



**Florida Department of Education:
Division of Career & Adult Education**

Kathryn Frederick

Florida Energy Systems Consortium (FESC)
Florida College Energy Workshop
September 26, 2011

Outline

- Program Review
- Middle School Programs
- Career & Adult Education Website

PROGRAM REVIEW



Program Review

- Florida Law requires programs to be updated at least every 3 years
 - Evolving process
 - Current process:
 - Educators
 - Industry Members (50% minimum)

Examples of Reviews

- Electrical Power Technology
 - Palm Beach State College
 - Miami-Dade College
 - Florida Power & Light
- Civil Engineering Technology
 - Valencia College
 - Advisory Board Members

Reviewed & Updated for 2012-13:

PSAV

- Electrical Line Service & Repair

College

- Electrical Distribution Technology
- Electrical Power Technology

Other (Architecture & Construction)

- Electricity
- Industrial Electricity



To be reviewed next summer:

Secondary / PSAV

- Power Distribution Technician
- Energy Generation Technician
- Solar Energy Technology

PSAV

- Solar Thermal System Design, Installation and Maintenance – Entry Level

MIDDLE SCHOOL PROGRAMS



Middle School Programs:

- Middle school CAPE Academy in school districts' 5-year plan
- Align with at least one high school CAPE Academy in the district
- 6-8th grade courses will be available in all 17 career clusters starting in 2012-13

Middle School Programs:

- 6th Grade – Orientation to Career Clusters
- 7th Grade – Introduction to Energy
- 8th Grade – Fundamentals of Energy

CAREER & ADULT EDUCATION WEBSITE





- Printer Friendly
- Board of Education
- Career and Adult Education**
- College & Beyond
- Commissions, Committees & Task Forces
- Contracts, Grants & Procurement
- Data & Statistics
- Department Info & Services
- Early Learning / Prekindergarten
- Family & Community Outreach
- Finance & Operations
- Florida Colleges
- Media Room
- Meetings / Legal Notices
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- Public Schools / Districts
- Services to Individuals with Disabilities
- Services to Military Families

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Breaking News



Check out Commissioner Robinson's blog!

Did you know, Florida's Education Commissioner, Gerard Robinson is blogging about all sorts of things relating to education in the Sunshine State? From his experiences regarding his "Look, Listen and Learn" tour, to his new motto for the Department of Education, Commissioner Robinson wants to keep you informed of his thoughts, ideas and insights on the educational process in Florida. Check back regularly to read and comment on his latest posts and to get informative details from guest bloggers on a variety of important topics affecting education stakeholders throughout the state.

- [Commissioner Robinson's Blog](#)
- [Contact Commissioner Robinson](#)

In The Know

- [Statement By Education Commissioner Gerard Robinson Regarding new members of DOE's executive management team](#)
- [Rule Development Workshop Relating to 6A-6 rules and English Language Learners](#)

[Governor Rick Scott](#)

[Commissioner Gerard Robinson](#)

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FY 2011-2012
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**Report Waste,
Fraud, and Abuse**
Governor's Chief Inspector General



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About Us

Workforce Education is designed to meet the needs of our customers, which include students, business and industry, school districts, community colleges, community-based organizations, and correctional institutions. This area represents a significant collaboration and partnership across both private and public sectors throughout the state of Florida to improve Florida's workforce.

News & Current Events

The Weekly Web Update is sent out each Friday, as needed, to keep you informed of recent or planned updates and additions to the Career and Adult Education Web pages.

- [Weekly Web Update – September 2, 2011](#) (PDF, 108KB)
 - [August 26th](#) (PDF, 117KB)
 - [August 19th](#) (PDF, 110KB)
 - [August 12th](#) (PDF, 104KB)
 - [August 5th](#) (PDF, 101KB)

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Technical Assistance Papers
Veteran Diploma Program

Curriculum Frameworks

The Division of Career and Adult Education publishes the curriculum frameworks aligned to the Career Clusters delineated by the U.S. Department of Education. The Career Cluster frameworks pages also contain links to Community College AS/AAS and CCC frameworks. To determine in which cluster a particular program is assigned, you may view an alphabetical list of all [Secondary/PSAV CTE programs](#) (RTF, 1MB) or [AS/AAS/CCC programs](#) (RTF, 912KB).

Academic Year 2011/2012 Curriculum Frameworks By Career Cluster

The curriculum frameworks in the following career clusters have been approved by the State Board of Education and are considered final for the 2011/2012 school year.

- [Agriculture, Food & Natural Resources](#)
- [Architecture & Construction](#)
- [Arts, A/V Technology & Communication](#)
- [Business, Management & Administration](#)
- [Education & Training](#)
- [Energy](#)
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- [Hospitality & Tourism](#)
- [Human Services](#)
- [Information Technology](#)
- [Law, Public Safety & Security](#)
- [Manufacturing](#)
- [Marketing, Sales & Service](#)
- [Science, Technology, Engineering & Mathematics \(STEM\)](#)
- [Transportation, Distribution & Logistics](#)
- [Additional CTE Programs/Courses](#)
 - Diversified Education
 - Instructional Support Services (Special Needs)
 - Other Vocational Programs
 - M/J Exploratory Career Education Wheel



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2011-12 Energy Career Cluster Curriculum Frameworks

For more information about these curriculum frameworks please contact [Kathryn Frederick](#), Supervisor for the Energy Cluster at (850) 245-9016.

Secondary and PSAV Programs/Courses

Essential Skills have been integrated into most of these programs and are identified with special codes. [Additional information and links to instructional resources to support Florida's Essential Skills.](#)

- [Power Distribution Technician \(9700100 / X600100\)](#) (RTF, 647KB)
- [Energy Generation Technician \(9700200 / X600200\)](#) (RTF, 652KB)
- [Energy Technician \(9700300 / X600600\)](#) (RTF, 742KB) **New**
- [Solar Energy Technology \(8006100 / A600200\)](#) (RTF, 698KB)
- [Turbine Generator Maintenance, Inspection and Repair \(9700500 - X600500\)](#) (RTF, 584KB) **New**

PSAV Programs Only

- [Electrical Line Service and Repair \(PSAV - I460303\)](#) (RTF, 325KB)
- [Solar Thermal System Design, Installation and Maintenance – Entry Level \(PSAV - X600300\)](#) (RTF, 427KB)
- [Solar Photovoltaic System Design, Installation and Maintenance – Entry Level \(PSAV - X600400\)](#) (RTF, 398KB) **New**

Degree & Certificate Programs/Courses

- [Electrical Distribution Technology \(AAS/AS - 0615030201\)](#) (RTF, 308KB)
 - [Electrical Dist Technology Advanced \(CCC - 0615030202\)](#) (RTF, 304KB)
 - [Electrical Dist Technology Basic \(CCC - 0615030203\)](#) (RTF, 257KB)
- [Electrical Power Technology \(AAS/AS - 0615030200\)](#) (RTF, 320KB)
 - [Alternative Energy Engineering Technology \(CCC - 0615030204\)](#) (RTF, 220KB)

Supplemental Programs

Secondary Programs

Revised: 11/1/2010

2011 - 2012

Florida Department of Education
Curriculum Framework

Program Title: Electrical Power Technology
Career Cluster: Energy

	AS	AAS
CIP Number	1615030200	0615030200
Program Type	College Credit	College Credit
Standard Length	68 Credit Hours	68 Credit Hours
CTSO	SkillsUSA	SkillsUSA
SOC Codes (all applicable)	49-2095	49-2095
Targeted Occupation List	http://www.labormarketinfo.com/wec/TargetOccupationList.htm	
Perkins Technical Skill Attainment Inventory	http://www.fldoe.org/workforce/perkins/perkins_resources.asp	

Purpose

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- [Additional CTE Programs/Courses](#)
 - Diversified Education
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Related Documents

- [Alphabetical List of 2011-12 Secondary/PSAV Programs](#) (RTF, 1MB)
- [Alphabetical List of 2011-12 AS/AAS/CCC Programs](#) (RTF, 912KB)
- [Apprenticeship Numbers](#) (PDF, 233KB)
- [Articulation Agreements - Statewide](#)
- [Basic Skills Document](#) (RTF, 2MB)
- [Basic Skills Licensure Exemption List](#) (RTF, 223KB)
- [CC and Tech Center MIS Reporting & Non-traditional Codes](#)
- ★ [Change Document - CTE 2011-12](#) (RTF, 1MB)
- ★ [Change Document - CTE 2010-11](#) (RTF, 1MB)
- [Course Code Directory](#)
- [COE Matrix](#) (Excel, 1MB)
- [Cooperative Education Manual](#) (Word, 3MB)
- [2011-12 CTE - PSAV Dual Enrollment Equivalency Table](#) (PDF, 86KB)
- [Curriculum Framework Statutory Reference](#)
- [CTE Essential Skills](#)
- [CTE Course Level 3 Rubric](#) (PDF, 21KB) **New**
- [Florida Standards & Benchmarks Design Guide](#) (RTF, 270KB)
- ★ [New Program Request Form](#) (RTF, 274KB)
- [2010-2011 Practical Arts CTE Courses](#) (PDF, 102KB) **New**
- [Program Length Document \(CC\)](#) (Excel, 118KB)
- [Program Length Document \(PSAV\)](#) (Excel, 186KB)
- [2010-2011 SCNS Matrix](#) (Excel, 400KB)
- [2011-2012 SCNS Matrix](#) (Excel, 280KB)
- [State CTE Plan for Youth in Juvenile Commitment](#)
- Differentiated Accountability Intervene Process Tools
 - [Classroom Visitation Checklist](#) (PDF, 43KB)
 - [Classroom Behaviors Worksheet](#) (PDF, 25KB)
 - [CTE Program Evaluation](#) (PDF, 104KB)
 - [Program Evaluation Pre-Visit Resources](#) (PDF, 21KB)

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