



Industry Certifications and Career & Professional Academies

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Purposes for Reporting Industry Certifications

- Florida Career and Professional Education Act (aka CAPE Act)
- School Grades
 - Industry Certifications from the Industry Certification Funding List count in the High School Grade calculation as part of the accelerated coursework.
- Carl D. Perkins Career and Technical Education Act
 - Technical Skill Attainment Requirements

“The Lists”

- Comprehensive Industry Certification List
- Industry Certification Funding List
- Perkins IV Technical Skill Attainment Inventory (Secondary Programs)

Comprehensive Industry Certification List

- Agency for Workforce Innovation (AWI) creates and maintains comprehensive list of highest and best industry-recognized certifications.
- Must be approved by Workforce Florida, Inc.
- Includes certifications that may not be earned by students at the secondary level, although the student may take introductory coursework leading to the certification
- Additional industry certifications may be recommended to the Agency for Workforce Innovation or Workforce Florida, Inc. by regional workforce boards and career and professional academies.
- Serves as the basis for the annual “Industry Certification Funding List”

Timeline for Comprehensive Industry Certification List

Time Frame	Activity for 2012-13 Comprehensive List
August 2011 – September 2011	WFI opens a submission of requests to the 2012-13 comprehensive List
October – November 2011	WFI,AWI and DOE staff conduct research on submissions received by WFI
December 2011 – January 2012	WFI,AWI, and DOE finalize their recommendations to the State Workforce Board
February 2012	The State Workforce Board adopts the 2012-13 Comprehensive Industry Certification List
March 1, 2012	WFI posts the final 2012-13 Comprehensive Industry Certification List

Industry Certification Funding List

- Created by the Division of Career and Adult Education
- Approved by the State Board of Education each year
- For inclusion:
 - The certification shall be on the “Comprehensive Industry Certification List.”
 - The certification shall be achievable by secondary students.
 - The certification shall require a minimum of 150 hours of instruction.
 - The certification shall have been offered for at least one year in a school district. (This requirement may be waived by the Commissioner of Education.)

Timeline for Industry Certification Funding List

Time Frame	Activity for 2012-13 Funding List
March 1, 2012	WFI posts the final 2012-13 Comprehensive Industry Certification List
March 5, 2012	DOE distributes a preliminary 2012-13 Industry Certification Funding List
March 5, 2012 to April 1, 2012	DOE has an open submission window during which districts may submit requests for additions to the funding list.
April 1 to May 15, 2012	DOE staff review the requests to confirm that all of the required criteria are met.
Summer 2012	State Board of Education adopts the 2012-13 Industry Certification Funding List

Key Florida Statutes for Career and Professional Academies

- s. 1011.62(1)(o) – Calculation of additional full-time equivalence membership based on certification of successful completion of industry-certified career and professional academy pursuant to s. 1003.492
 - Student eligibility for additional FTE is based on the following:
 - Enrollment in a registered career and professional academy
 - Completion of a certification on the approved list
 - Receipt of standard high school diploma
 - Students earning certification through dual enrollment are not eligible for the additional FTE calculation.
 - **NEW** – Each certification was weighted in 0.3 in the original legislation; now each certification will be weighted 0.1, 0.2, or 0.3.

2011 Legislative Changes

- Statutory changes to the CAPE Act were included in the following bills:
- SB2120 – Chapter 2011-55, Laws of Florida
- http://laws.flrules.org/files/Ch_2011-055.pdf
- HB1255
- <http://www.flsenate.gov/Session/Bill/2011/1255/BillText/er/PDF>

2011 Legislative Changes- Middle Schools

- Middle schools (s. 1003.4935, F.S.)
 - Creation of middle school career and professional academies
 - Inclusion of industry certifications earned in middle school in the school grades calculation
 - Inclusion of industry certifications earned in middle school in the FEFP calculation when the student graduates
 - Required components differ from high school career and professional academies

2011 Legislative Changes- Performance

- Academies
 - Performance criteria was changed
 - An element was removed from the required components
 - One element was changed – requirement for the Ready to Work credential was removed, replaced with requirement to include a plan to sustain career and professional academies

Performance Criteria

- The performance criteria was changed in 2011 legislation (HB1255)
- *If the passage rate on an industry certification examination that is associated with the career and professional academy falls below 50 percent, the academy must discontinue enrollment of new students the following school year and each year thereafter until such time as the passage rate is above 50 percent or the academy is discontinued.*
- Data reporting change- Career and Professional Academy identifier will need to be included when reporting a certification attempt/earned

2011 Legislative Changes- Weights

- Require SBE to adopt weights for each industry certification
 - Three weights: 0.1, 0.2, or 0.3
 - Criteria must be based 50 percent on rigor and 50 percent on employment value
 - Rigor = number of instructional hours, plus work experience hours, with bonus for certifications with a statewide articulation agreement
 - Employment Value = average annual openings, growth rate, and entry wage for the primary occupation linked to the certification
 - Calculation will be specified in the SBE rule for the industry certification process

2011 Legislative Changes- Weights

Indicator	Maximum Value	Description
Instructional Hours (TOTAL)	3.0	Includes classroom instructional hours and work experience hours 150 to 300 hours = 0.5 points 301 to 450 hours = 1.0 points 451 to 600 hours = 1.5 points 601 to 750 hours = 2.0 points 751 to 900 hours = 2.5 points 901 or more hours = 3.0 points
Statewide Articulation Agreements	0.5, if instructional hours value 2.5 or less	Based on SBE approved agreements http://www.fldoe.org/workforce/dwdframe/artic_indcert2aas.asp
Growth Rate	1.0	Based on primary occupational linkage made by Agency for Workforce Innovation At or below the 25th percentile = 0.25 points Greater than the 25th and below or equal to 50th percentile = 0.50 points Greater than the 50th percentile and below or equal to the 75th percentile = 0.75 points Above the 75th percentile = 1.0 points
Entry Wage	1.0	See growth rate info
Average Annual Openings	1.0	See growth rate info
TOTAL	6.0 (Maximum Points)	Total points are divided by six and rounded to two decimal places Total value up to 0.47 = weight of 0.1 Total value of 0.48 to 0.74 = weight of 0.2 Total value of 0.75 to 1.0 = weight of 0.3

State Board Rule - 6A-6.0573

- Will be revised in September 2011 to conform with new statutory requirements
- Including the formula for the calculation of weights for each industry certification

Registration of Career and Professional 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.
- For 2012-13, this registration will include middle school career academies in a separate reporting window.

Registration of Career and Professional Academies

- Superintendents must certify that each academy meets all of the requirements of s. 1003.493, F.S.
- Eligibility for funding is limited to academies registered with the DOE under s. 1011.62(1)(o), F.S.
- Registration process creates a 3-digit identifier for the academy
 - This identifier is used to identify students enrolled in the academy and reported in Surveys 2, 3, and 5

Data Reporting Cycle 2011-12

Survey	
Survey 2, October 2011	Report students enrolled in career and professional academies <i>Career and Professional Academy Identifier</i>
Survey 3, February 2012	Report students enrolled in career and professional academies <i>Career and Professional Academy Identifier</i>
Survey 5, August 2012 to February 2013*	Report students enrolled in career and professional academies (Two formats: Federal/State Indicator & CTE Student Course) <i>Career and Professional Academy Identifier</i> Report industry certifications earned and attempted <i>Industry Certification Identifier</i> <i>Industry Certification Outcome</i>

Middle School Academies begin reporting

* The CAPE report and the calculation of school grades is based on data reported on Survey 5 as of October 2012 .

CAPE Academy Trends

Indicator	2007-08	2008-09	2009-10
Academies Registered	246	490	838
Students Enrolled	19,868	53,324	102,430
Percent HS Population	2.2%	6.5%	12.0%
CAPE Students Earning Industry Certifications	803	1,855	8,629

* Source: 2009-10 Career and Professional Academy Enrollment and Performance Report

Top Ten CAPE Academy Career Clusters, 2010-11

Primary Career Cluster	Number of Academies
Information Technology	218
Health Science	180
Hospitality & Tourism	161
Arts, A/V Technology & Communication	126
Business Management and Administrative	106
Architecture & Construction	102
Science, Technology, Engineering & Mathematics	95
Agriculture, Food, and Natural Resources	82
Transportation, Distribution & Logistics	67
Education & Training	56

* Source: 2009-10 Career and Professional Academy Enrollment and Performance Report

2009-10 CAPE Performance Data

Performance Indicator	Non-CAPE	CAPE, No Certification	CAPE + Certification
Average GPA	2.56	2.60	3.00
Chronically Absent	16.7%	19.7%	11.4%
At Least One Disciplinary Action	21.3%	20.8%	11.0%
Dropout Rate	2.2%	1.2%	0.2%
12th Graders Earning Standard Diploma	78.6%	88.3%	97.4%
At Least One Accelerated Course	22.2%	22.0%	32.9%
Bright Futures Eligible Seniors	27.9%	25.9%	43.7%

* Source: 2009-10 Career and Professional Academy Enrollment and Performance Report

Initial Outcomes Among 2008-09 CAPE Graduates

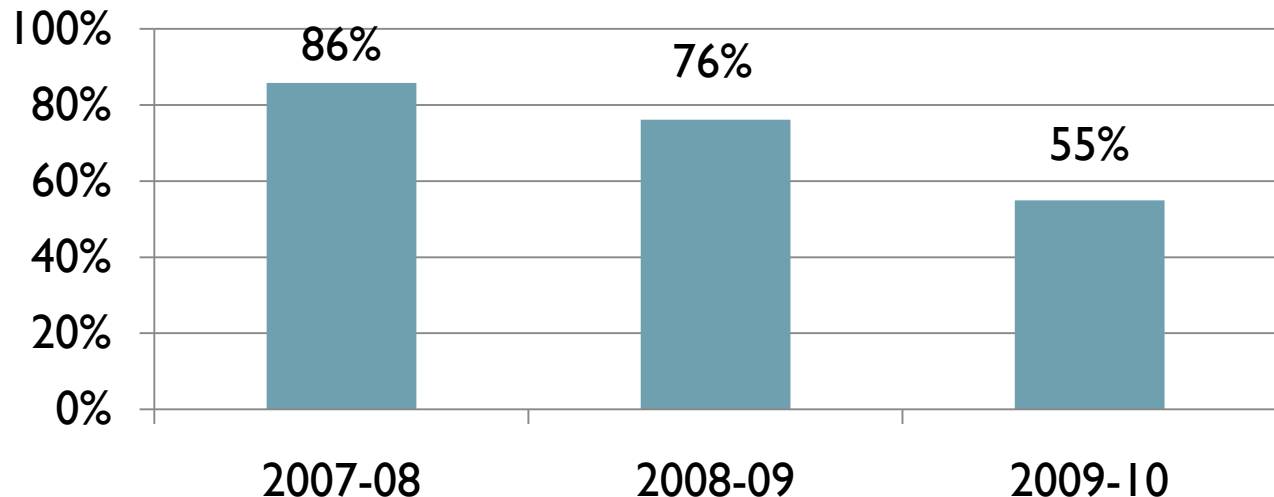
Outcome	Non-CAPE Graduates	CAPE Graduates
Postsecondary Education	68%	68%
Found Employed	43%	46%

* Source: 2009-10 Career and Professional Academy Enrollment and Performance Report

Industry Certification Data

- 16,408 industry certifications earned out of 29,906 attempts in 2009-10
- Pass rate has declined since first year of policy implementation (2007-08)

Pass Rate



*Source: 2009-10 Career and Professional Academy Enrollment and Performance Report

Includes certifications earned by all secondary students

Top Ten Reported Earned Certifications, 2009-10

Certification Title	Number Earned
Adobe Certified Associate (Photoshop)	6,435
Adobe Certified Associate (Dreamweaver)	2,996
Certified Nursing Assistant (CNA)	1,307
Microsoft MCAS Bundle Certification	915
Certified Medical Administrative Assistant	717
Adobe Certified Associate (Flash)	688
NCCER Carpentry Fundamentals - Level I	572
National ProStart Certificate of Achieve	429
Autodesk Certified Associate - AutoCAD	275
Certified EKG Technician (CET)	186
CompTIA A+	186

* Source: 2009-10 Career and Professional Academy Enrollment and Performance Report

Includes certifications earned by all secondary students

Data Reports Available to Districts

- F71102 - Provides a list of students who were included in the calculation for the industry certification add-on FTE (s. 1011.62(1)(o), F.S.
- This report is run for the 3rd and 4th FEFP calculation

Data Reports Available to Districts

Report No	Content
F71015	Career and Professional Academies Enrollment
F71016	Industry Certification by Academy, Grade, and School
F71017	Industry Certification Eligible for CAPE
F71018	Career and Professional Academy Membership
F71081	Career and Professional Academy Enrollment by Grade
F71082	Industry Certification by Academy and Grade
F71166	Perkins Eligible Industry Certification (includes non-CAPE exams)
F71171	CAPE Industry Certification by School and Grade

Data Validation

- The Division of Career and Adult Education sends academy enrollment and industry certifications reports to districts at the end of each Survey period to ensure that program staff are aware of the information that has been reported

Web Resources

- **DOE Website – CAPE Act**

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

- Industry Certification Funding Lists and Career and Professional Academy registration site are available here.

- **Agency for Workforce Innovation - Comprehensive Industry Certification List**

<http://www.floridajobs.org/CAPE/cape.html>

- Comprehensive Industry Certification List is available here.

- **Carl D. Perkins Technical Skill Attainment Inventories**

http://www.fldoe.org/workforce/perkins/perkins_resources.asp

- See Header for Secondary and Postsecondary Technical Skill Attainment Inventory
- This information is also posted in Appendix Z

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- Technical Assistance Paper: Florida Career and Professional Education Act

<http://www.fldoe.org/workforce/pdf/CAPE-Act-TechAssist.pdf>

- Statewide Memorandum on Industry Certification Data Reporting

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

- 6A-6.0573, F.A.C.-- Industry Certification Process

<https://www.flrules.org/gateway/readFile.asp?sid=0&tid=7490357&type=I&file=6A-6.0573.doc>

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