

CHANGES DOCUMENT DRAFT

2010-2011 Career Education Program Course Standards Agriculture, Food and Natural Resources Cluster

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
<u>Changed Programs/Courses</u>					
Solar Energy Technology	0715050500	8006100	A600200		Moved to "Energy" Career Cluster
<u>Changes Pending for 2011-2012</u>					
Agricultural Machinery Mechanics	0101020410				PSAV program daggered for deletion in 2011-12
Agricultural Machinery Operations	0101020400				PSAV program daggered for deletion in 2011-12
Diversified Agricultural Mechanics	0101020310				PSAV program daggered for deletion in 2011-12
Forestry	0103049901	A010240			PSAV program daggered for deletion in 2011-12
Natural Resources	0103010100	8112100 A010204	A010301		Secondary and PSAV programs daggered for deletion in 2011-12
<u>Deleted Programs</u>					
		A010203			
Crop & Plant Technology	0101030401	8106400	A010304		Secondary and PSAV programs deleted
Plant Biotechnology	0102040100	A010314			PSAV program deleted
Animal Biotechnology	0102020100				PSAV program deleted
Environmental Resources	0103010101				PSAV program deleted
Agriculture Sales & Services	0101050100				PSAV program deleted
<u>New/Changed Basic Skills Requirements</u>					
		A010510			
		A010403			
		A010100			
		A010500			

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

**2010-2011 Career Education Program Course Standards
Architecture and Construction Cluster**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Navel Architecture and Yacht Design	0614220100			AAS/AS	New Program
Sustainable Design	0615010106			CCC	New Program
<u>Program Cluster Change</u>					
Electrical Power Technology	0615030200			AAS/AS	Moved to Manufacturing Cluster
<u>Deleted Programs</u>					
Floor Covering Installation	0646040500	8721400	I460405		Deleted due to low enrollments
Glazing	0646040600		I460406		Deleted due to low enrollments
Swimming Pool Maintenance	0646999903	8720000	I469939		Deleted due to low enrollments
Tile Setting	0646010300	8723100	I460103		Deleted due to low enrollments
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes Pending for 2011-12</u>					
Commercial and Industrial Insulation	0646040700		I460407		Daggered for deletion in 2011-12 due to low enrollments
Roofing	0646041000		I460410		Daggered for deletion in 2011-12 due to low enrollments
Structural Steel Work	0646049900		I480519		Daggered for deletion in 2011-12 due to low enrollments
Drywall Installation	0646040400		I460404		Daggered for deletion in 2011-12 due to low enrollments

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**2010 – 2011 Career Education Program Course Standards
Business, Management & Administration Cluster**

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<u>Program/Course Title</u>	<u>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>					
<p>In addition to the specific changes noted below, most programs have been reviewed and standards aligned to comply with numbering protocols. Teachers are encouraged to review their respective frameworks as appropriate to ensure congruence with their lesson plans.</p>					
Accounting Operations	0507010102	8203400	B070110		<ul style="list-style-type: none"> • Realigned MKTG 1 @2 certification to limit it to Accounting Applications 1 (8203310) • Removed COMP SCI 6 certification
Electronic Business Enterprise	0506120109	8200300	B070100		<ul style="list-style-type: none"> • Expanded the BTE Core to encompass all courses that can satisfy the core. • Corrected title of E-Commerce Systems Analysis and Design course (8200360)
Computer Applications in Business 1	05079999MS	8200520			Tec Ed 1 @2 teacher certification added.
Computer Applications in Business 1 & Career Planning	05079999EX	8200220			Tec Ed 1 @2 teacher certification added.
Computing for College and Careers		8209020			Standards enhanced with more descriptive adjectives.
Court Reporting	0507060200	8200200	B070602		<ul style="list-style-type: none"> • OCPs realigned to ensure congruence between secondary and postsecondary implementations • Standards updated to reflect current national standards.
Court Reporting 1	0507060204		B700500		<ul style="list-style-type: none"> • Standards updated to reflect current national standards and aligned to OCPs.
Court Reporting 2	0507060205		B700600		<ul style="list-style-type: none"> • Standards updated to reflect current national standards and aligned to OCPs.
Court Reporting 3	0507060206		B700700		<ul style="list-style-type: none"> • Standards updated to reflect current national standards and aligned to OCPs.
<u>Deleted Programs</u>					
None					

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>Changes Pending for 2011-2012</u>					Details on program review and development are listed on the Next Generation Occupational Standards web page: http://www.fl DOE.org/workforce/ngosedu/doc/busWork.doc
Voice Writing	0507060203	8207600	B070603		Program daggered for deletion in 2011-12 due to low student enrollment.
Voice Writing 1	0507060207		B800700		Program daggered for deletion in 2011-12 due to low student enrollment.
Voice Writing 2	0507060208		B800800		Program daggered for deletion in 2011-12 due to low student enrollment.

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

**2010-2011 Career Education Program Course Standards
Education and Training Cluster**

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<u>Program/Course Title</u>	<u>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>					
<u>Deleted Programs</u>					
Sign Language Communication	0713100302		P131023		Program has been deleted due to no enrollment
Secondary Family Child Care Training	0420010102	8500150			Program has been deleted due to no enrollment
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>Changes Pending for 2011-2012</u>					

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2010-2011 Career Education Program Course Standards
****NEW**Energy Cluster**NEW****

CONTACT: Xenia Bailey, 850-245-0663, Fax – 850-245-9019 xenia.bailey@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Power Distribution Technician	0715050301	9700100	X600100	N/A	New Program
Power Generator Technician	0715050302	9700200	X600200	N/A	New Program
<u>Changes Pending for 2011-2012</u>					
Solar Energy Technology	0715050500	8006100	A600200	N/A	Moved from Agriculture Cluster and content underwent major revision.
<u>Deleted Programs</u>	N/A				
<u>New/Changed Basic Skills Requirements</u>	N/A				

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

**2010-2011 Career Education Program Course Standards
Finance Cluster**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Life and Variable Annuity Pre-licensing	0252170101		F700100		New program added with one course: Life & Variable Annuity Pre-licensing (RMI0070)
Individual Income Tax Preparation	0252160101		F100100		New program added with three (3) courses: Basic Individual Tax Preparation (TAX0090); Intermediate Tax Preparation (TAX0091); Advanced Tax Preparation (TAX0092)
Finance	0208040110	8815100	M804011		New course added: Business in a Global Economy (8815170 & BRC0099)
Finance	0208040110	8815100	M804011		New course added: Managerial Accounting (8815160 & ACO0050)
Personal Financial Planner	02582080401		F100200		New program added with six (6) courses: Estate Planner (BRC0080); Income Tax Planning (BRC0081); Investment Planning (BRC0082); Employee Benefits and Retirement Planning (BRC0083); Principles of Financial and Insurance Planning (BRC0084); Personal Financial Planning (Capstone) (BRC0089)
<u>Changed Programs/Courses</u>					
<u>Changes Pending for 2011-2012</u>					
Teller Operations	0207020500	8815200	M804990		Daggered for deletion in 2011-12 due to low enrollments.
<u>Deleted Programs</u>					
<u>New/Changed Basic Skills Requirements</u>					

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

**2010-2011 Career Education Program Course Standards
Government and Public Administration Cluster**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
N/A					
<u>Changed Programs/Courses</u>					
Geospatial/Geographic Information Systems (GIS) Technology	0507030614	8600200	T860020		Moved to Information Technology Cluster
<u>Changes Pending for 2011-2012</u>					
Public Administration Supervision	0744040101		P440401		Daggered for deletion in 2011-12 due to low enrollment
<u>Deleted Programs</u>					
<u>New/Changed Basic Skills Requirements</u>					

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**2010-2011 Career Education Program Course Standards
Health Science Cluster**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Dental Assisting (New)	0317010107		H170104		<p>This program will be replacing the current Dental Assisting program (H170101) which will be daggered for deletion. In addition, a new OCP B will be added for Dental Sterile Technicians.</p> <p>New program Structure is as follows: HSC0003- Basic Health Care Worker- 90 hours DEA0720- Dental Sterile Tech- 160 hours DEA0721-Dental Assisting 1 of 3 – 215 hours DEA0722-Dental Assisting 2 of 3- 315 hours DEA0723- Dental Assisting 3 of 3- 450 hours</p>
Dental Assisting Tech and Management ATD (NEW)	0317010108		H170105	0317010109	<p>This program will be replacing the current Dental Assisting tech and Management ATD (H170100) which will be daggered for deletion. In addition, a new OCP B will be added for Dental Sterile Technicians.</p> <p>New program Structure is as follows: HSC0003- Basic Health Care Worker- 90 hours DEA0720- Dental Sterile Tech- 160 hours DEA0721-Dental Assisting 1 of 3 – 215 hours DEA0722-Dental Assisting 2 of 3- 315 hours DEA0723- Dental Assisting 3 of 3- 450 hours</p>
<u>Changed Programs/Courses</u>					
Licensed Practical Nurse	0317060500	8418300	H170605		<p>For the PSAV LPN program, The over all hours will be the same, but the following course hours will be changing.</p> <ul style="list-style-type: none"> • PRN0091= 285 hours • PRN0092=450 hours (course lengthened to give students the proper time to complete the MED/SURG portion of the course.) • The two courses PRN0093 and PRN0095 have been combined and are now PRN0096 for 450 hours.
Physician Assistant (AAS/AS)	0317.050800- AAS/1317.0508				Changed appropriate accrediting agency from CAAHEP to Accreditation Review Commission on Education for the

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
	00-AS				Physician Assistant.
Pharmacy Technician PSAV/ATD	0317.050700 /0317.050704		H170507 /H17060 6	0317.050703	This program must be approved by the Board of Pharmacy (465.014 F.S.). It is required that program completers take the licensure examination of the National Association of Boards of Pharmacy or a similar National recognized examination (465.0075 F.S.). Applicants must also register with the Board of Pharmacy (465.014 F.S.).
First Responder (Secondary)	0317.020502	8417170			In order for students to take the NREMT003 First Responder exam the program must be approved by the National Registry for Emergency Medical Technicians. To receive approval from NREMT each program must be "authorized" by the Bureau of Emergency Medical Services by completing the instructor qualifications form required by Bureau of EMS.
Dental Aide (Secondary)	0317010103	8417140			OCP B is no longer linked to the Dental Assistant (soc code of 31-9091). It will now be linked to Dental Sterile Technician (Soc code 31-9099)
<u>Deleted Programs</u>					
Hospital Housekeeping Supervisor	0317.059901		H170599		This program was daggered in 2009-10 CCD for deletion.
<u>New/Changed Basic Skills Requirements</u>					
Surgical Technology	0317.021100		H170211		The Certified Surgical Technologist (CST) exam from the National Board of Surgical Technologists and Surgical Assisting will be included on the Basic Skills Licensure Exemption List for 2010-2011.
<u>Changes Pending for 2011-2012</u>					
Dental Assisting	0317010100		H170101		Daggered for Deletion in 2011-2012 because it is being replaced by the Dental Assisting (NEW) H170104.
Dental Assisting Technology and Management-ATD	0317010106		H170100	0317010105	Daggered for Deletion in 2011-2012 because it is being replaced by the Dental Assisting Technology and Management ATD (NEW) H170105.
Dental Assisting (non Accredited)	0317010102		H170102		Daggered for deletion in 2011-2012 due to low enrollment.

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**2010-2011 Career Education Program Course Standards
Hospitality and Tourism Cluster**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
New Programs/Courses					
Culinary Arts	0420040210	8800500			This new secondary program was created to take the place of previous culinary programs (Culinary Operations and Commercial Foods & Culinary Arts) Courses: 8800510 Culinary Arts 1 1 credit 8800520 Culinary Arts 2 1 credit 8800530 Culinary Arts 3 1 credit 8800540 Culinary Arts 4 1 credit
Commercial Foods and Culinary Arts (NEW)	0420040212	N100500			This new 1200 hour PSAV program was created to take the place of previous culinary programs (Culinary Operations and Commercial Foods & Culinary Arts) Courses: HMV0100 Food Preparation OCP A 300 hours HMV0170 Cook-Restaurant OCP B 300 hours HMV0170 Chef/Head Cook OCP C 300 hours HMV0171 Food Service Mgmt OCP D 300 hours
Commercial Work/Diving	0231030105			CCC	New 18 credit hour CCC (under Diving Business & Technology AS/AAS degree (CIP #0231030100))
Fundamentals of Professional Diving	0231030104			CCC	New 18 credit hour CCC (under Diving Business & Technology AS/AAS degree (CIP #0231030100))
Professional Dive Instructor	0231030103			CCC	New 11 credit hour CCC (under Diving Business & Technology AS/AAS degree (CIP #0231030100))
Professional Diving Medical Technician	0231030102			CCC	New 15 credit hour CCC (under Diving Business & Technology AS/AAS degree (CIP #0231030100))
Professional Research Diving	0231030101			CCC	New 11 credit hour CCC (under Diving Business & Technology AS/AAS degree (CIP #0231030100))

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>Changed Programs/Courses</u>					
<u>Deleted Programs</u>					
Culinary Operations	0420040103	8515100	V200403		Program was deleted; new secondary and new post secondary culinary programs were created as replacements (see above – “New Programs”)
Culinary Operations 1	0420040104		N110100		Program was deleted; new post secondary culinary program was created as replacement (see above – “New Programs”)
Culinary Operations 2	0420040105		N110200		Program was deleted; new post secondary culinary program was created as replacement (see above – “New Programs”)
Commercial Foods & Culinary Arts	0620040300	8763000	I200403		Program was deleted; new secondary and new post secondary culinary programs were created as replacements (see above – “New Programs”)
Commercial Foods and Culinary Arts 1	0620040208		N100100		Program was deleted; new post secondary culinary program was created as replacement (see above – “New Programs”)
Commercial Foods and Culinary Arts 2	0620040209		N100200		Program was deleted; new post secondary culinary program was created as replacement (see above – “New Programs”)
Travel Agency Operations	0208110500	8845200	M811050		Program was deleted due to no enrollment
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>Changes Pending for 2011-2012</u>					

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**2010-2011 Career Education Program Course Standards
Human Services Cluster**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Cosmetology(New)	0612040315	8905100	D500100		<p>Due to major program restructuring there will be a new Cosmetology program that will replace the current Cosmetology program (0612040303) which is daggered to be deleted in 2011-2012. OCP A is the only OCP and will be awarded at the completion of the entire program.</p> <p>PSAV: CSP0009: Grooming and Salon Services, Facials and Nails- 225 hours COS0002: Cosmetologist and Hairdresser(1 of 3)-300 hours COS0003: Cosmetologist and Hairdresser(2 of 3)- 300 hours COS0009: Cosmetologist and Hairdresser(3 of 3)-375 hours</p> <p>Secondary: 8757210: Grooming and Salon Services Core 1 - .5 credits 8905120: Cosmetology Nails 2 - .5 credits 8905130: Cosmetology Facials 3 -.5 credits 8905140: Cosmetology 4- 1 credit 8905150: Cosmetology 5- 1 credit 8905160: Cosmetology 6- 1 credit 8905170: Cosmetology 7- 1 credit 8905180: Cosmetology 8- 1 credit 8905190: Cosmetology 9-1.5 credits</p>
<u>Changed Programs/Courses</u>					
Facials Specialty	0612040305	8757400	I120424		<p>Students must complete a total of 100 services within the 260 hours of the program to qualify for the Facials Specialty registration. Please refer to 61G5-22.006 F.A.C. or the framework for the service details.</p>
<u>Deleted Programs</u>					
Parenting	0920010101		C200111		<p>This program has been deleted due to low enrollment.</p>

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>Changes Pending for 2011-2012</u>					
Cosmetology	0612040303	8757200	I120404		This program will be daggered for deletion for 2011-2012 and replaced with the Cosmetology (NEW) 0612040315.
Life Care Services	0420.060200		V200602		This program will be deleted in 2011-2012 due to low enrollment.
Home and Family Management	0920.010100		C200101		This program will be deleted in 2011-2012 due to no enrollment.
Unit treatment and Rehabilitation-ATD	0317.040502		H170408	0317.040501	This program will be deleted in 2011-2012 due to low enrollment.

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2010-2011 Career Education Program Course Standards Information Technology Cluster

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Computer Systems Technology	0647010400	8732100	I470104		<ul style="list-style-type: none"> Program reassigned from the Manufacturing Cluster. Corrected all course titles to reflect Computer Systems Technology versus Computer Electronics Technology
Computer Systems Technology 1	0647010404		J500100		<ul style="list-style-type: none"> Program reassigned from the Manufacturing Cluster.
Computer Systems Technology 2	0647010405		J500200		<ul style="list-style-type: none"> Program reassigned from the Manufacturing Cluster.
<u>Changed Programs/Courses</u>					
<p>In addition to the specific changes noted below, most programs have been reviewed and standards aligned to comply with numbering protocols. Teachers are encouraged to review their respective frameworks as appropriate to ensure congruence with their lesson plans.</p>					
Geospatial/Geographic Information Systems (GIS) Technology	0507030614	8600200	T860020		Moved from Government and Public Administration Cluster
PC Support Services	0507030502	8207340	B070400		<p>The following courses were set to Level 3:</p> <p>PC Support 2 (8207220) PC Support 3 (8207230) PC Support 4 (8207240) PC Support 5 (8207250)</p>
Game, Simulation & Animation Advanced Applications	0507039917	8208400	B082400		<ul style="list-style-type: none"> TV PROD TEC @7 G teacher certification added. Minor correction to course title.
Game, Simulation & Animation Programming	0507039916	8208300	B082300		<ul style="list-style-type: none"> TV PROD TEC @7 G teacher certification added. Minor correction to course titles.
Game, Simulation & Animation Audio/Video Effects	0507039915	8208200	B082200		<ul style="list-style-type: none"> TV PROD TEC @7 G teacher certification added. Minor correction to course titles.
Game, Simulation & Animation Visual Design	0507039914	8208100	B082100		<ul style="list-style-type: none"> TV PROD TEC @7 G teacher certification added. Minor correction to course titles.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Web Design	0507039905	8207500	B070500		The following courses were set to Level 3: Web Design 2 (8207120) Web Design 2 (8207130) Web Design 2 (8207140) Web Design 2 (8207150) Web Design 2 (8207160)
<u>Deleted Programs</u>					
None					
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>Changes Pending for 2011-2012</u>					Details on program review and development are listed on the Next Generation Occupational Standards web page: http://www.fldoe.org/workforce/ngosedu/doc/itWork.doc

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**2010-2011 Career Education Program Course Standards
Law, Public Safety and Service Cluster**

CONTACT: Xenia Bailey, 850-245-0663, Fax – 850-245-9019 xenia.bailey@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Combined CJSTC Law Enforcement and Corrections Basic Dual Certification	0743010707	N/A	P430145	N/A	New
Combined CJSTC Corrections and Law Enforcement Basic Dual Certification	0743010706	N/A	P430155	N/A	New
<u>Changes Pending for 2011-2012</u>					
Fire Fighter	0743.020300	8918100	P430205	N/A	<ul style="list-style-type: none"> • Name Changed from Fire Fighter II to Fire Fighter • Core Hours changed to mirror statute; was 450 now 398 • Three optional OCPs added for a total of 538 hours total if all OCPs completed at the PSAV level.
Fire Safety Inspector	0743.020200	N/A	P430204	N/A	Name changed from Fire Safety Inspector I to Fire Safety Inspector which includes I and II
Fire Investigator	0743.020201	N/A	P430202	N/A	Name changed from Fire Investigator I to Fire Investigator which includes I and II
Fire Officer	0743.020306	N/A	P430206	N/A	Name changed from Fire Officer I to Fire Officer which includes Fire Fighter I, and Fire Officer I and II
Fire Instructor	0743.029900	N/A	P430207	N/A	Name changed from Fire Instructor I to Fire Instructor which includes I, II, and III.
Fire Apparatus Operator		N/A	P430203	N/A	Renamed to Fire Apparatus Operator from Pump Operator—also this course is an optional OCP in the Fire Fighter Cluster
Auxiliary Correctional Officer	0743.01020	N/A	P430112	N/A	Merged multiple courses into Fundamentals of Correctional Auxiliary Officer, CMS First Aid for Criminal Justice Officer, CMS Criminal Justice Firearms, and CMS Criminal Justice Defensive Tactics for a total of 254 Hours.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Auxiliary Law Enforcement Officer	0743.01070	N/A	P43011	N/A	Merged multiple courses into LE Auxiliary Introduction, LE Auxiliary Patrol and Traffic, LE Auxiliary Investigations, Dart Firing Stun Gun, CMS First Aid for Criminal Justice Officers, CMS Criminal Justice Firearms, CMS Criminal Justice Defensive Tactics, and CMS Law Enforcement Vehicle Operations for a total of 319 Hours.
Criminal Justice Operations	0743.01990	8918000	P43019	N/A	Private Security Officer (PSO) is an option for the fourth course which replaces Principles of Public Service. It is <u>not required</u> that PSO be the fourth course an independent study may be instituted or a locally recognized certification.
Deleted Programs					
Special Firesafety Inspector	0743020103		P430201		
New/Changed Basic Skills Requirements					
	N/A				

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

2010-2011 Career Education Program Course Standards Manufacturing Cluster

CONTACT: Eric Owens, 850-245-9015, Fax – 850-245-9019 eric.owens@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Alternative Energy Engineering Technology	0615030204			CCC	New Program
Composite Fabrication and Testing	0615000002			CCC	New Program
<u>Changed Programs/Courses</u>					
Computer Systems Technology	0647010400	8732100	I470104		Moved to the Information Technology career cluster
Computer Systems Technology 1	0647010404	None	J500100		Moved to the Information Technology career cluster
Computer Systems Technology 2	0647010405	None	J500200		Moved to the Information Technology career cluster
Electrical Power Technology	0615030200			AS/AAS	Moved from the Architectural and Construction cluster to the Manufacturing cluster
Industrial Biotechnology	0626061601	8736000			Biotechnology 1 (3027010) and Biotechnology 2 (3027020) have been restructured
<u>Deleted Programs</u>					
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes Pending for 2011-2012</u>					
Commercial Business Machine Maintenance	0647010200	8716000	I470102		Recommended for deletion by NGOS Committee due to low/no enrollment
Engineering Related Technology	0615999900	None	I159999		Recommended for deletion by NGOS Committee due to low/no enrollment
Industrial Foremanship and Supervision	0606200100	None	I062001		Recommended for deletion by NGOS Committee due to low/no enrollment
Industrial Plastics	0648060400	None	I480604		Recommended for deletion by NGOS Committee due to low/no enrollment
Industrial Technology	0615060300	None	I150603		Recommended for deletion by NGOS Committee due to low/no enrollment
Micro Electronics	0615.049902	None	I150499		Recommended for deletion by NGOS Committee due to low/no

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Manufacturing					enrollment
Optical Technology	0615.060600	None	I150606		Recommended for deletion by NGOS Committee due to low/no enrollment
Industrial Electronics	0647010500	None	I470105		Recommended for deletion by NGOS Committee due to low/no enrollment
Instrument Repair	0647040100	None	I470401		Recommended for deletion by NGOS Committee due to low/no enrollment
Mine Safety and Health	0615079901	None	I150799		Recommended for deletion by NGOS Committee due to low/no enrollment
Occupational Safety and Health	0615.070100	None	I150701		Recommended for deletion by NGOS Committee due to low/no enrollment
Electromechanical Technology	0615.040300	None	I150403		Recommended for deletion by NGOS Committee due to low/no enrollment
Electromechanical Technology 1	0615040300	None	J120100		Recommended for deletion by NGOS Committee due to low/no enrollment
Electromechanical Technology 2	0615040304	None	J120200		Recommended for deletion by NGOS Committee due to low/no enrollment

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**2010-2011 Career Education Program Course Standards
Marketing, Sales and Services Cluster**

CONTACT: John Marshall, 850-245-9013, Fax – 850-245-9019 john.marshall@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
Real Estate Sales Associate Post Licensing	0252150101		M200100		New program added with one course: Real Estate Sales Associate Post Licensing (REE0089)
Certified Residential Appraiser	0252150102		M200200		New program added with one course: Real Estate Certified Residential Appraiser (REE0185)
Home Inspector	0246000001		M200300		New program added with one course: Principles of Home Inspection (REE0015)
<u>Changed Programs/Courses</u>					
Marketing, Merchandising and Parts Operations	0208120302	8809100	M812031		Added DIST ED @7 TO CERTIFICATION
Industrial Distribution and Management			M812040		Added 75 hours to program making it a total of 900 hours
<u>Changes Pending for 2011-2012</u>					
Insurance Marketing	0208100100	8836100	M810010		Daggered for deletion in 2011-12
<u>New/Changed Basic Skills Requirements</u>					

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

**2010-2011 Career Education Program Course Standards
Science, Technology, Engineering and Mathematics (STEM) Cluster**

CONTACT: Duane Hume, 850-245-9003, Fax: -- 850-245-9019

duane.hume@fldoe.org

<u>Program/Course Title</u>	<u>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>					
Engineering Technology	0821011700	8607000			Added the ENG TEC 7 G district teacher certification.
Aerospace Technologies	0821011800	8600080			Corrected course titles to reflect Aerospace Technologies versus Aerospace Technology
Advanced Technology Applications	08210200CP	8601900			Program teacher certification changed to ANY VOC OR FIELD COVERAGE with the following caveat: <i>“Since this program serves as a capstone experience for the student, the teacher certification must be appropriate to the student’s STEM program of study and the teacher certifications specified in the respective curriculum framework.”</i>
Work-Based Experience	08210199CP	8601800			Program teacher certification changed to ANY VOC OR FIELD COVERAGE with the following caveat: <i>“Since this program serves as a capstone experience for the student, the teacher certification must be appropriate to the student’s STEM program of study and the teacher certifications specified in the respective curriculum framework.”</i>
<u>Deleted Programs</u>					
None					
<u>New/Changed Basic Skills Requirements</u>					
None					

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>Changes Pending for 2011-2012</u>					Details on development of STEM-related programs are listed on the Next Generation Occupational Standards web pages for the Manufacturing, Agriculture, Health Science, and Transportation career clusters: http://www.fldoe.org/workforce/ngosedu

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

**2010-2011 Career Education Program Course Standards
Transportation, Distribution and Logistics Cluster**

CONTACT: Eric Owens, 850-245-9015, Fax – 850-245-9019 eric.owens@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
<u>Changed Programs/Courses</u>					
Global Logistics and Supply Chain Technology	0652020300	9503100	T300100		Added local teacher certification LOG TECH 7 G
Aviation Maintenance Technology Cluster	0647060700 0647060800	8715100 8715200	I470612 I470622		Aircraft Airframe Mechanics Aircraft Powerplant Mechanics The cluster framework was revised to show the two (2) programs in separate frameworks.
<u>Deleted Programs</u>					
Automotive Machine Shop	0648050301	None	I480513		Recommended for deletion by NGOS Committee due to low/no enrollment
Tractor and Trailer Body Repair and Refinishing	0647060301	None	I470613		Recommended for deletion by NGOS Committee due to low/no enrollment
Basic Maritime Operations	0649030100	None	I490301		Recommended for deletion by NGOS Committee due to low/no enrollment
Autotronics	0647060401	None	I470614		Recommended for deletion by NGOS Committee due to low/no enrollment
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes Pending for 2011-2012</u>					
Autotronics 1	0647060415	None	T630100		Recommended for deletion by NGOS Committee due to low/no enrollment
Autotronics 2	0647060416	None	T630200		Recommended for deletion by NGOS Committee due to low/no enrollment
Recreational Vehicle Service Technology – I470698	0647.069900	None	I470698		Recommended for deletion by NGOS Committee due to low/no enrollment

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

**2010-2011 Career Education Program Course Standards
Related CTE Programs/Courses - DIVERSIFIED EDUCATION**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
<u>Changed Programs/Courses</u>					
<u>Deleted Programs</u>					
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes for 2011-2012</u>					

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

**2010-2011 Career Education Program Course Standards
Related CTE Programs/Courses - Instructional Support Services (Special Needs)**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
<u>Deleted Programs</u>					
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes for 2011-2012</u>					
Vocational Work Evaluation		9001910	S990003		Daggered for deletion in 2011-12 due to low enrollment.
Vocational Education for Students with Disabilities		9001810	S990002		Name Change for 2011-12 to Career Education for Students with Disabilities

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

**2010-2011 Career Education Program Course Standards
Related CTE Programs/Courses – OTHER VOCATIONAL PROGRAMS**

CONTACT: Xenia Bailey, 850-245-0663, Fax – 850-245-9019

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes for 2011-2012</u>					

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

**2010-2011 Career Education Program Course Standards
Related CTE Programs/Courses – CAREER WHEEL**

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<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
<u>New Programs/Courses</u>					
<u>New/Changed Basic Skills Requirements</u>					
<u>Changes for 2011-2012</u>					

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