

2007-2008 Career Education Program Course Standards
Agriscience and Natural Resources Education

CONTACT: Belinda Chason, 850 245-9017, Belinda.Chason@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>					
None					
<u>Changes for 2008-2009</u>					
Turf Equipment					Program is being developed for secondary program to articulate with PSAV programs currently available
Agricultural Biotechnology 2	0103010101	8106850			Designated Level 3 course in 06-07.
Animal Biotechnology 3	0102020100	8106120			Designated Level 3 course in 06-07.
Environmental Resources 3	0103010101	8113010			Designated Level 3 course in 06-07.
Environmental Resources 4	0103010101	8113020			Designated Level 3 course in 06-07.
Plant Biotechnology 3	0102040100	8106510			Designated Level 3 course in 06-07.
<u>Deleted Programs</u>					
Animal Products Processing	0101040200	8109100			Secondary program deleted
<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>

**2007-2008 Career Education Program Course Standards
Business Technology Education**

CONTACT: Diane Villagomez, 850-245-9016, diane.villagomez@fldoe.org

<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					
None					
Changed Programs/Courses					
Business Systems and Technology course		8209020			Name is changed to "Computing for College and Careers."
Web Design Services	0507039905	8207500	B070500		Name is changed to "Web Design."
Administrative Office Technology		8212420			Designated Level 3 course in 06-07.
Specialized Database Applications		8206440			Designated Level 3 course in 06-07.
Specialized Programming		8206430			Designated Level 3 course in 06-07.
AOIT Programming/Database		8207320			Designated Level 3 course in 06-07.
AOIT Technical Support/Networking course		8203051			Designated Level 3 course in 06-07.
AOIT Web/Digital Media		8297369			Designated Level 3 course in 06-07.
Accounting Applications 3		8203330			Designated Level 3 course in 06-07.
Accounting Applications 4		8203340			Designated Level 3 course in 06-07.
Accounting Applications 5		8203350			Designated Level 3 course in 06-07.
Business Computer Programming 5		8206050			Designated Level 3 course in 06-07.
Business Computer Programming 6		8206060			Designated Level 3 course in 06-07.
Business Computer Programming 7		8206070			Designated Level 3 course in 06-07.
Business and Entrepreneurial Principles		8215120			Designated Level 3 course in 06-07.
International Finance and Law		8216120			Designated Level 3 course in 06-07.
Legal Aspects of Business		8212130			Designated Level 3 course in 06-07.
Networking 3, Administration		8207442			Designated Level 3 course in 06-07.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Networking 4, Administration		8207443			Designated Level 3 course in 06-07.
Networking 3, Infrastructure		8207040			Designated Level 3 course in 06-07.
Networking 4, Infrastructure		8207050			Designated Level 3 course in 06-07.
Networking 5		8207060			Designated Level 3 course in 06-07.
Networking 6		8207070			Designated Level 3 course in 06-07.
<u>Deleted Programs</u>					
None					
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>Changes Pending</u>					
Networking 1		8207020			Possible Level 3 designation pending approval.
Networking 2		8207030			Possible Level 3 designation pending approval.
Database Fundamentals		8206410			Possible Level 3 designation pending approval.
Data Control and Functions		8206420			Possible Level 3 designation pending approval.
<u>Changes for 2008-2009</u>					
Business Computer Programming		8206500			Restructuring currently underway to either accommodate a "Gaming" component or create a separate Gaming program.

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

2007-2008 Career and Technical Education Program Course Standards

Diversified Education

CONTACT: Darl Walker 850-245-9013 Darl.Walker@FLDOE.ORG

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
<u>New Programs/Courses</u>				
NONE				
<u>Changed Programs/Courses</u>				
NONE				
<u>New/Changed Basic Skills Requirements</u>				
NONE				

- Cooperative Education Manual has been developed and added to the website below. This manual contains guidelines for workplace programs and training agreements.
- All secondary and postsecondary career and technical program course standards are located on the web at <http://www.firn.edu/doe/dwdframe/index.html>
- All statutory references revised to reflect new school code numbers. Students with disabilities language updated. Standard Occupational Classification (SOC) codes added to frameworks.
- Community College program frameworks are available from <http://www.firn.edu/doe/dwdframe/index.html>

2007-2008 Career Education Program Course Standards

Family and Consumer Sciences Education

CONTACT: Beth Gladden 850-245-9900, Fax – 850-245-9019 Beth.Gladden@fldoe.org

<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					
None					
Changed Programs/Courses					
Career Discovery	04209950EX	8500140			Frameworks have been updated to reflect alignment with high school career pathways and inclusion of competencies related to life skills. Course continues to be daggered for future changes.
Culinary Operations	0420040103	8515100	V200403		Frameworks for Culinary Operations 1, 2, and 3 have been updated to reflect career pathways and industry requirements and standards. Program continues to be daggered – Culinary Operations 4 will be updated and Culinary Operations 5, 6, 7, and 8 will be updated and condensed into two courses. Tentative plan is for six levels of Culinary Operations.
Dietetic Management and Supervision	0420040403		V200434		Program continues to be daggered for major restructuring/updating to meet industry requirements and standards.
Early Childhood Education	0420020210	8503210	V200210		Frameworks were updated during 06-07 to reflect Department of Children and Families (DCF) changes (Chapter 65C-22, Florida Administrative Code). Students who complete the ECE program and meet all requirements will now be awarded a Early Childhood Professional Certificate (ECPC) from DOE. The ECPC replaces the CDAE. Program continues to be daggered to allow for alignment with ongoing DCF revisions/initiatives.
Elderly and Disabled Care Services (now Life Care Services)	0420060200		V200602		Course now has a new name – Life Care Services (CIP number and program number remain the same). Outcomes have been updated.
Environmental Services	0420060110	8524100	V200610		Dagger has been removed – program will remain as is.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Principles of Clothing Construction (now Fabric Construction)	09200111PA	8500380			Course now has a new name – Fabric Construction (CIP number and course number remain the same). Student performance standards now include construction of home décor items.
<u>Deleted Programs</u>					
None					
<u>New/Changed Basic Skills Requirements</u>					
None					
<u>**New Course Designations**</u>					
Culinary Operations 4, 5, 6, 7, 8	0420040103	8515110 8515111 8515112 8515113 8515114			All courses listed were designated Level 3 effective 2006-2007.
Early Childhood Education 4	0420020210	8503214			
Fashion Design Specialist	0420030605	8506430			
Interior Design Specialist	0404050104	8506560			

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

**2007-2008 Career Education Program Course Standards
Health Science Education**

CONTACT: Judith B. Conlin,R.N., State Supervisor, Health Science Education
850-245-9018 Fax- 850 245 9019 Judy.conlin@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>					
Health Occupations Cooperative Education-OJT		8400410	H179999		Title changed to Health Science Education Cooperative -OJT .
Health Occupations Education Directed Study		8400100			Title changed to Health Science Education Directed Study. 2007-2008.
Medical Assisting	0317050300		H170503		Principles of IV Therapy added to framework (35.0609 & 35.0610) to meet accrediting agency requirement. This is theory only and is not to be construed as changing the scope of practice in FS 458.3485.
Health Information Management	0317050600				New accrediting standards added to framework.
Emergency Medical Technician(Basic) ATD	0317020504		W170208	0317020503	“or equivalent” added to BLS statement.
Practical Nursing	0317060500	8418300	H170605		“Implementation of appropriate JCAHO safety standards” added to frameworks.
Nursing Assistant (Long Term Care)	0317060200		H170602		“Implementation of appropriate JCAHO safety standards” added to frameworks. Conflict resolution and knowledge of C.N.A. rules added to framework.
Health Science cluster		179900CL			Awarding of science credit corrected to read “achieved at least 2 OCP’s.”
Medical Laboratory Assisting 3	0317030402	8417201			Designated Level 3 course in 06-07.
Medical Laboratory Assisting 4	0317030402	8417202			Designated Level 3 course in 06-07.
Vision Care Assisting 3	0317070202	8417231			Designated Level 3 course in 06-07.
Vision Care Assisting 4	0317070202	8417232			Designated Level 3 course in 06-07.
Nursing Assistant 3		8417211			Designated Level 3 course in 06-07.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
Patient Care Technician	0317069905		H170694		“Implementation of appropriate JCAHO safety standards” added to frameworks. Conflict resolution and knowledge of C.N.A. rules added to framework.
Nursing Assistant (Acute and Long term Care)		8417210			“Implementation of appropriate JCAHO safety standards” added to frameworks. Conflict resolution and knowledge of C.N.A. rules added to framework.
Home Health Aide (postsecondary)	0317040400		H170604		“Implementation of appropriate JCAHO safety standards” added to frameworks.
Home Health Aide (secondary)		8417190			“Implementation of appropriate JCAHO safety standards” added to frameworks.
Nursing (Associate Degree)	0318110100				“Implementation of appropriate JCAHO safety standards” added to frameworks.
<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>
- Many programs have had optional National Certification Examination information added to the frameworks.
- A new index (Index2) listing programs by the national cluster divisions has been added.
- The statement “Discuss the adverse effects of the use of alcohol, illegal drugs and steroids on the human body.” has been added to the core in all high school career and technical centers and community college frameworks.
- The following courses are Level 3 as of 2006-2007: 8417231-Vision Care Assisting 3;8417232-Vision Care Assisting 4; 8417201 Medical Laboratory Assisting 3; 8417202 Medical Laboratory Assisting 4

**2007-2008 Career and Technical Education Program Courses Standards
Industrial Education**

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

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
<u>New Programs</u>				
Solid Waste Collection Equipment Operator	0649.029900		I490203	New Program
<u>Changed Programs</u>				
Commercial Photography	0648.020400	8772000	I480204	Update to new technology (35mm film to imaging media and black/white film processing made optional)
Electric Line Service and Repair	0646.030300		I460303	Changed hours from 600 to 1500
<u>Deleted Programs</u>				
<u>Changed Basic Skills Requirements</u>				

- All career education program courses standards are located on the web at <http://www.firn.edu/doe/dwdframe>
- **Designated Level 3 course in 06-07:**

8709470	Automotive Service Technology 7
8709480	Automotive Service Technology 8
8709490	Automotive Service Technology 9
8709491	Automotive Service Technology 10
8709492	Automotive Service Technology 11
8709493	Automotive Service Technology 12
8715110	Aviation Maintenance General 1
8715120	Aviation Maintenance General 2
8715130	Aviation Maintenance General 3
8715140	Aviation Maintenance General 4
8732110	Computer Systems Technology 1
8732120	Computer Systems Technology 2

8730020 Electronics 2
8730020 Electronics 3
8730030 Electronics 4
8730040 Electronics 5
8730050 Electronics 6
8730060 Electronics 7
8730070 Electronics 8
8730080 Electronics 9
8730091 Electronics 10
8754040 Machining 4
8754050 Machining 5
8754060 Machining 6
8754070 Machining 7
8754080 Machining 8
8754090 Machining 9
8754091 Machining 10
8754092 Machining 11
8754093 Machining 12
8739040 Printing and Graphic Communications 4
8739050 Printing and Graphic Communications 5
8739060 Printing and Graphic Communications 6
8739070 Printing and Graphic Communications 7
8739080 Printing and Graphic Communications 8
8739090 Printing and Graphic Communications 9
8739091 Printing and Graphic Communications 10
8739092 Printing and Graphic Communications 11
8739093 Printing and Graphic Communications 12
8772130 Television Production 3
8772140 Television Production 4
8772150 Television Production 5
8772160 Television Production 6
8772170 Television Production 7
8772180 Television Production 8
8772190 Television Production 9
8772191 Television Production 10
8772192 Television Production 11

2007-2008 Career Education Program Course Standards
Industrial Education

CONTACT: Mary Crew, 850-245-9899, mary.crew@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>					
Public Works Cadet 4	0615.049903	8744040			Course added to Academy of Public Works program to qualify program as a high school major. New program length now 600 hours or 4 credits.
<u>Changed Programs/Courses</u>					
Academy of Journalism	0609.999900	8771100			Web Design 1 course (8207110) added to Academy of Journalism program to qualify program as a high school major. New program length now 4 credits.
<u>Deleted Programs</u>					
<u>CC 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/dae/dwdframe/index.html>
- New teacher certifications created effective 7/1/06: NAIL TEC @ 7 G, FACIAL TEC @ 7 G

**2007-2008 Career and Technical Education Program Courses Standards
Instructional Support Services**

CONTACT: Jane Silveria, (850) 245-9022, jane.silveria@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
<u>New Programs</u>				
<u>Changed Programs</u>				
No Changes				
<u>Deleted Programs</u>				
<u>Changed Basic Skills Requirements</u>				

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

2007-2008 Career and Technical Education Program Course Standards

Marketing Education

CONTACT: Darl Walker 850-245-9013 Darl.Walker@FLDOE.ORG

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
New Programs/Courses				
Insurance Personal Lines (20-44)	0208100107		M810020	New program in 06-07.
Mortgage Broker	0206170104		M807050	New program in 06-07.
Real Estate Appraiser Trainee	0206170103		M807040	New program in 06-07.
Changed Programs/Courses				
Academy of Finance	0208040110	8815100	M804011	<p>Program restructured during Finance career cluster review:</p> <p>8815150 Financial Computing. Name changed to Finance and Business Technology in 2007-08 and previously approved substitutions will NO LONGER APPLY. (This includes 8209020 Business Systems Technology OR 8200320 Keyboarding and Business Skills AND 8200330 Computer Skills OR 8207310 Introduction to Information Technology).</p> <p>8815140 Financial Accounting is DELETED for 2007-08 and replaced with 8203310 Accounting Applications 1.</p> <p>8815110 Financial Operations. OPTION added to substitute AP Courses for 8815110 Financial Operations : 2102360 AP Microeconomics OR 2102370 AP Macroeconomics OR 2102360 AP Macroeconomics <u>and</u> 2102370 AP Microeconomics</p> <p>NOTE: If substitutions are made, the teacher must have the appropriate Certification for the substituted courses.</p>

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
				8815130 Financial Internship OR 8800410 - Marketing OJT. Increased rigor and relevance. Financial Internship changed from 1 credit to multiple credits but can only be counted 1 time for program completion. 8815120 Financial Planning name changed to Personal Financial Planning.
Deleted Programs/Courses				
None				
New/Changed Basic Skills Requirement				
NONE				
<u>COMMUNITY COLLEGE CHANGES</u>	<u>CIP</u>	<u>TYPE</u>		<u>CHANGE</u>
NONE				

- All secondary and postsecondary career and technical program course standards are located on the web at <http://www.firn.edu/doe/dwdframe/index.html>
- Marketing, Merchandising & Parts Operations and Academy of Finance listing of courses in the Course Code Directory are not in same order as the suggested course sequence in the frameworks. Refer to curriculum framework for correct sequence.
- Cooperative Education Manual has been developed and added to the website <http://www.firn.edu/doe/programs/doc/coopm.doc>. This manual contains guidelines for workplace programs and training agreements.
- Quick Response Training M899993 is included under Marketing Education program area, however, the program is not limited to Marketing. All program areas may use it as needed for responding to emergency business needs in their communities.
- Community College program frameworks are available from <http://www.firn.edu/doe/dwdframe/index.html>
- The following courses were approved as **Level 3** and made a part of the 2006-07 Course Code Directory:
 - Academy of Fashion Marketing**/Fashion Marketing Management – 8806030
 - Academy of Entrepreneurship**/ Business Management and Law - 8812120, **AND** Business Ownership – 8812000
 - Business Ownership**/ Business Ownership – 8812000
 - Academy of Hospitality and Tourism**/Travel & Tourism Marketing and Management – 8845120
 - Academy of Finance**/Financial Operations - 8815110 **AND** (Personal) Financial Planning - 8815120
 - Academy of Sport, Recreation, and Entertainment Marketing**/Sport, Recreation, & Entertainment Marketing Management - 8827430
 - Academy of International Marketing**/International Marketing 3 - 8839130

2007-2008 Career and Technical Education Program Courses Standards
Technology Education

CONTACT: Andy Anderman, (850) 245-9020, andy.anderman@fldoe.org

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
<u>New Programs</u>				
<u>Changed Programs</u>				
Engineering Technology	0821.011700	8607000		Add the following courses:
				8600520 Principles of Engineering
				8600530 Digital Electronics
				8600550 Introduction to Engineering Design
				8600560 Computer Integrated Manufacturing
				8600590 Civil Engineering and Architecture
				8600620 Aerospace Engineering
				8600630 Biotechnical Engineering
				8600650 Engineering Design and Development
Technology Studies	0821.010100	8600100		Add the following courses:
				8600120 Foundations of Technology
				8600130 Impacts of Technology
				8600140 Introduction to Design
				8600150 Technological Issues
				8600160 Engineering Design
<u>Deleted Programs</u>				
<u>Changed Basic Skills Requirements</u>				
<u>Courses changed to Level 3 in 06-07</u>				
Aerospace Technology III	0821011800	8601780		Designated Level 3 course in 06-07.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>Change</u>
Production Technology III	0821011400	8601740		Designated Level 3 course in 06-07.
Engineering Technology III	0821011700	8601770		Designated Level 3 course in 06-07.
Communications Technology III	0821010600	8601030		Designated Level 3 course in 06-07.
Construction Technology III	0821010200	8600730		Designated Level 3 course in 06-07.
Drafting/Illustrative Design Technology III	0821010300	8600830		Designated Level 3 course in 06-07.
Electronics Technology III	0821010400	8600930		Designated Level 3 course in 06-07.
Materials and Processes Technology III	0821010700	8601130		Designated Level 3 course in 06-07.
Power and Energy Technology III	0821010501	8601330		Designated Level 3 course in 06-07.
Transportation Technology III	0821010500	8601230		Designated Level 3 course in 06-07.
Advanced Technology Applications	08210200CP	8601900		Designated Level 3 course in 06-07.

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

2007-2008 Career Education Program Course Standards
Public Service Education

CONTACT: Mary Crew, 850-245-9899, mary.crew@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>					
Principles of Public Service	0743.9997pa	8900310			Secondary course number created to add to Criminal Justice Operations program to qualify as a high school major. New program length is 4 credits.
Teacher Assisting 4	0713.129902	8909040			Secondary course number created to add to Teacher Assisting program to qualify as a high school major. New program length is 4 credits.
Seaport Security Officer	0743.010904		P430110		Minimum 218 hour program – subject to increase. Curriculum framework pending curriculum development.
<u>Changed Programs/Courses</u>					
Criminal Justice Operations	0743.019900	8918000			Secondary course number created for Principles of Public Service (8900310) and added to Criminal Justice Operations to qualify program as a high school major. New secondary program length is 4 credits.
Fire Fighter II	0743.020300	8918100			First Responder 3 (8417171) added to Fire Fighter II secondary program to qualify program as a high school major. New secondary program length is 4 credits.
Land Resources 3	0715.059902	8913030			Designated Level 3 course.
Land Resources 4	0715.059902	8913040			Designated Level 3 course.
Air Quality 3	0715.059903	8914010			Designated Level 3 course.
Water Quality Resources 3	0715.059904	8916010			Designated Level 3 course.
Water Quality Resources 4	0715.059904	8916020			Designated Level 3 course.
Firefighting 3	0743.020300	8918130			Designated Level 3 course.
Criminal Justice Operations 3	0743.019900	8918030			Designated Level 3 course.
<u>Deleted Programs</u>					
Criminal Justice Operations	0743.019900		P430199		Daggered - Deletion pending update of Police Service Aide curriculum framework to 450 hours.

<u>Program/Course Title</u>	<u>CIP Code #</u>	<u>Secondary #</u>	<u>PSAV #</u>	<u>CC Program</u>	<u>Change</u>
CC Programs					
Computer Related Crime Investigation	0743.011200 A.A.S., 1743.011200 A.S.				New AAS/AS programs for 63 hours.
Emergency Administrator and Manager	0744.040103				New CCC for 24 hours within the Emergency Administration and Management AAS/AS degrees.
Homeland Security Emergency Manager	0744.040104				New CCC for 24 hours within the Emergency Administration and Management AAS/AS degrees.
Water Quality Technician	0715.059907				New CCC for 12 hours within the Environmental Science Technology AAS/AS degrees.
Mold Assessment Specialist	0715.059908				New CCC for 16 hours within the Environmental Science Technology AAS/AS degrees.
Mold Remediation Specialist	0715.059909				New CCC for 13 hours within the Environmental Science Technology AAS/AS degrees.
Parks and Leisure Services Technology	0731.010100 A.A.S., 1731.010100 A.S.				New AAS/AS programs for 63 hours.
Security Management and Administration	0743.011201 A.A.S., 1743.011201 A.S.				New AAS/AS programs for 64 hours.
New/Changed Basic Skills Requirements					
Law Enforcement Officer	0743.010700		P430105		TABE requirement removed from framework per 943.17(6), F.S.
Correctional Officer	0743.010200		P430102		TABE requirement removed from framework per 943.17(6), F.S.
Correctional Probation Officer	0743.010202		P430122		TABE requirement removed from framework per 943.17(6), F.S.

- All career education program course standards are located on the web at <http://www.firn.edu/doe/dwdfame/index.html>
- New teacher certification created effective 7/1/06: PUB SAF TE @ 7 G