



# Florida Digital Learning Summary

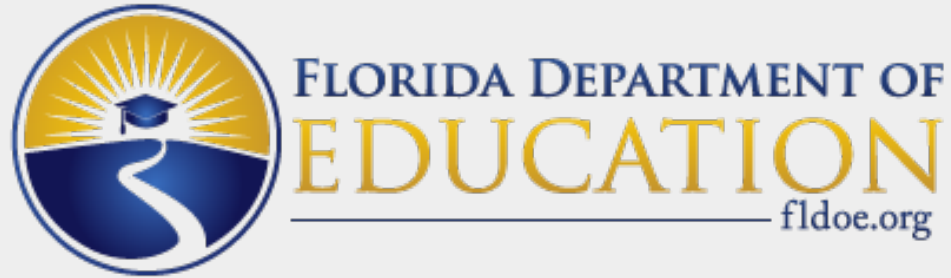
FOIL

May 2015



FLORIDA DEPARTMENT OF  
**EDUCATION**  
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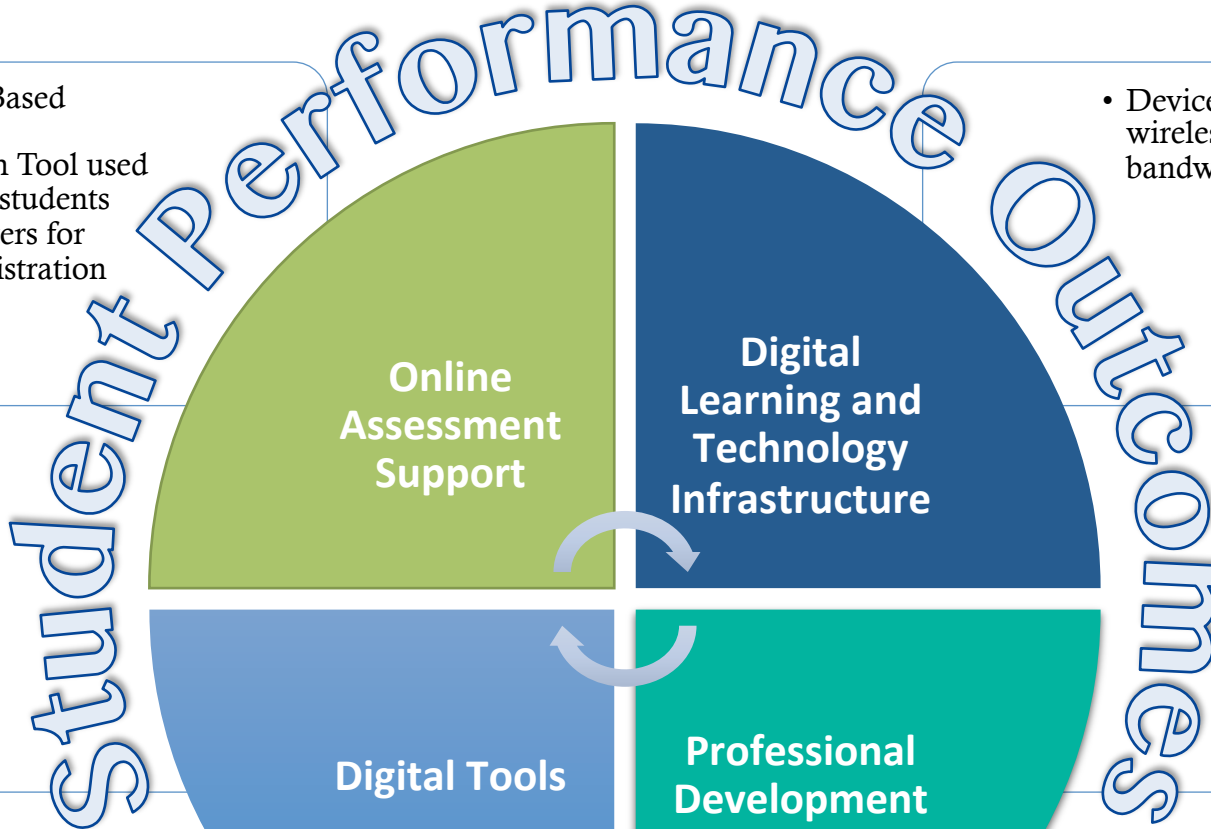
[www.FLDOE.org](http://www.FLDOE.org)



# Digital Classrooms Plans

**Ron Nieto,**

Deputy Commissioner for Technology and Innovation



- Computer-Based Assessment Certification Tool used to schedule students and computers for each administration

- Device specifications, wireless and bandwidth standards

- Nine components of a Digital Tool System reported by districts

- Professional Development outcomes measured via the Technology Integration Matrix (TIM)

73

Districts have submitted  
and approved Digital  
Classrooms Plans (DCP)

465

Charter schools have  
submitted plans to their  
district and are receiving  
their portion of the  
allocation

\$40

Million

2014-15 State  
Allocation with  
additional federal  
and local funds for  
Digital Classrooms

## Digital Classrooms Plan Timeline

DOE publishes the 5-year state DCP with specifications and standards for district in addition to the district DCP template.

August  
2014

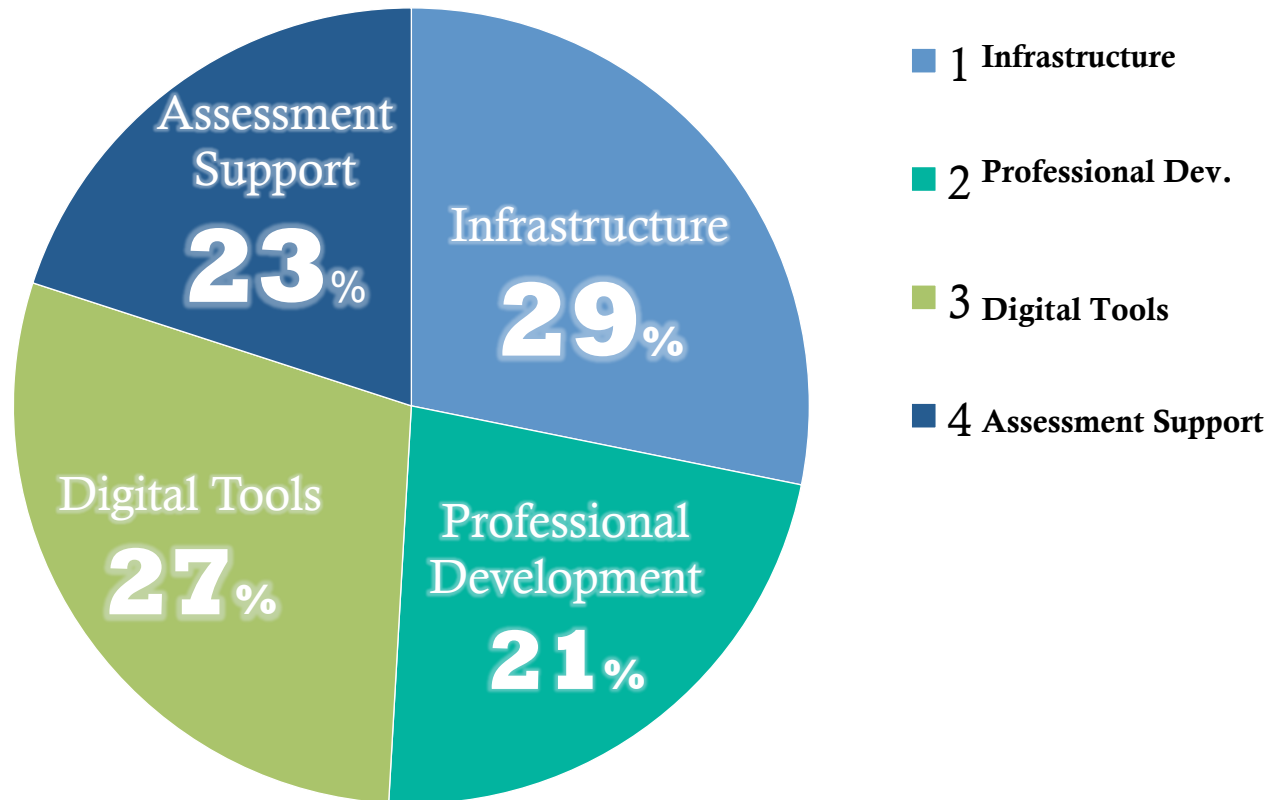
Districts work to collaborate to complete DCP and achieve school board approval. Statutory deadline is October 1, however many districts request extensions.

October  
2014

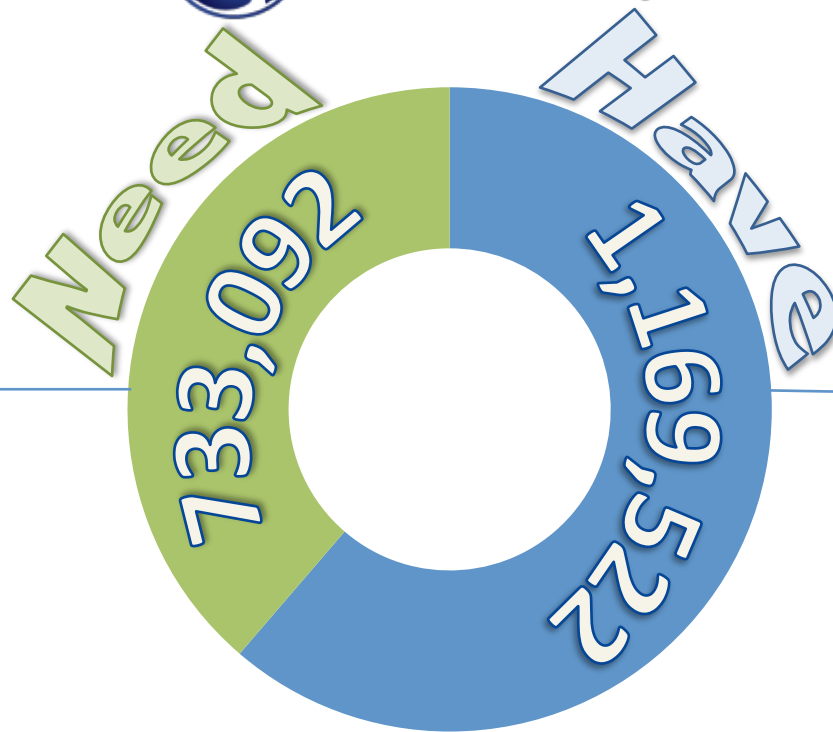
73 District DCP plans have been approved by the DOE. Funds are dispersed through normal FEFP channels.

March  
2015

## Percentage of DCP Planned Expenditures by Group



The 2014-15 district DCPs include an additional 733,092 devices required to meet district goals



According to the Fall 2014 TRI, Districts currently have 1,169,522 student devices that meet minimum specifications.



**386,960**  
**Student**  
**Laptops**



**678,946**  
**Student**  
**Desktops**

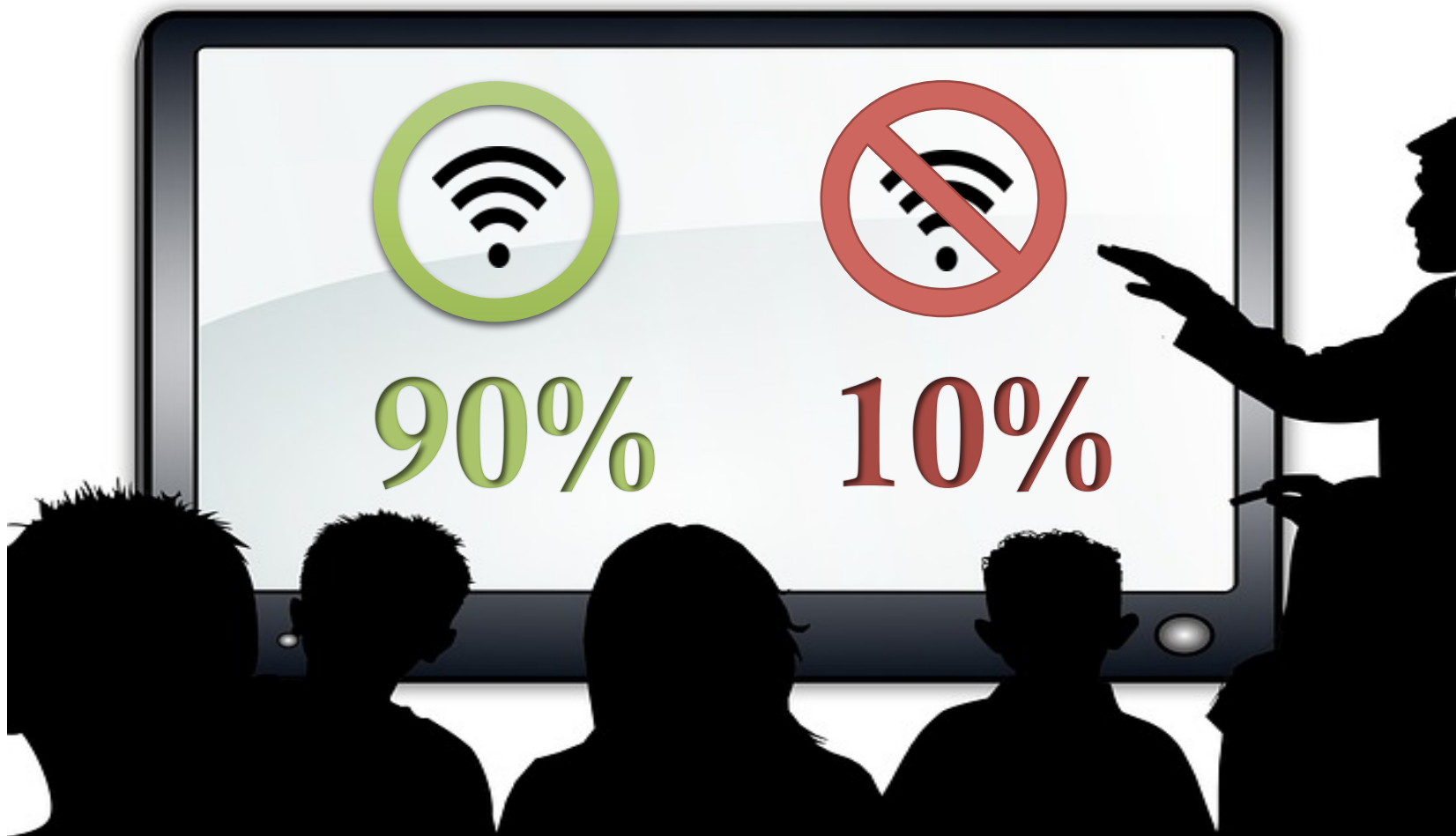


**95,315**  
**Student**  
**Tablets**



**8,301**  
**Student**  
**Thin-clients**

## Classrooms meeting Wireless Standard of IEEE 802.11n or higher





## Schools meeting bandwidth standard of 100kbps/student

*As reported on the Fall 2014 TRI, 58 percent of schools meet the FDOE recommended bandwidth standard.*



# Technology and Instructional Materials

- \$165 million was available for districts to purchase instructional content and devices, equipment, and infrastructure
- Districts shall certify to the commissioner an expenditure plan for purchase of instructional content and technology
- If any funds are to be used for technology, district must:
  - Certify that instructional content necessary for instruction is available
  - Include an expenditure plan for purchases
  - Demonstrate alignment of technology purchases with minimum or recommended technology requirements

## Technology and Instructional Materials

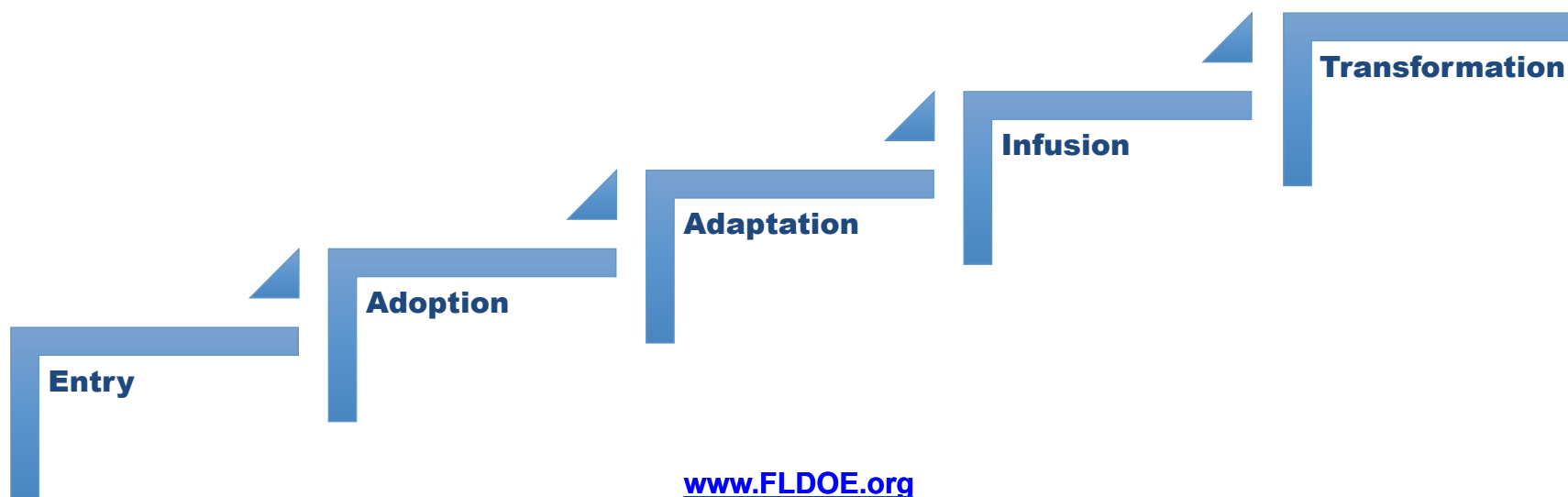
- For the 2014-15 year, **20 districts** certified they have met their instructional materials needs and will utilize IM funds for technology



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# Technology Integration Matrix (TIM)

*Levels of Technology Integration into the Curriculum*



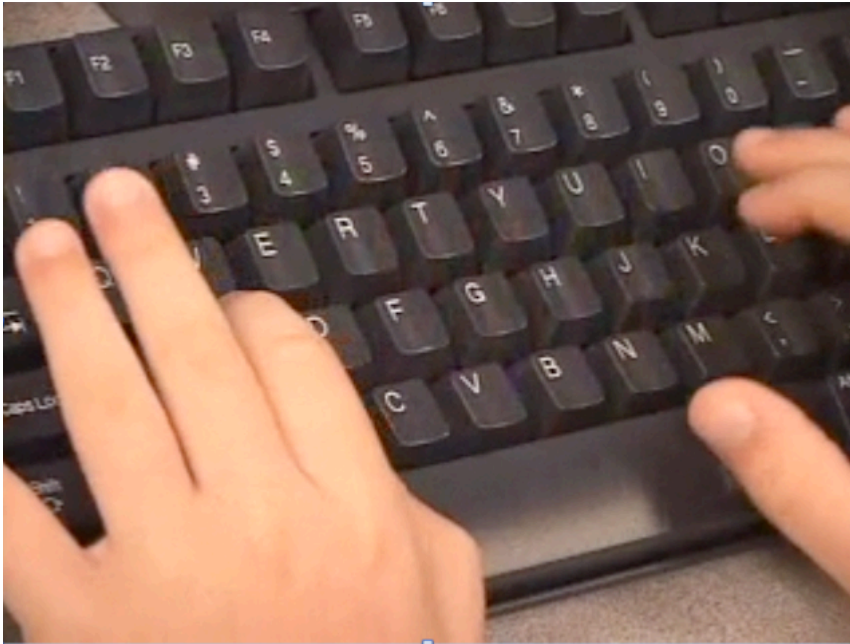
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## What does digital learning look like when integrated into the curriculum?



# Technology Integration Matrix Samples

[www.mytechmatrix.org](http://www.mytechmatrix.org)



**Entry Level Language Arts**



**Transformation Level  
Language Arts**

## Question -

- When will the 2015-16 Digital Curriculum Plan template be made available for districts?

Answer – The department is targeting to release the 2015-16 template by August 1, 2015. Districts are encouraged to start now by collaborating with their DCP teams to confirm the digital learning overview and strategy for the district.

## Question -

- What are best practices that have emerged regarding the collection of Technology Integration Matrix data across the district? Will the state be providing any professional development in that area?

Answer – The TIM is a critical element in monitoring and measuring the implementation of digital learning into the classroom. This year we saw many districts conduct training on the use of the TIM. Over the next year, the department will evaluate best practices and methods used in the districts and will publish the findings.



## Question -

- Will the state be providing any professional development regarding digital learning?

Answer – The department is beginning training this summer in select districts on the principals of instructional design using digital tools (Project Optimize). Following the training, a limited number of software licenses will be available for school and district staff. Districts are encouraged to contact [DigitalLearning@fldoe.org](mailto:DigitalLearning@fldoe.org) if interested in participating.

## Question

- How will districts report out on the outcomes of the Digital Classroom Plan? When will that format be available?

Answer – The Technology Resources Inventory (TRI) opened for schools on April 27, 2015. The results from the Fall and Spring TRI will be used as the foundation for the DCP report that is due October 1. Department staff will be contacting districts as necessary over summer for additional details.



# CAPE Digital Tools

**Sean Friend,**  
Division of Career and Adult Education

## CAPE Digital Tool Certificates

- For elementary and middle grades students
- Eligible for additional FTE membership in the FEFP
  - Weighted at 0.025 FTE per certificate earned up to a maximum of 0.1 FTE per fiscal year
- Section 1008.44, F.S., allows for no more than 15 certificates to be available in 2015-16 in the following areas: word processing; spreadsheets; sound, motion, and color presentations; digital arts; cybersecurity; and coding

## 2014-15 CAPE Digital Tool Certificates

- 13 certificates are available in 2014-15

DOE Code	Certificate Title	Issuing Organization/Provider
APPLE801	Apple Certified Pro - Aperture 3 Level One	Apple, Inc.
APPLE802	Apple Certified Pro - Pages	Apple, Inc.
APPLE803	Apple Certified Pro - Numbers	Apple, Inc.
CERTI801	IC3 Digital Literacy Certification	Certiport, A Pearson VUE Business
CERTI802	IC3 Spark	Certiport, A Pearson VUE Business
DIGIT801	AGSPACE Certification for GIS Beginners	DigitalQuest Inc.
MICRO801	Microsoft Office Specialist: Microsoft Office Excel	Microsoft Corporation
MICRO802	Microsoft Office Specialist: Microsoft Office Word	Microsoft Corporation
PROSO801	ICT – Database Essentials	Certification Partners
PROSO802	ICT – Gaming Essentials	Certification Partners
PROSO803	ICT – Multimedia Essentials	Certification Partners
PROSO804	ICT – Programming & Logic Essentials	Certification Partners
PROSO805	ICT – Web Design Essentials	Certification Partners

NOTE: CAPE Digital Tool certificates on the 2014-15 CAPE Industry Certification Funding List are not guaranteed to be on the 2015-16 CAPE Industry Certification Funding List.

## 2015-16 CAPE Digital Tool Certificates

- An RFI was sent to vendors soliciting information on additional certificates for consideration on April 30th
- List of 2015-16 CAPE Digital Tool certificates will be posted on the Department's website by June 15
- Changes for 2015-16
  - The Department will be retiring ADOBE012 – Adobe Certified Associate for Photoshop and moving it to CAPE Digital Tool certificate designation for 2015-16
  - Apple has indicated that Apple Certified Pro - Aperture 3 Level One will be retired for the 2015-16 school year and will therefore be removed as a CAPE Digital Tool certificate

## What does this mean?

- **Q: What are some of the best practices that have emerged regarding the classroom / school level implementation of CAPE Digital Tool certificates?**
- **A: Data for CAPE Digital Tool certificates will not be available until fall 2015. Once we receive data from the districts, we will be able to follow up with the districts to determine best practices.**
  - The Division of Career and Adult Education (DCAE) surveyed districts on their implementation of the 2014-15 CAPE Digital Tool certificates. The most utilized CAPE Digital Tool certificates in districts were Microsoft Office Specialist: Word, Microsoft Office Specialist: Excel, and ICT – Multimedia Essentials.

## What does this mean?

- **Q: Will the state be providing any professional development regarding CAPE Digital Tool certificates?**
- **A: DCAE provides ongoing technical assistance for CAPE Digital Tool certificates.**
  - The current CAPE technical assistance paper can found at <http://www.fldoe.org/core/fileparse.php/5398/urlt/CAPE-Act-TechAssist.pdf>.
  - Email [industrycertification@fldoe.org](mailto:industrycertification@fldoe.org) for questions.



## What does this mean?

- **Q: Is it recommended that districts purchase CAPE Digital Tool Certificate exam licenses centrally to ensure equitable access for students? If so, can the additional FTE generated be used for the purpose?**
- **A: Bulk purchasing often leads to a better per student price. DCAE recommends that your district CTE staff work with vendors of existing CAPE Industry Certifications to leverage a better price. Yes, additional FTE generated from CAPE Digital Tool certificates may be used for this purpose.**

## CAPE Innovation Courses

- Combine academic and career content with performance expectations that will result in college credit and industry certification attainment.
- Include at least two third-party assessments, one of which is identified with an industry certification on the CAPE Industry Certification Funding List.
- These courses involve the pairing of an industry certification with an Advanced Placement (AP) course.
- Use the current College Board AP course descriptions and require AP teachers to deliver a series of activities that emphasize applied learning of the AP content while learning new knowledge and skills associated with CAPE industry certifications.
- Eligible for additional 0.3 FTE membership in the FEFP

## 2015-16 CAPE Innovation Courses

Course	Academic	Career
<b>AP Microeconomics Innovation (#2102365)</b>	Earn score of “3” or higher on the AP exam	Earn Microsoft Office Specialist for Excel (2013 version)
<b>AP English Language and Composition Innovation (#1001425)</b>	Earn score of “3” or higher on the AP exam	Earn Microsoft Office Specialist for Word (2013 version)
<b>AP Studio Art 2-D Design Portfolio Innovation (#0109355)</b>	Earn score of “3” or higher on the AP exam	Earn Adobe Certified Associate for Adobe Photoshop (Creative Cloud version)
<b>AP Computer Science A Innovation (#0200325)</b>	Earn score of “3” or higher on the AP exam	Earn CIW Javascript Specialist certification

## Contact Information for The College Board

**Are you interested in more information about becoming a pilot district for CAPE Innovation Courses for 2015-16?**

Edward Biedermann

The College Board

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Phone: 212-713-7728

# Contact Information

## Digital Learning and Digital Learning Plans

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  - Phone: 850-245-9855

## CAPE Digital Tool Certificates and CAPE Industry Certifications

- **Sean Friend**, Division of Career and Adult Education
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  - Phone: 850-245-9030