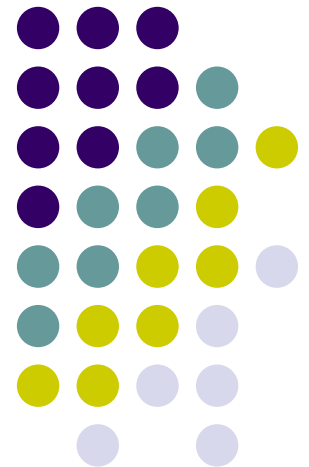


# Career and Adult Education – A New Direction

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New Teacher Workshop  
K-12 Initiatives  
August 4, 2009



# Carl D. Perkins Career and Technical Education Act of 2006



Major Themes in the law include:

An integrated academic and career and technical education performance accountability system that requires continuous student and program improvement,

Stronger academic and technical integration,

Connections between secondary and postsecondary education systems, and

Close association with business and industry.

# New Direction for Career and Technical Education



Career preparation and technical skills training that leads to college AND a career

Emphasis on “academic and technical” preparation, rather than on “job” preparation

Increased emphasis on achievement of a degree, certificate or credential

# Goal of Secondary Education



A standard high school diploma,

The highest available industry certification(s),

A clear pathway to postsecondary education,  
preferably having already earned  
postsecondary credit, and

A Ready to Work Credential

# A New Direction for Career and Adult Education



Curriculum Revision

Alternative Credit Pilot

Professional Development

Professional Development Institute (PDI)

Industry Certifications

CATER/FOR-PD

Career Academies/Career and Professional Academies (CAPE)

Registration of CAPE Academies

Bonus FTE

# Curriculum Revision



Alignment of Workforce Education programs and skill requirements of the new economy

Development of the curriculum frameworks for career and technical education

Programs are organized into 16 clusters

**“What a student needs to know and be able to do”**

# Curriculum Revision Process



Steering committee formed –

**DOE, FACTE, FL Chamber of commerce, Enterprise Florida, Banner Centers, Workforce Florida, Community Colleges, Superintendent of Schools, Florida Trend Magazine, Agency for Work Force Innovation, Office of Tourism, Trade and Economic Development**

Working Groups formed - 7/22/08 at FACTE

**Secondary sector, Postsecondary sector, Community College sector, Regional Workforce Board, Banner Center, Local/Regional Economic Development Organization, Professional Trade organizations, Regulatory agencies, DWE Cluster State Supervisor**

Identify Emerging Occupations, Develop 3-year program of Work, determine strategies, Review and approve final product

Individual Program committees

**Faculty, Local businesses, Local Advisory Committees**



# Practical Arts Courses

High School Graduation requirement  
Section 1003.428(2)(a)5, F.S.

Currently 215 Courses incorporate **artistic content** and techniques of **creativity, interpretation, and imagination**

<http://www.fldoe.org/schools/pdf/ListPracticalArtsCourses.pdf>

# Alternative Credit Pilot



Section 1002.375, F.S.—Allows the opportunity for students enrolled in Career and Technical Education (CTE) programs that result in the earning of a nationally or state-recognized industry certification to be awarded credit for courses in which a student is not enrolled, but for which the student may earn academic credit

Eligible alternative credit courses include: Algebra 1a, Algebra 1b, Algebra 1, Geometry, and Biology

Alternative credits shall be awarded by enrolling in a CTE course or sequence of courses of which the majority of the standards-based content in the course description is consistent with the alternative credit course description approved by the FLDOE and the passing with a minimum passing score (70%) and an end-of-course exam approved by the FLDOE

Current courses—Introduction to Engineering Design, Engineering Technology

Memorandum DPS: 2009-143

# SB 1908 Public School Curricular Standards (Amends 1004.99, F.S.)



## Ready to Work Credential

SB 1908 Requires the Ready to Work credential to be awarded to a student who passes three identified assessments (Reading for Information, Applied Mathematics, and Locating Information ) or their equivalents.

Defines passing scores required to earn a credential at the:

Bronze level (3 or above)

Silver-level (4 or above)

Gold-level (5 or above)

# Professional Development Opportunities



## **Professional Development Institute (PDI)**

Mini grants to secondary and postsecondary CTE teachers who wish to review training and/or testing for state approved industry certifications.

<http://www.fldoe.org/workforce/profdev.asp>

## **Southern Regional Education Board (SREB) Partnership**

Training on the process of embedding mathematics and/or science into CTE studies. Participants work together in teams of mathematics/science and CTE teachers to plan integrated project-based units and lessons with authentic student assignments. (June 2009)

# Professional Development with Just Read, Florida!



## Florida Online Reading Professional Development (FOR-PD)

FOR-PD is an online staff development project designed to provide reading intervention through CTE classrooms

Will begin CTE teacher cohort on 9/28/09

14 weeks—receive \$250.00 upon completion

Districts have option to train with Content Area Reading Professional Development (CAR-PD) to provide reading intervention for fluent students scoring at Level 2 on FCAT

<http://forpd.ucf.edu/>

# Professional Development with Just Read, Florida!



## Career and Technical Education Reading (CATER)

Expand CATER Pilot reading intervention program for high school career and technical educators to provide reading intervention for fluent Level 1 and Level 2 students using their course content

Concentrated training—summer 2010

Participants receive competencies 3, 4, and 5 of the reading endorsement through summer training and competency 6 during the course of the next school year

Based on Reading Instruction through Strategy Enhancement (RISE)

Stipend provided and classroom materials

# CAREER ACADEMIES: State Appropriation and Legislation



1993-2001—Appropriation for 38 career academies

Grants awarded for 3-year cycle

Planning year, 1<sup>st</sup> Year of Implementation, 2<sup>nd</sup> Year of Implementation

400+ funded with local/district monies

2005-2006

SUCCEED, Florida! Career Paths

\$6,000,000

39 projects

2006-2007

SUCCEED, Florida! Career Paths

\$7,426,764

HB 7087—An Act Relating to Education—”A++”

2007-2008

SUCCEED, Florida! Career Paths

\$5,550,927 (appropriated)

SB 1232 Florida Career and Professional Education (CAPE) Act

# Career Academies



“School within a school”

Limited, voluntary enrollment

Family-like atmosphere

Administrator and counselor support

Team of teacher-managers

Common planning time for teachers

Other courses and activities outside the academy

# Career-Related Curriculum



Contextual, applied, integrated curriculum

Broadly defined career classes

Work-based learning activities

College and career planning

Articulated Programs of Study

College entrance academic classes

# Partnerships with Employer, Community, and Higher Education



Steering committee to govern academy

Active, meaningful role

Parental involvement, support

Business and community speakers, role models

Field trips, job shadowing

Mentor program

Workplace internships, community service

Articulation with postsecondary education

# Section 1003.492, F.S. (2007 SB1232)

## The Career and Professional Education Act

### CAPE



#### Career Academy Definition

A research-based program that integrates a rigorous academic curriculum with an industry-specific curriculum aligned directly to priority workforce needs established by the regional workforce board.

A career and professional academy may be offered as one of the following small learning communities:

A school-within-a-school career academy, as part of an existing high school, that provides courses in one occupational cluster. Students in the high school are not required to be students in the academy; OR

A total school configuration providing multiple academies, each structured around an occupational cluster. Every student in the school is in an academy.

# Career and Professional Academy/CAPE Requirements



Provide a rigorous standards-based academic curriculum integrated with a career curriculum, including offering applied courses that combine academic content with technical skills.

Promote and provide opportunities for career and professional academy students to attain at a minimum the Florida Gold Seal Vocational Scholars award.

Provide instruction in careers designated as high-growth, high demand, and high pay by the local workforce development board, the chamber of commerce or the Agency for Workforce Innovation.

# Career and Professional Academy/ CAPE Requirements (continued)



Provide instruction resulting in competency, certification, or credentials in workplace skills, including communication skills, interpersonal skills, decision-making skills, attendance, and work ethic.

Provide opportunities for students to obtain the Florida Ready to work Credential.

Include one or more partnerships with postsecondary institutions, businesses, industry, employers, economic development organizations or other appropriate partners.

Provide personalized student advisement, including parent-participation.

# Lessons Learned-Barriers to Implementation



School scheduling

Teacher Collaboration

Writing interdisciplinary units for the academy courses of study

Barriers for scheduling common planning time

Up-grading school building technology

Scheduling Internships and work-based experiences

Need release time for “lead teacher” or academy coordinator

clinical experiences for health students are time consuming and often difficult to arrange

# Conditions for Bonus FTE Funding



School districts may report a student for bonus .3 FTE funding under the following conditions:

Student is enrolled in a registered career and professional academy.

Student completes a certification on the “Industry Certification Funding List.”

<http://www.fldoe.org/workforce/fcpea/pdf/0910prelimfundlist.pdf>

# Conditions for Bonus FTE Funding (Continued)



An industry certification may only be reported once per student for funding.

A maximum of one certification per student may be reported for a course.

School districts may report students who complete industry certifications during the update period allowed by DOE for survey 5 after an initial submission. (2/2010)

# Registration of Career and Professional (CAP) Academies



DOE will maintain a website for school districts to register career and professional academies that meet the requirements of s. 1003.493, F.S.

<http://www.fldoe.org/workforce/fcpea/default.asp>

The reporting window will be available from July to September 15, annually.

# Registration of Career and Professional Academies



Academies must be registered by September 15 of the reporting year for their students to be eligible to generate bonus funding based on the completion of industry certifications (e.g. 2009-10 academies must be registered by September 15, 2009; bonus funding will be received in 2010-11 fiscal year).

# Trends—National and State



Accountability

Industry Certified programs

Career Academies

Student and teacher certifications

Nontraditional programs

All students



# What should I do?

Be familiar with new Math and Science Standards:  
<http://www.floridastandards.org/index.aspx>

Implement them into your lessons whenever possible

Visit Division Web site often:

<http://www.fldoe.org/workforce/>

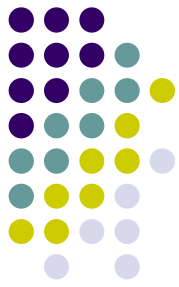
CTE Frameworks:

<http://www.fldoe.org/workforce/dwdframe/>

Use FCAT Connection projects –

<http://www.career-connection.org/>

Join FACTE



# Contact information

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