assisting	CAR	0151080810	510808	018301	018301	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.	A010512	No	
Water Treatment Technologies	CAR	0715050603	150506	150506	150506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.	P150507	No	
Wastewater Treatment Technologies	CAR	0715050604	150506	150506	150506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.	P150527	No	

Programs In Teach Out

- Please note that Teach Out and Year Daggered indicators in columns J and K on the Master List have been included for reference purposes only.
- Those CIP numbers are being reviewed internally and not subject to this external stakeholder review.
- If a program is in teach out status, districts and colleges should not be enrolling new students or be considering the addition of the teach out program to their local catalog offering.
- CIP codes associated with registered apprenticeship, preapprenticeship, the applied technology certificate (ATC) and the adult education programs are not subject to this external stakeholder review.

2010-2020 NCES Federal Crosswalk

- This tab contains the 2010-2020 CIP Crosswalk provided by the National Center for Education Statistics (NCES)
- It will be used to review the 2010 CIP code and CIP title and compare it to the 2020 CIP code and CIP title (listed side-by-side on the crosswalk)
- It will allow you to review other 2020 CIP codes and CIP titles and make alternate suggestions if you disagree with the FDOE suggested 2020 CIP code
- You are welcome to review the NCES detailed CIP information at the following link:
<https://nces.ed.gov/ipeds/cipcode/Default.aspx?y=56>

Side-by-Side Comparison

CIPCode2010	CIPTitle2010	Action	Text change	CIPCode2020	CIPTitle2020	Status
01	AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED SCIENCES.	No substantive changes	yes	01	AGRICULTURAL/ANIMAL/PLANT/VETERINARY SCIENCE AND RELATED F	No Change
01.00	Agriculture, General.	No substantive changes	no	01.00	Agriculture, General.	No Change
01.0000	Agriculture, General.	No substantive changes	no	01.0000	Agriculture, General.	No Change
01.01	Agricultural Business and Management.	No substantive changes	no	01.01	Agricultural Business and Management.	No Change
01.0101	Agricultural Business and Management, General.	No substantive changes	no	01.0101	Agricultural Business and Management, General.	No Change
01.0102	Agribusiness/Agricultural Business Operations.	No substantive changes	no	01.0102	Agribusiness/Agricultural Business Operations.	No Change
01.0103	Agricultural Economics.	No substantive changes	no	01.0103	Agricultural Economics.	No Change
01.0104	Farm/Farm and Ranch Management.	No substantive changes	no	01.0104	Farm/Farm and Ranch Management.	No Change
01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.	No substantive changes	no	01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.	No Change
01.0106	Agricultural Business Technology.	No substantive changes	yes	01.0106	Agricultural Business Technology/Technician.	No Change
01.0199	Agricultural Business and Management, Other.	No substantive changes	no	01.0199	Agricultural Business and Management, Other.	No Change
01.02	Agricultural Mechanization.	No substantive changes	no	01.02	Agricultural Mechanization.	No Change
01.0201	Agricultural Mechanization, General.	No substantive changes	no	01.0201	Agricultural Mechanization, General.	No Change
01.0204	Agricultural Power Machinery Operation.	No substantive changes	no	01.0204	Agricultural Power Machinery Operation.	No Change
01.0205	Agricultural Mechanics and Equipment/Machine Technology.	No substantive changes	yes	01.0205	Agricultural Mechanics and Equipment/Machine Technology/Technician	No Change
		New	no	01.0207	Irrigation Management Technology/Technician.	Other
01.0299	Agricultural Mechanization, Other.	No substantive changes	no	01.0299	Agricultural Mechanization, Other.	No Change
01.03	Agricultural Production Operations.	No substantive changes	no	01.03	Agricultural Production Operations.	No Change
01.0301	Agricultural Production Operations, General.	No substantive changes	no	01.0301	Agricultural Production Operations, General.	No Change
01.0302	Animal/Livestock Husbandry and Production.	No substantive changes	no	01.0302	Animal/Livestock Husbandry and Production.	No Change

The Institution Tab

- Click on your institution's tab
- When the tab opens you will see a list of all the postsecondary CTE programs the institution reported enrollment and/or a completion for the 2019-20 reporting year.
- Workbook differences:
- District tab contains the postsecondary program number (column D) as well as the 10 digit CIP
- FCS tab contains the college name abbreviation (column B) and only contains the 10 digit CIP



Please note, N/A indicates that your district has reported at least one enrollment or completion in 2019-20, but this 10-digit CIP/Program does not currently exist in the Approved 2020-21 Program Inventory and is therefore not reportable. Please review these programs to ensure that the most current CIP codes and program numbers are being used.

District Number	District Name	FDOE 2010 CIP Number In Use at District	Postsecondary Program Number	2010 Federal CIP	2020 Federal CIP	FDOE Recommended Federal CIP	2020 Federal CIP Title (**Note** This is NOT the program title)
3	BAY	0551071603	B070300	510716	510716	510716	Medical Administrative/Executive Assistant and Medical Secretary.
3	BAY	0552040103	B070330	520401	520401	520401	Administrative Assistant and Secretarial Science, General.
3	BAY	0511090107	Y100200	110901	110901	110901	Computer Systems Networking and Telecommunications.
3	BAY	0351350102	H120406	513501	513501	513501	Massage Therapy/Therapeutic Massage.

Please note, N/A indicates that your college has reported at least one enrollment or completion in 2019-20, but this 10-digit CIP does not currently exist in the Approved 2020-21 Program Inventory and is therefore not reportable. Please review these programs to ensure that the most current CIP codes are being used.

College Number	College Name ABBRV	College Name	FDOE 2010 CIP Number In Use at College (10-digit)	2010 Federal CIP	2020 Federal CIP	FDOE Recommended 2020 Federal CIP	2020 Federal CIP Title (**Note** This is NOT the program title)
01	EFSC	EASTERN FLORIDA STATE COLLEGE	0351060108	510601	510601	510601	Dental Assisting/Assistant.
01	EFSC	EASTERN FLORIDA STATE COLLEGE	0351070714	510707	510707	510714	Medical Insurance Specialist/Medical Biller
01	EFSC	EASTERN FLORIDA STATE COLLEGE	0351080104	510801	510801	510801	Medical/Clinical Assistant.
01	EFSC	EASTERN FLORIDA STATE COLLEGE	0351080503	510805	510805	510805	Pharmacy Technician/Assistant.

Begin The Review

- If a program has NA in Columns D, E, F, G and H that means that there wasn't a current match for that program in the 2020-21 program inventory and that program is no longer available/reportable in 2020-21. These CIPs will not be updated.

0351090503	510905	510905	510905	Nuclear Medical Technology/Technologist.
0351090703	510907	510907	510907	Medical Radiologic Technology/Science - Radiation Therapist.
0351350100	NA	NA	NA	NA
0419070904	190709	190709	190709	Child Care Provider/Assistant.
0419070906	190709	190709	190709	Child Care Provider/Assistant.

- The institution should make sure that the program is not in use for the 2020-21 reporting year **and**
- In column L – “Local Agency Comments/Notes”, on the institution tab, note any comments you might have such as “The College/District is no longer offering this program in 2020-21 and has moved to the new replacement program.”

Next Steps

- Look at the current 2010 Federal CIP (Column E) that is in use.
 - Note* The 2010 Federal CIP is also the middle six digits of the 10 digit CIP (Column C for Districts or D for FCS institutions).
- Next look at the 2020 Federal CIP (Column F). This is the CIP that the NCES suggest we use.
- Then review the FDOE Recommended Federal CIP (Column G) and corresponding CIP title (Column H).

C	D	E	F	G	H
Please note, N/A indicates that your district has reported at least one enrollment or completion in 2019-20, but this 10-digit CIP/Program does not currently exist in the Approved 2020-21 Program Inventory and is therefore not reportable. Please review these programs to ensure that the most current CIP codes and program numbers are being used.					
FDOE 2010 CIP Number In Use at District	Postsecondary Program Number	2010 Federal CIP	2020 Federal CIP	FDOE Recommended Federal CIP	2020 Federal CIP Title (**Note** This is NOT the program title)
0551071603	B070300	510716	510716	510716	Medical Administrative/Executive Assistant and Medical Secretary.
0552040103	B070330	520401	520401	520401	Administrative Assistant and Secretarial Science, General.
0511090107	Y100200	110901	110901	110901	Computer Systems Networking and Telecommunications.
0251250102	H120406	512501	512501	512501	Massage Therapy/Therapeutic Massage





Next Steps (Continued)

- In most cases the FDOE recommended CIP is the same as the 2020 CIP suggested by the Federal NCES Crosswalk. However, this is also where the two may differ because it was determined that a different 2020 Federal CIP was better aligned to the program and the Department is recommending a different 2020 Federal CIP number.

0646030202	I460312	460302	460302	460302	Electrician.
0646050303	I460514	460503	460503	460502	Pipefitting/Pipefitter and Sprinkler Fitter
0647020106	I470203	470201	470201	470201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.

Next Steps (Continued)

- Use the tab 2010-2020 NCES Federal Crosswalk provided for your reference or use the link provided in the instructions to access the NCES Federal Crosswalk.
<https://nces.ed.gov/ipeds/cipcode/Default.aspx?y=56>
- In Column I you will indicate if you agree or disagree with the FDOE recommended Federal CIP by making the selection using the drop down list (You will see the drop down arrow when you click in the cell).

I	J	K	L
Local agency--please complete these columns.			
Local Agency Assessment: Agree/Disagree with FDOE Recommended 2020 CIP Assignment (Column G) 	Local Agency Assessment: Suggested 2020 Federal CIP (Must be valid NCES 2020 CIP) 	Local Agency Assessment: Reason for Disagreement and Suggested Replacement 	Local Agency Comments/Notes 
Agree			
Disagree			

Next Steps (Continued)

- If you selected disagree in Column I, then enter your suggested 2020 CIP recommendation in Column J. **It must be a valid CIP from the 2010-2020 NCES CIP Crosswalk** that can be found using the link provided in the instructions and on slide 10 or use the tab 2010-2020 NCES Federal Crosswalk in the workbook.
- In Column K provide your reason for your disagreement and brief rationale for your recommendation.

I	J	K	L
Local agency--please complete these columns.			
Local Agency Assessment: Agree/Disagree with FDOE Recommended 2020 CIP Assignment (Column G) <input type="button" value="v"/>	Local Agency Assessment: Suggested 2020 Federal CIP (Must be valid NCES 2020 CIP) <input type="button" value="v"/>	Local Agency Assessment: Reason for Disagreement and Suggested Replacement <input type="button" value="v"/>	Local Agency Comments/Notes <input type="button" value="v"/>

Next Step (Optional)

- If you are offering a new program this year (2020-21 academic year) or are going to be adding a program in 2021-22 and would like to add the program to your list:
 - Find the program on the on the “Master List” tab and then enter the corresponding program information at the end of the list provided on your institution tab. You will enter this corresponding information at the bottom of your list in the first available blank row.
 - In Column L – Local Agency Comments/Notes indicate if it was new for 2020-21 or will be new/proposed for 2021-22.
- Column L will also be used to add responses for those programs that contained NA and are not in the 2020-21 program inventory

Final Steps

- Save the workbook
- Email the workbook no later than Friday, December 11, in its entirety, to: christine.walsh@fldoe.org
- Technical questions concerning the workbook should be directed to Christine Walsh.



FLORIDA DEPARTMENT OF
EDUCATION
— fldoe.org

Q & A



www.FLDOE.org

Tara Goodman, Chief
Vice Chancellor
Tara.goodman@fldoe.org

Gloria Spradley-Brown, Chief
Bureau of Grants Administration
and Compliance
Gloria.spradley@fldoe.org

Kathleen Taylor, Chief
Bureau of Standards, Benchmarks
and Frameworks
Kathleen.taylor@fldoe.org



www.FLDOE.org