



CAPE Industry Certification

Kathryn Wheeler

May 16, 2019



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

www.FLDOE.org

Topics

- The purpose of CAPE
- The CAPE List
- Career-Themed Courses
- Teacher Requirements
- Test Administration
- Funding
- How to Spend CAPE Funds



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

The Purpose of CAPE

What is CAPE?

- The Florida Career and Professional Education Act was created in 2007 to provide a statewide planning partnership between the business and education communities in order to attract, expand, and retain targeted, high-value industry and to sustain a strong, knowledge-based economy.

The primary purpose of the CAPE Act is to:

- a. Improve middle and high school academic performance by providing rigorous and relevant curriculum opportunities;
- b. Provide rigorous and relevant career-themed courses that articulate to postsecondary-level coursework and lead to industry certification;
- c. Support local and regional economic development;
- d. Respond to Florida's critical workforce needs; and
- e. Provide state residents with access to high-wage and high-demand careers.

Benefits of CAPE for Students

- Students earn industry certifications that make them more college and career-ready.
- Some industry certifications articulate for college credit.
- College credit articulated may contribute to requirements for the Gold Seal CAPE (GSC) Scholarship.

Other Benefits of CAPE

- Bonus FTE funding
- Teacher bonuses
- School grades



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

The List

CAPE Industry Certification Funding List

Components of the CAPE Industry Certification Funding List

- As of 2018-19, there are 279 credentials (264 Industry Certifications, 15 Digital Tool Certificates) on the CAPE ICFL.
- The list includes
 - DOE Codes for each certification (i.e. ADESK002)
 - Credential title, Issuing Organization
 - Primary Career Cluster
 - Type
 - Version
 - Differentiated Waiver of Certification Requirements
 - Weight

Some Types of Credentials on the List

Type	Grade	Funding Weight	Example
CAPE Digital Tool Certificates	K-8	0.025 FTE	ICT Multimedia Essentials
CAPE Industry Certifications	6-12	0.1 or 0.2 FTE	Certified Nursing Assistant (CNA) Autodesk Certified User – AutoCAD
CAPE Acceleration Industry Certifications	6-12	0.5 or 1.0 FTE	MSSC Certified Production Technician FAA Aviation Mechanic Technician - Airframe

- K-8 students are capped at 0.1 FTE
- Certifications with 0.2 or higher FTE have articulation agreements

Statewide Articulation Agreements

- Industry Certifications which articulate college credit toward **specific** associate degree programs
- Established by college deans in collaboration with The Florida College System

Statewide Articulation Agreements

Example 1:

A high school drafting student earns

Autodesk Certified User – AutoCAD (ADESK002)

articulates 3 college credits to

Architectural Design & Construction Technology

AS degree

Accepted at any FCS institution offering the degree!

Articulation Agreements & Gold Seal CAPE (GSC) Scholarship

One of the requirements for GSC is to earn a minimum of **5 postsecondary credit hours** through CAPE industry certifications that articulate for college credit.

Articulation Agreements & Bright Futures Gold Seal CAPE Scholar Award Example 2:

A high school drafting student earns

- Autodesk Certified User – AutoCAD (ADESK002), **and**
- Autodesk Certified User – Revit Architecture (ADESK008)

Each certification articulates 3 postsecondary credit hours.

In Example 2, the student has achieved the following:

- Earned **two in-demand industry certifications**,
- Articulated **6 college credits** (a cost savings of \$641.28),
and
- Met a requirement for **GSC**.

The student may enter into a specific degree program with **advanced standing**.

GSC Scholars who complete the AS degree program may also receive an award for a maximum of **60 credit hours toward an eligible baccalaureate degree**.

CAPE Industry Certification Funding List, New Certifications for 2019-20

DOE Code	Certification Title
ADESK032	Autodesk Certified User - Fusion 360
APPLE021	Apple App Development with Swift Certification Level 1
AWELD003	AWS Certified Welder - FCAW Plate
AWELD004	AWS Certified Welder - GMAW Plate
AWELD011	AWS Certified Welder - SMAW Pipe
AWELD012	AWS Certified Welder - SMAW Plate
COMPT018	CompTIA IT Fundamentals+
FNGLA003	Certified Landscape Designer
FNGLA004	Certified Landscape Technician
ICOEC005	EC-Council Cyber Forensics Associate
ICOEC006	EC-Council Ethical Hacker Associate
LINPI001	Linux Essentials 010
MICRO112	Microsoft Technology Associate (MTA) – Intro. to Programming Using Python
MICRO113	Microsoft Technology Associate (MTA) - Cloud Fundamentals
MICRO114	Microsoft Technology Associate (MTA) – Intro. to Programming Using Java
MICRO115	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals
SALES001	Salesforce Certified Administrator

2019-20 Digital Tool Certificates

- HB 7071 allows a maximum of 30 Digital Tool Certificates (passed House and Senate on 5-2-19).
- The Department of Education plans to conduct a competitive procurement for the selection of additional CAPE Digital Tool Certificates.



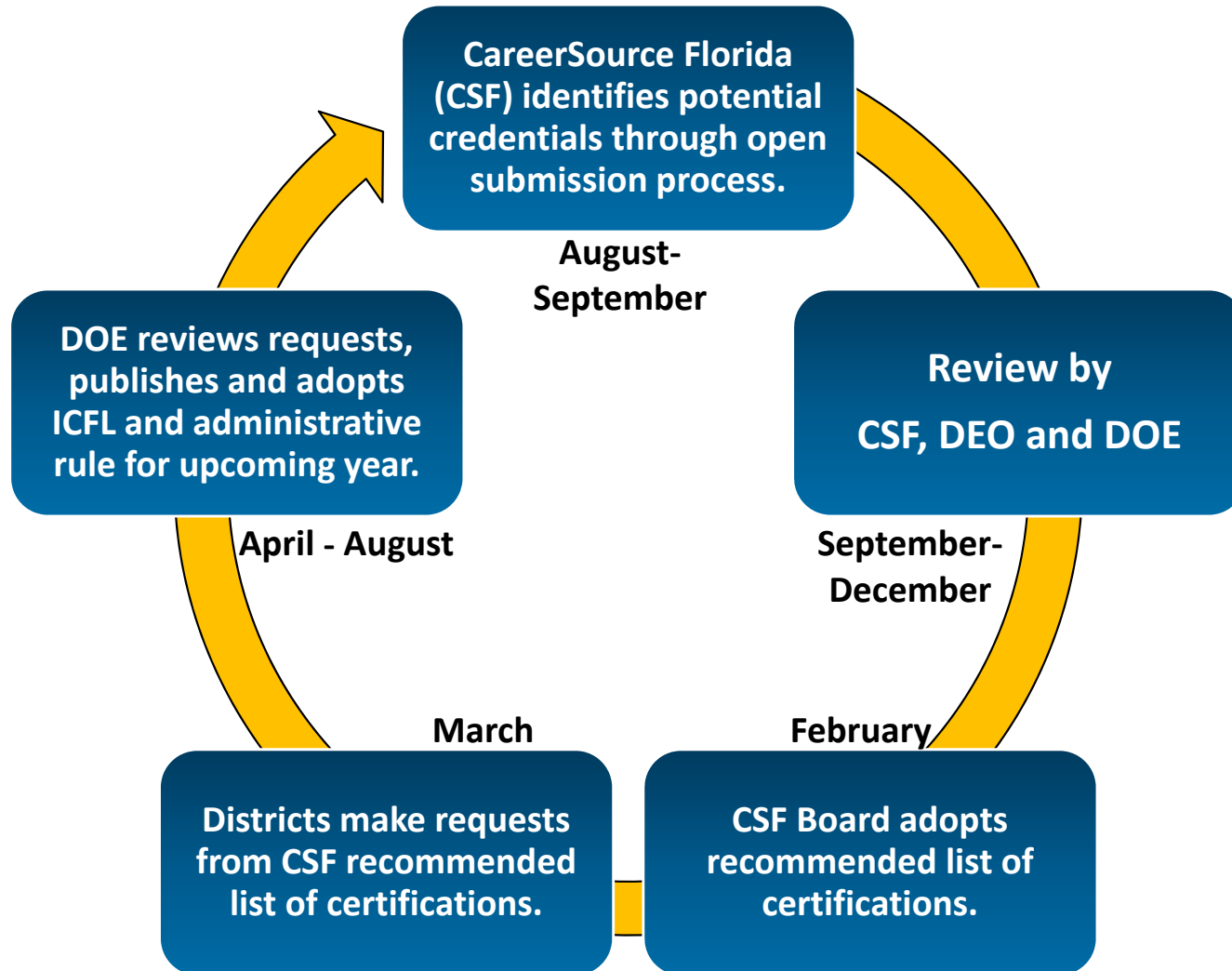
FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

How the List is made

The making of the CAPE Industry Certification Funding List



CareerSource Florida Request Cycle



For agriculture related certifications, a separate process is used involving the Department of Agriculture and Consumer Services

Examples of what the review committee looks for in an industry certification:

- Is the test always proctored?
- Does the credential support an in-demand occupation?
- Does it require at least 150 hours of instruction?
- Is the certification occupationally specific?
- Is the certification publicly searchable?
- Will the certification help someone get a job?



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

Career-Themed Course Registration

Career-Themed Courses

- A course, or series of courses, that leads to an industry certification on the CAPE ICFL.
- All CTE courses are eligible.
- Non-CTE courses may be requested.
- **All** certifications to be earned in the course must be registered. (max. 15)
- Course must have enrollment to be a Career-Themed Course!
- The teacher must hold **all** certifications (or a higher level) registered.

Career-Themed Courses - Registration

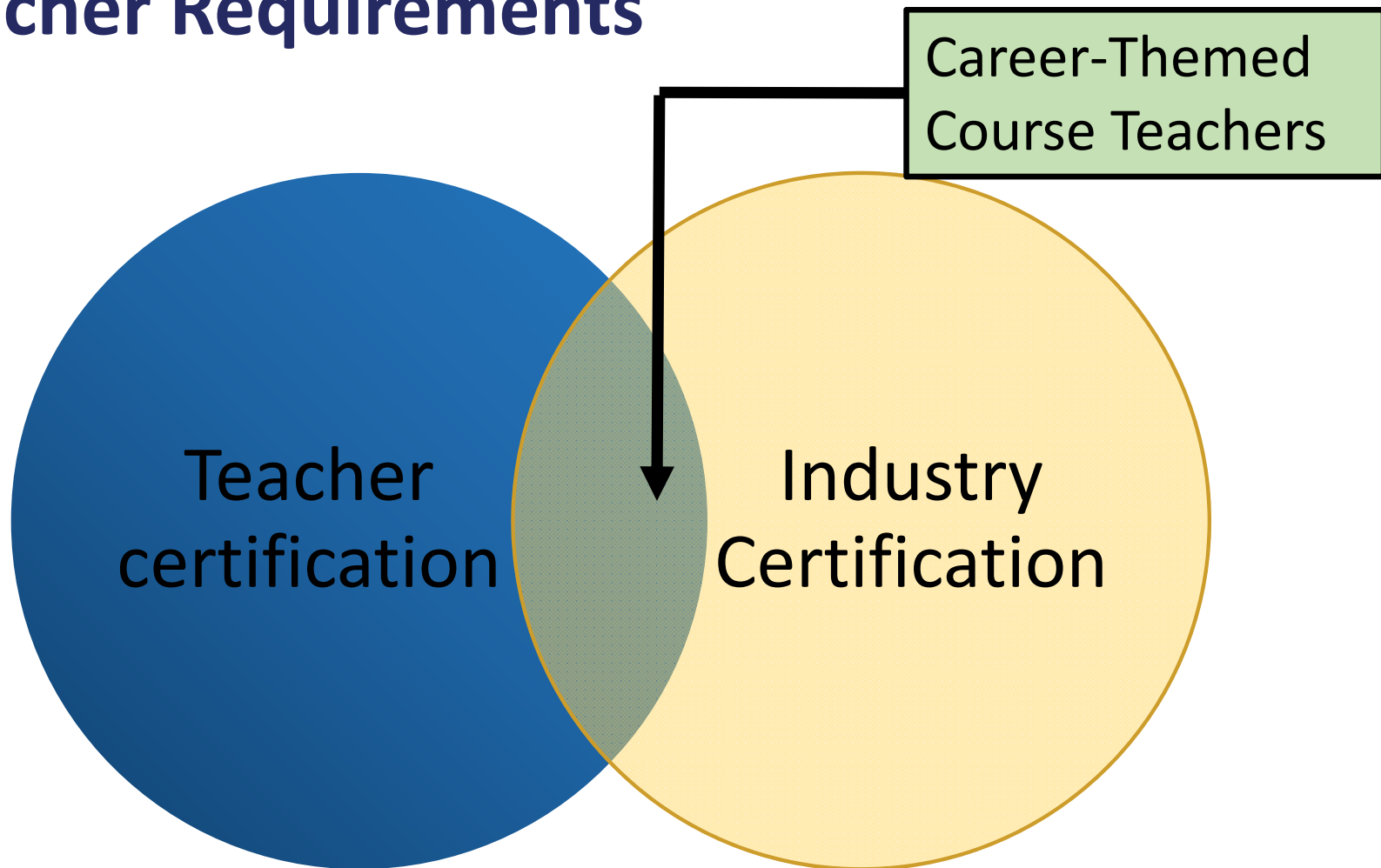
- Three registration windows:
 - 1st Window – October 16 through November 30
 - 2nd Window – February through March 1
 - 3rd Window (final) – August 1 through August 10
- CTCs are published in Appendix FF
- **Registration of CTC is required for funding of Industry Certifications earned!**



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

Teacher Requirements

Teacher Requirements



Teachers need to have the appropriate teacher certification **AND** industry certification to teach career-themed courses.

How to determine Teacher Requirements

1. Look at the [curriculum framework](#) for the program or the [Course Code Directory](#) to see teacher certifications listed by course.
2. Look up the teacher certification codes in the [CTE Teacher Certifications](#) document.
3. Make sure your teacher meets all of the requirements listed for the specific teacher certification.

How to determine Teacher Requirements, cont'd.

Most district-issued teacher certifications contain this statement:

Applicants must have documentation of industry certification when state or national industry certifications are available and applicable.

All teachers of Career-Themed Courses must hold the industry certification (or a higher-level version) that the students are expected to earn.



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

Test Administration

**How to deliver industry certification tests in
accordance with the law**

Requirements for Delivery of Industry Certification Exams and Reporting of Data

- All industry certifications reported must comply with Rule 6A-6.0573, F.A.C., which includes:
 - Teachers may not proctor certification exams for subjects they teach.
 - Exam questions are delivered in a secure manner.
 - The exam is scored by certifying agency or vendor, not a school district employee.
 - A student **cannot be given an exam more than 3 times** during the academic year. There must be a **minimum of 20 calendar days between test administrations.**

[Rule 6A-6.0573](#) (13),(16), F.A.C.

Requirements for Delivery of Industry Certification Exams and Reporting of Data, Continued

- All industry certifications reported must comply with Rule 6A-6.0573, F.A.C., which includes:
 - School districts shall create and maintain local test administration procedures for the administration of all industry certification exams.
 - Teachers, proctors, and monitors for industry certification exams must sign [Form FCAPEA-04, Florida CAPE Act Industry Certification Test Administration and Security Agreement](#).
- [Rule 6A-6.0573](#), (16),(17), F.A.C.

Industry Certification Test Administration and Security Agreement (Form FCAPEA-04)

- Teachers, proctors, and monitors for industry certification exams attest the following:
 - They have reviewed all test administration and security procedures outlined in the Rule.
 - They will not reveal or disclose any information about the test items or engage in any acts that would violate the security of industry certification exams or cause student achievement to be inaccurately represented.
- [Rule 6A-6.0573](#), (16),(17), F.A.C.

What happens when Test Administration Procedures are not followed?

- The district is required to report to FDOE within 5 days of the incident.
- Someone may lose a job.
- Someone may not get a bonus.
- District will not be able to report for bonus FTE funding or any other purpose.
- Testing may be suspended in school and/or district.
- Certification Agency may have to rewrite test questions.
- Students lose.



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

Funding

2019-20 FEFP – Estimated Value of Industry Certifications/Certificates/Courses

Type of Outcome	Funding Weight	Estimated Value (Base Student Allocation = \$4,279.49)
CAPE Digital Tool Certificate	0.025	\$106.99
CAPE Industry Certification without articulated credits	0.1	\$427.95
CAPE Industry Certification with up to 14 articulated credits	0.2	\$855.90
CAPE Innovation Course	0.3	\$1,283.85
CAPE Acceleration Industry Certification with 15 to 29 credits	0.5	\$2,139.75
CAPE Acceleration Industry Certification with 30 or more credits	1.0	\$4,279.49

Required Teacher Bonuses

Funding Weight	Bonus
0.1	\$25
0.2	\$50
0.3	\$75
0.5	\$100
1.0	\$100

Required Teacher Bonuses

- Provided to teachers *who are employed by the district in the year in which the additional FTE membership calculation is included in the calculation.*
- Bonus awarded is *in addition to any regular wage or other bonus the teacher received or is scheduled to receive.*
- *All teachers whose instruction leads to the industry certification* attainment must receive the full amount of the bonus.
- It is up to the district to determine which teacher(s) contributed to the student earning the certification.



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

How to Spend CAPE Funds

On what can funds from the 80 percent allocation be spent?

- Example 1: Industry certification exams
- Example 2: Instructional materials needed to prepare or take the industry certification exam
- Example 3: Equipment used to prepare or take the industry certification exam
- **Talk to your district finance office!**

- **And yes, it's ok to allocate more than 80 percent to the specific CAPE program!**

On what can funds from the 20 percent allocation be spent?

- The remaining 20 percent of the funds may be spent on other CAPE program expenses such as:
 - Administrative costs
 - New industry certification programs (at schools with or without existing industry certification programs)
- **100 percent of the funds are for CAPE!**

What does “supplanting” mean?

- “Supplant” means “replace”
- Examples of Supplanting
 - Paying the salary of your classroom teacher
 - Paying for general classroom supplies like desks, cabinets, or basic construction supplies required to offer the course
- Your district wants to “supplement” your CAPE programs

Where is the list of items on which my district can spend CAPE funding?

- No state list of allowable expenses exists.



- Districts must follow all applicable state laws for the expenditure of these state funds
- **Talk to your district finance office!**

Resources

CAPE Industry Certification Funding List & Detailed List:

<http://fldoe.org/academics/career-adult-edu/cape-secondary/cape-industry-cert-funding-list-current.shtml>

Industry Certification Articulation Agreements:

<http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.shtml>

CAPE Gold Seal Scholarship:

<https://www.floridastudentfinancialaidsg.org/PDF/GSC.pdf>

CAPE Technical Assistance Paper:

<http://fldoe.org/core/fileparse.php/8904/urlt/cape-act-techassist.pdf>

Resources CAPE Secondary: <http://fldoe.org/academics/career-adult-edu/cape-secondary/resources.shtml>

CAPE Statutes & Rule: <http://fldoe.org/academics/career-adult-edu/cape-secondary/statutes-rules.shtml>

Contact for Industry Certification Questions

Kathryn Wheeler

CAPE Industry Certification Manager

Budget, Accountability and Assessment

Division of Career and Adult Education

850.245.9030 Office

Industrycertification@fldoe.org