

Tab 1 SB 468 by Ring (CO-INTRODUCERS) Brandes; (Similar to H 0887) Computer Coding Instruction							
483520	A	S	RCS	ED, Gaetz	Delete L.28 - 29:	12/03	12:13 PM
832110	A	S	RCS	ED, Gaetz	Delete L.33 - 41.	12/03	12:13 PM

Tab -1 SB 290 by Smith; (Similar to H 0015) STEM Teacher Loan Forgiveness Program	
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Tab -1 SB 432 by Hutson; (Compare to CS/H 0189) STEM Teachers Pilot Program	
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Tab -1 SB 470 by Brandes; (Compare to CS/H 4013) Blended Learning Courses	
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The Florida Senate
COMMITTEE MEETING EXPANDED AGENDA

EDUCATION PRE-K - 12
Senator Legg, Chair
Senator Detert, Vice Chair

MEETING DATE: Thursday, December 3, 2015

TIME: 10:00 a.m.—12:00 noon

PLACE: Pat Thomas Committee Room, 412 Knott Building

MEMBERS: Senator Legg, Chair; Senator Detert, Vice Chair; Senators Benacquisto, Brandes, Bullard, Clemens, Gaetz, Galvano, Garcia, Montford, and Sobel

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
1	SB 468 Ring	Computer Coding Instruction; Requiring high schools to offer computer coding courses; requiring the Commissioner of Education to identify the computer coding courses that may satisfy two credits of foreign language instruction under certain circumstances; requiring a student to earn two credits in certain computer coding courses in order to be eligible for an initial award under the Florida Bright Futures Scholarship Program, etc. ED 12/03/2015 Fav/CS AED AP	Fav/CS Yeas 8 Nays 2
2	Workshop - Discussion and public testimony only on education technology techniques and strategies for teaching and learning success: - Update on Digital Classroom Plans - Update on CAPE Digital Tools and Industry Certifications - Presentation on Technology Requirements Related to Educator Preparation and Certification		Presented
3	Workshop - Discussion and public testimony only on the following (no vote to be taken): SB 290 Smith (Similar H 15)		Workshop-Discussed STEM Teacher Loan Forgiveness Program; Creating the STEM Teacher Loan Forgiveness Program; providing for the administration and funding of the program; providing for student eligibility and the use of funds, etc. ED 12/03/2015 Workshop-Discussed AED AP

COMMITTEE MEETING EXPANDED AGENDA

Education Pre-K - 12

Thursday, December 3, 2015, 10:00 a.m.—12:00 noon

TAB	BILL NO. and INTRODUCER	BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
	SB 432 Hutson (Compare CS/H 189)	STEM Teachers Pilot Program; Requiring the Department of Education to implement and administer the STEM Teachers Pilot Program; authorizing certain school districts to hire an individual who is not a certified educator, but who holds a specified degree, to teach courses related to his or her degree, etc. ED 12/03/2015 Workshop-Discussed AED AP	Workshop-Discussed
	SB 470 Brandes (Compare CS/H 4013, H 7029)	Blended Learning Courses; Deleting a requirement that students in a blended learning course be full-time students and receive online instruction in a classroom setting at their schools, etc. ED 12/03/2015 Workshop-Discussed AED AP	Workshop-Discussed
4	Status Update on the Implementation of Collegiate High School Programs		Presented
Other Related Meeting Documents			

The Florida Senate
BILL ANALYSIS AND FISCAL IMPACT STATEMENT

(This document is based on the provisions contained in the legislation as of the latest date listed below.)

Prepared By: The Professional Staff of the Committee on Education Pre-K - 12

BILL: CS/SB 468

INTRODUCER: Education Pre-K - 12 Committee and Senator Ring

SUBJECT: Computer Coding Instruction

DATE: December 4, 2015 REVISED: _____

	ANALYST	STAFF DIRECTOR	REFERENCE	ACTION
1.	Graf	Klebacha	ED	Fav/CS
2.			AED	
3.			AP	

Please see Section IX. for Additional Information:

COMMITTEE SUBSTITUTE - Substantial Changes

I. Summary:

CS/SB 468 adds computer science and technology instruction-related responsibilities for high schools and district school boards, and establishes alternative means to demonstrate foreign language competency. Specifically,

- High schools must provide opportunities for students to substitute two credits in computer coding courses of sufficient rigor, as identified by the Commissioner of Education (commissioner), and a related industry certification for two credits in sequential foreign language instruction. Such computer coding courses, including the courses taken to earn the related industry certification, must be identified in the Course Code Directory.
- Each district school board must develop a plan for offering a computer coding curriculum, which must be submitted to the commissioner, President of the Senate, and Speaker of the House of Representatives by January 1, 2017.

Additionally, the bill requires Florida College System institutions and state universities to recognize the computer coding course credits as foreign language credits.

The bill takes effect July 1, 2016.

II. Present Situation:

Computer Science and Technology Instruction

Public schools are required to provide students in grades K-12 opportunities for learning computer science including, but not limited to, computer coding and computer programming.¹ Such opportunities may include:²

- Instruction regarding computer coding in elementary and middle school,
- Instruction to develop computer usage and digital literacy skills in middle school, and
- Courses in computer science, computer coding and computer programming in high school, including opportunities to earn industry certifications related to such courses.

Specifically, high schools are authorized to provide computer science courses to satisfy credit requirements for high school graduation, including, at a minimum, computer science and computer technology courses in 3D rapid prototype printing, which are of sufficient rigor, as identified by the Commissioner of Education.³ Such courses must be identified in the Course Code Directory (CCD).⁴

Foreign Language Competency

Each district school board must “provide all courses required for middle grades promotion, high school graduation, and appropriate instruction to ensure that students meet the State Board of Education (state board) adopted standards” in reading and other language arts, mathematics, science, social studies, foreign languages, health and physical education, and the arts.⁵

Students are not required to earn credits in foreign language to graduate from high school with a standard high school diploma.⁶ However, to earn the Scholar designation on the standard high school diploma, a student must earn two credits in the same foreign language.⁷

The Florida Department of Education (DOE or department) is required to identify the competencies that students must demonstrate upon the successful completion of 2 credits of sequential high school foreign language instruction.⁸ Additionally, the law directs the department to identify in rule⁹ the correlation between high school foreign language competencies and the

¹ Section 1007.2616(1), F.S.

² Section 1007.2616(1), F.S.

³ Section 1007.2616(3), F.S.

⁴ The Course Code Directory (CCD) is the listing of all public preK-12 courses available for use by school districts. Programs and courses which are funded through the Florida Education Finance Program and courses or programs for which students may earn credit toward high school graduation must be listed in the CCD. The CCD maintains course listings for administration and service assignments, K-12 education, exceptional student education, career and technical education, and adult education, with details regarding appropriate teacher certification levels. The CCD provides for course information to schools, districts, and the state. Rule 6A-1.09441, F.A.C.

⁵ Section 1003.42(1), F.S.

⁶ Section 1003.4282(3), F.S.

⁷ Section 1003.4285(1)(a)4., F.S.

⁸ Section 1007.262, F.S.

⁹ Rule 6A-10.02412, F.A.C. This rule adopted by the State Board of Education specifies the competencies that students must demonstrate upon successful completion of two credits of secondary instruction in one foreign language.

competencies required of students in the Florida College System (FCS) institutions' courses.¹⁰ Based on such correlation, each FCS institution must identify the minimum number of postsecondary credits that students must earn to demonstrate a level of competence in foreign language that is equivalent to the competence of students who completed two credits of such instruction in high school.¹¹

The law authorizes alternative means of demonstrating foreign language competence in that, the DOE may specify means by which a student whose native language is not English may demonstrate proficiency in the native language.¹² A student who demonstrates proficiency in a native language other than English is exempt from the requirement to complete foreign language courses at the secondary level or FCS level.¹³ The completion of a postsecondary course at the elementary level 2 in one foreign language or American Sign Language (ASL) is also considered to demonstrate the required foreign language competency.¹⁴ Additionally, FCS institutions may determine other means by which students may demonstrate completion of foreign language competencies.¹⁵

A first-time-in-college student who is admitted to a state university is expected to demonstrate competency in foreign language or ASL equivalent to the second high school level or higher.¹⁶ Students may meet the foreign language admission requirement by demonstrating:¹⁷

- Competency at the elementary 2 level in one foreign language or ASL at an undergraduate institution;
- Equivalent foreign language competence on the basis of scores determined by the Credit-by-Exam Equivalencies¹⁸ adopted by the Board of Governors of the State University System of Florida; or
- Equivalent foreign language or ASL competence through other means approved by the university.

III. Effect of Proposed Changes:

CS/SB 468 adds computer science and technology instruction-related responsibilities for high schools and district school boards, and establishes alternative means to demonstrate foreign language competency. Specifically,

- High schools must provide opportunities for students to substitute two credits in computer coding courses of sufficient rigor, as identified by the Commissioner of Education (commissioner), and a related industry certification for two credits in sequential foreign language instruction. Such computer coding courses, including the courses taken to earn the related industry certification, must be identified in the Course Code Directory (CCD).

¹⁰ *Id.*

¹¹ *Id.*

¹² Section 1007.262, F.S.

¹³ *Id.*

¹⁴ Rule 6A-10.02412, F.A.C.

¹⁵ *Id.*

¹⁶ Board of Governors Regulation 6.002(1)(h).

¹⁷ *Id.*

¹⁸ Florida Department of Education, *Articulation Coordinating Committee Credit-by-Exam Equivalencies*, available at <http://www.fldoe.org/core/fileparse.php/5421/urlt/0078391-acc-cbe.pdf>.

- Each district school board must develop a plan for offering a computer coding curriculum, which must be submitted to the commissioner, President of the Senate, and Speaker of the House of Representatives by January 1, 2017.

The computer coding curriculum and course substitutions will likely promote computer science and technology instruction in high schools which may redirect student interest into computer science.

Currently, career and technical education frameworks include courses that incorporate computer coding standards but such courses are not specifically identified in the CCD as courses that contain computer coding standards. Consequently, such courses will need to be identified in the CCD as computer coding and computer programming course options for students to take in lieu of sequential foreign language courses.¹⁹

The bill requires Florida College System institutions and state universities to recognize the computer coding course credits as foreign language credits. This requirement will assist students who complete two credits in rigorous computer coding courses meet the sequential foreign language competency requirements at Florida College System institutions and state universities.

The bill takes effect July 1, 2016.

IV. Constitutional Issues:

A. Municipality/County Mandates Restrictions:

None.

B. Public Records/Open Meetings Issues:

None.

C. Trust Funds Restrictions:

None.

V. Fiscal Impact Statement:

A. Tax/Fee Issues:

None.

B. Private Sector Impact:

None.

¹⁹ Florida Department of Education, *2016 Agency Legislative Bill Analysis for SB 468* (Nov. 5, 2015), at 3-4, on file with the Committee on Education staff.

C. Government Sector Impact:

None.

VI. Technical Deficiencies:

None.

VII. Related Issues:

None.

VIII. Statutes Affected:

This bill substantially amends section 1007.2616 of the Florida Statutes.

IX. Additional Information:

A. Committee Substitute – Statement of Substantial Changes:

(Summarizing differences between the Committee Substitute and the prior version of the bill.)

CS by Education Pre-K – 12 Committee on December 3, 2015:

The committee substitute:

- Added a requirement that Florida College System institutions and state universities must recognize the computer coding course credits as foreign language credits; and
- Removed a provision that would have required students to earn two credits in rigorous computer coding courses to qualify for the Florida Bright Futures Scholarship Program initial award.

B. Amendments:

None.



483520

LEGISLATIVE ACTION

Senate	.	House
Comm: RCS	.	
12/03/2015	.	
	.	
	.	
	.	

The Committee on Education Pre-K - 12 (Gaetz) recommended the following:

Senate Amendment (with title amendment)

Delete lines 28 - 29
and insert:
the earning of a related industry certification satisfies two
credits of sequential foreign language instruction. Florida
College System institutions and state universities must
recognize the credits as foreign language credits. Computer

===== T I T L E A M E N D M E N T =====



483520

11 And the title is amended as follows:
12 Delete lines 6 - 7
13 and insert:
14 coding courses that satisfy two credits of foreign
15 language instruction under certain circumstances;
16 requiring Florida College System institutions and
17 state universities to recognize the credits as foreign
18 language credits;



832110

LEGISLATIVE ACTION

Senate	.	House
Comm: RCS	.	
12/03/2015	.	
	.	
	.	
	.	

The Committee on Education Pre-K - 12 (Gaetz) recommended the following:

Senate Amendment (with title amendment)

Delete lines 33 - 41.

===== T I T L E A M E N D M E N T =====

And the title is amended as follows:

Delete lines 9 - 13

and insert:

courses in the Course Code Directory; requiring each

By Senator Ring

29-00061A-16

2016468__

A bill to be entitled

An act relating to computer coding instruction; amending s. 1007.2616, F.S.; requiring high schools to offer computer coding courses; requiring the Commissioner of Education to identify the computer coding courses that may satisfy two credits of foreign language instruction under certain circumstances; requiring the inclusion of certain computer coding courses in the Course Code Directory; amending s. 1009.531, F.S.; requiring a student to earn two credits in certain computer coding courses in order to be eligible for an initial award under the Florida Bright Futures Scholarship Program; requiring each district school board to submit a plan for a computer coding curriculum to the commissioner and the Legislature by a specified date; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Present subsection (4) of section 1007.2616, Florida Statutes, is redesignated as subsection (5), and a new subsection (4) is added to that section, to read:

1007.2616 Computer science and technology instruction.—

(4) High schools must provide students opportunities to take computer coding courses of sufficient rigor, as identified by the commissioner, such that two credits in such courses and the earning of a related industry certification may satisfy two credits of sequential foreign language instruction. Computer

Page 1 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

29-00061A-16

2016468__

coding courses identified by the commissioner and computer coding courses taken to earn the related industry certification shall be included in the Course Code Directory.

Section 2. Paragraph (g) is added to subsection (1) of section 1009.531, Florida Statutes, to read:

1009.531 Florida Bright Futures Scholarship Program; student eligibility requirements for initial awards.—

(1) In order to be eligible for an initial award from any of the three types of scholarships under the Florida Bright Futures Scholarship Program, a student must:

(g) Earn two credits in computer coding courses which meet the requirements of s. 1007.2616(4).

Section 3. Each district school board shall develop a plan for a computer coding curriculum and must submit its plan to the Commissioner of Education, the President of the Senate, and the Speaker of the House of Representatives by January 1, 2017.

Section 4. This act shall take effect July 1, 2016.

Page 2 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

THE FLORIDA SENATE

APPEARANCE RECORD

12-3-16

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

SB 468

Meeting Date

Bill Number (if applicable)

Topic Computer Coding Instruction

Amendment Barcode (if applicable)

Name JAMES TAYLOR

Job Title EXECUTIVE DIRECTOR

Address

Phone

Street

Email

City

State

Zip

Speaking: ☒ For ☐ Against ☐ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing FLORIDA TECHNOLOGY COUNCIL

Appearing at request of Chair: ☐ Yes ☐ No

Lobbyist registered with Legislature: ☒ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

Have my son Jeremy before Mom and Dad

THE FLORIDA SENATE

APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/3/15

Meeting Date

468

Bill Number (if applicable)

Topic

Amendment Barcode (if applicable)

Name JEREMY LADANOWSKI

Job Title student 8th grade

Address 1290 NW 89 DR
Street

Phone

CORAL SPRINGS FL 33071
City State Zip

Email

Speaking: ☒ For ☐ Against ☐ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing self

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

C 468

Meeting Date _____

Bill Number (if applicable) _____

Topic _____

Amendment Barcode (if applicable) _____

Name Andrew Ladanowski

Job Title IT Consultant

Address 1296 NW 89th Drive

Phone 954-815-2402

Street

Coral Springs

FL

33071

City

State

Zip

Email _____

Speaking: ☐ For ☐ Against ☐ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Jeremy Ladanowski

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/3/15

Meeting Date

4609
Bill Number (if applicable)

Topic _____

Amendment Barcode (if applicable) _____

Name Csilla Ladanowski

Job Title Accountant

Address 1290 NW 89 DR

Street

Phone _____

Coral Springs FL 33071

City

State

Zip

Email _____

Speaking: ☒ For ☐ Against ☐ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Jeremy Ladanowski

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/3/15
Meeting Date

SR 470
Bill Number (if applicable)

Topic _____

Amendment Barcode (if applicable) _____

Name Skyler Zander

Job Title Deputy State Director

Address 200 W College Ave
Street

Phone _____

Tallahassee FL 32301
City State Zip

Email szander@afphq.org

Speaking: ☒ For ☐ Against ☐ Information

Waive Speaking: ☒ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Americans for Prosperity

Appearing at request of Chair: ☐ Yes ☒ No

Lobbyist registered with Legislature: ☒ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)



Digital Classrooms Allocation Status

Senate Education Pre K 12

December 2, 2015

Cali Stringer, Division of Technology and Innovation



FLORIDA DEPARTMENT OF
EDUCATION
fldoe.org

www.FLDOE.org

Florida Digital Classrooms Allocation

Continued in 2015 (s. 1011.62, F.S.), at Governor Rick Scott's recommendation, a \$60M allocation to each district to integrate technology in classroom teaching and learning

- Each district school board must submit to the department a Digital Classrooms Plan (DCP)
- Each district has a Florida Education Finance Program (FEFP) allocation of a minimum of \$250,000 with the remaining balance of the allocation to be distributed based on each district's proportion of the total K-12 full-time equivalent student enrollment
- Distribution of funds for the Florida DCP allocation shall begin following submittal and approval of each district's DCP

District Digital Classrooms Plans shall include:

- Measurable student performance outcomes
- Digital learning and technology infrastructure
- Professional development
- Digital tools
- Online assessment support

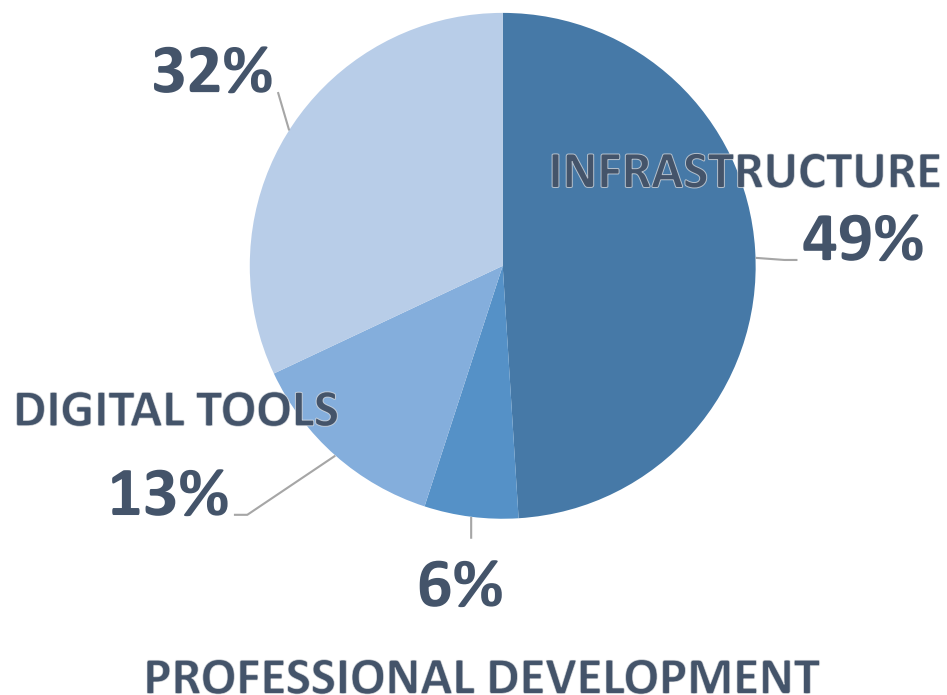
Florida's State Digital Classrooms Plan

- 5-year strategic plan for Digital Classrooms that:
 - Describes how technology will be integrated into the goals of the department as defined in s. 1008.31, F.S.
 - Identifies technology requirements that districts should strive towards meeting through the planning and implementation of the Digital Classrooms Plan
 - Recommends Master In-Service Components for digital learning professional development
 - Describes the Digital tools system and CAPE digital tools
- Can be found at <http://www.fldoe.org/about-us/division-of-technology-info-services/bureau-of-edu-tech.shtml>



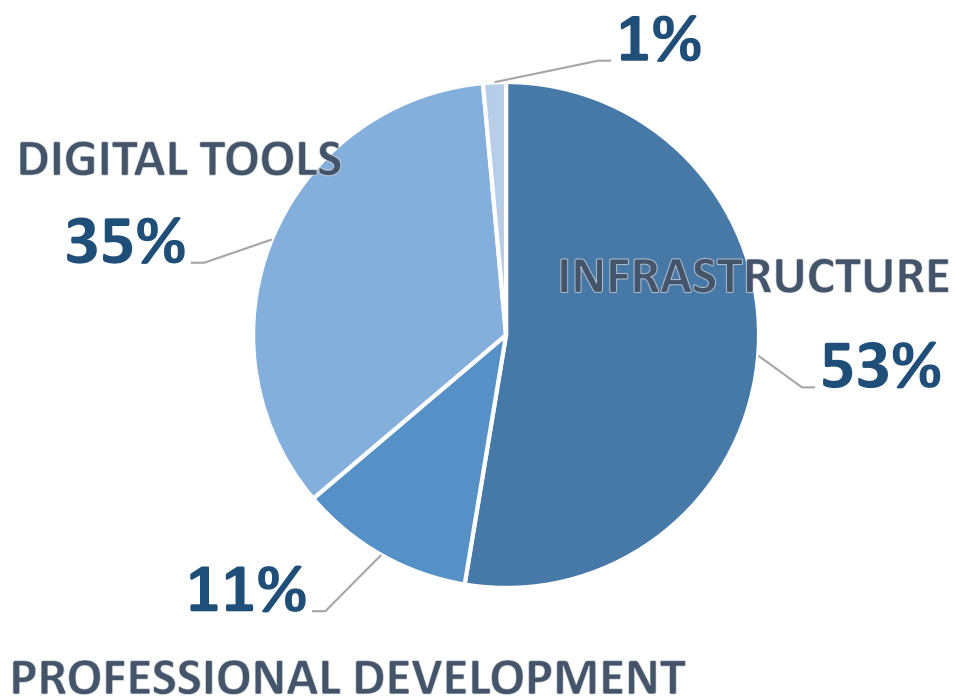
District DCP Expenditures by Category 2014-15

ASSESSMENT SUPPORT



District DCP Expenditures by Category 2015-2016

ASSESSMENT SUPPORT

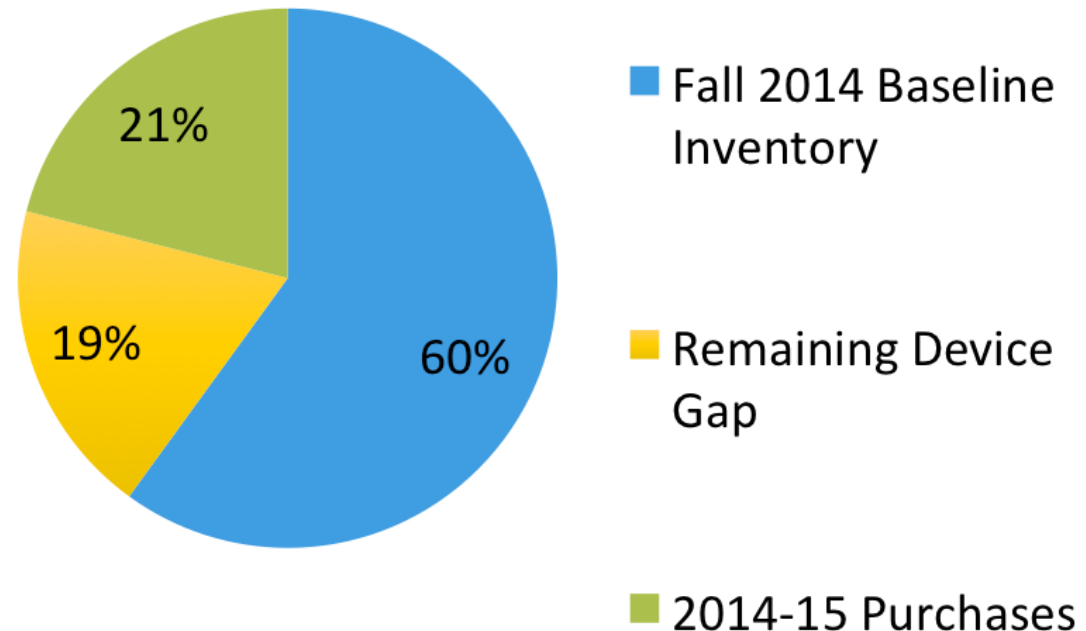


BASED ON 47 PLANS
DOCUMENTED AS OF
12/1/2015

2014-15 DCP Progress on meeting district device goals

- In 2014, it was estimated 733,092 devices would be necessary for districts to reach their target device goals.
- 2014-15 outcomes shows 351,695 device inventory growth
- Districts continue to replace outdated devices

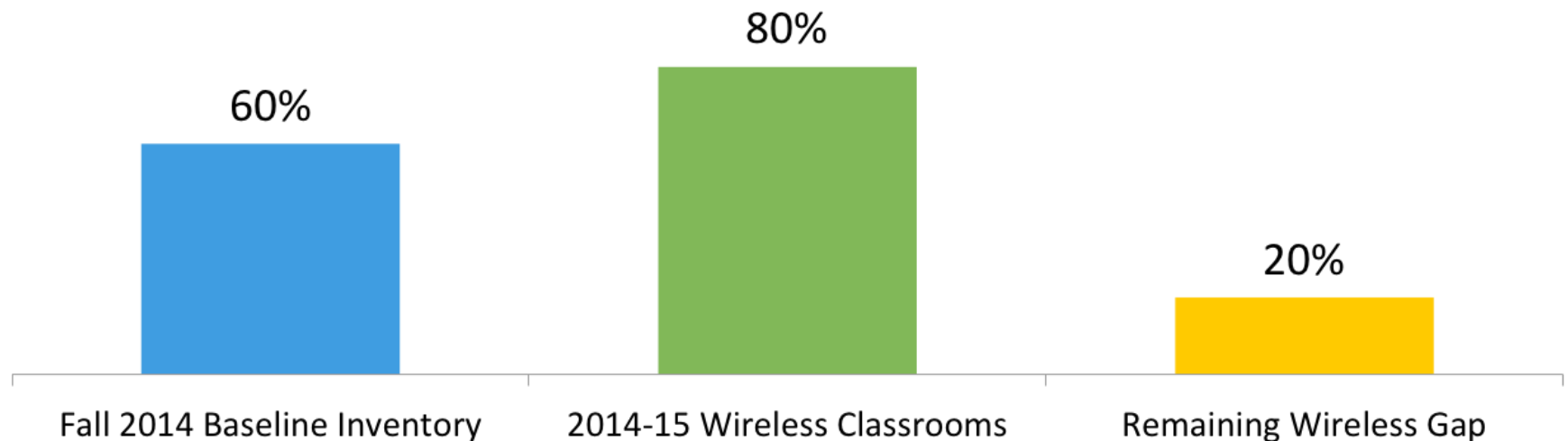
**District Student Device Goal
Progress**



2014-15 DCP Progress on meeting industry wireless standards

- For the 2014 baseline, 60% of classrooms met the wireless specifications (IEEE 802.11n or greater).
- 2014-15 outcomes show 80% of classrooms are now meeting wireless specifications.

District Wireless Classrooms Progress

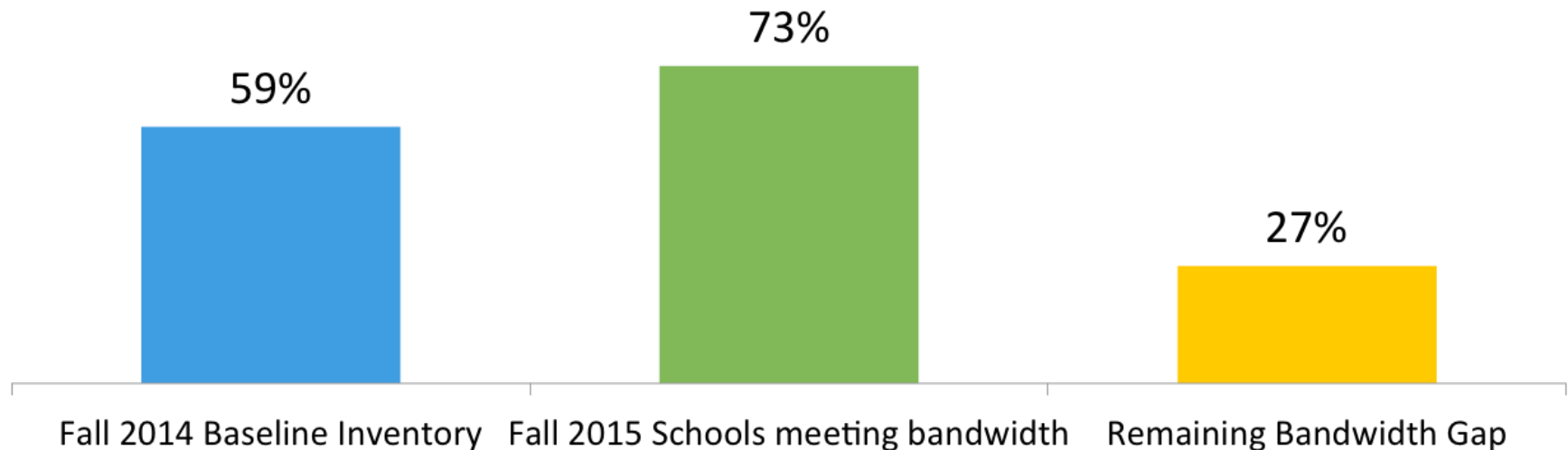


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2014-15 DCP Progress on meeting industry bandwidth standards

- For the 2014 baseline, 59% of schools met the bandwidth specifications (100 kbps per student*).
- 2014-15 outcomes show 73% of schools now meet bandwidth specifications.

District School Bandwidth Progress



2014-15 DCP Outcomes

Based on 2014-15 outcomes and the 2015-16 plans received thus far, districts DCPs are supporting student performance outcomes. Examples include:

- Identifying schools through either competitive processes or feeder channels for targeting funds to the schools with the most need for support.
- Funding to expand certification opportunities for students and teachers in CAPE areas.
- Purchasing additional student devices and improving infrastructure to reduce the length of the district's scheduled computer-based assessment testing time.
- Adding technology infrastructure to support new digital instructional materials.
- Providing new professional development to add and enhance digital tool systems and materials to enrich student digital learning.



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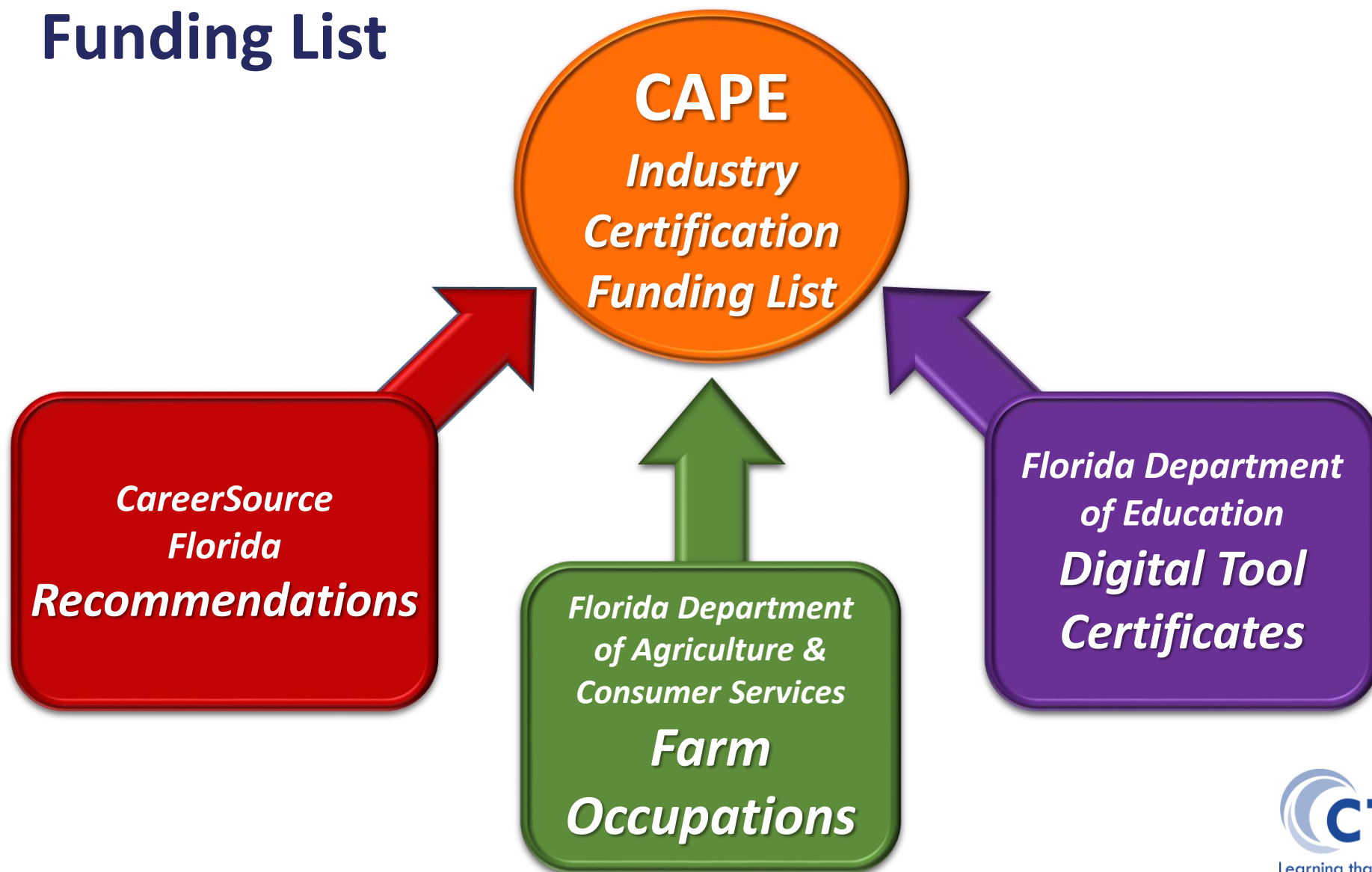
Career and Professional Education (CAPE) Implementation

**Rod Duckworth, Chancellor
Career and Adult Education**

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Pathways to the CAPE Industry Certification Funding List



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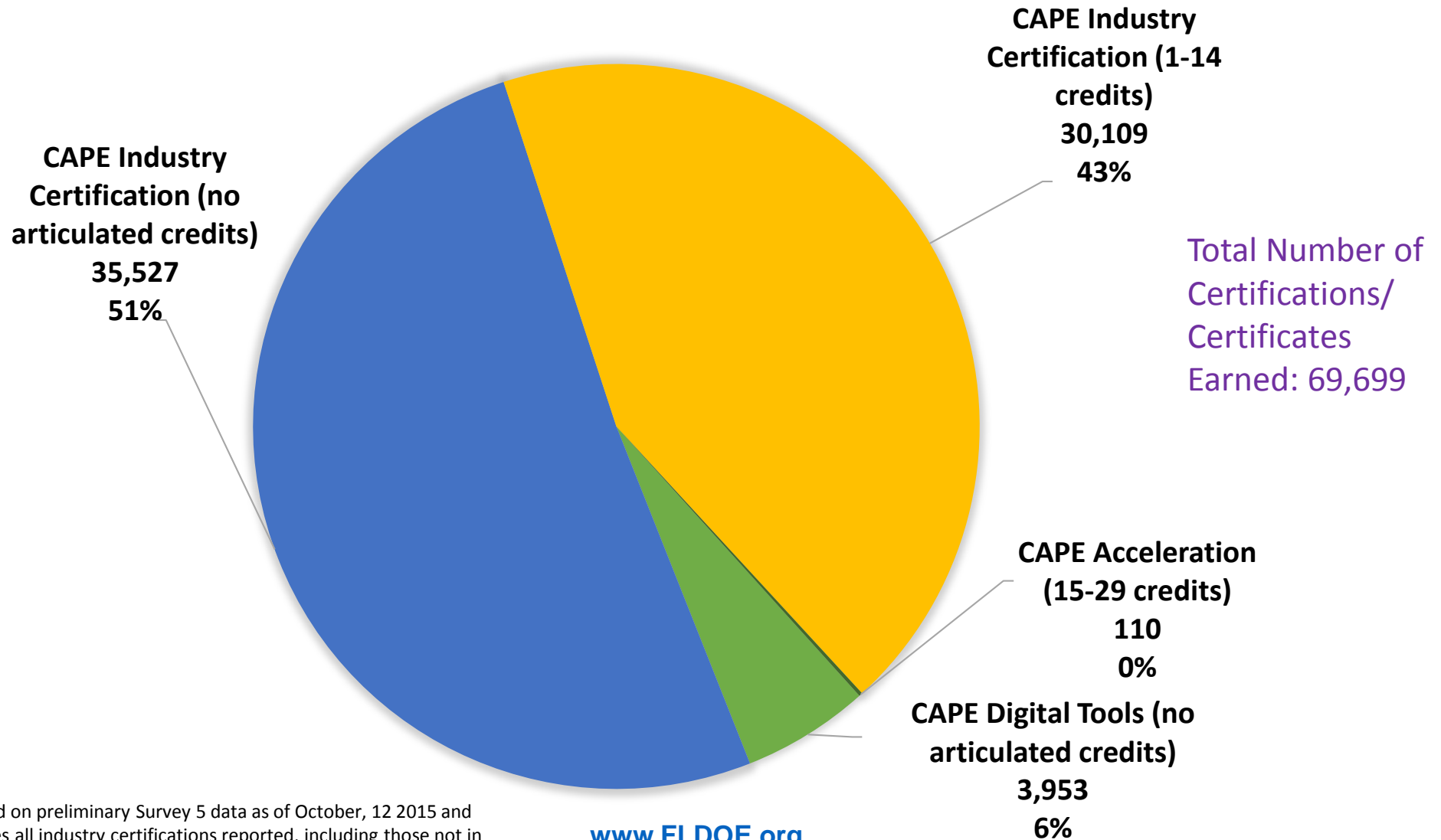
CAPE Digital Tool Certificates Earned, 2014-15

Certificate	Total Earned*	% Earned in Grades 4-5	% Earned in Grade 6	% Earned in Grade 7	% Earned in Grade 8
TOTAL	3,953	0.08%	22.94%	28.13%	48.22%
Microsoft Office Specialist: Word	1,224	0%	13.73%	25.00%	61.27%
ICT – Multimedia Essentials	1,020	0.49%	45.78%	19.80%	33.92%
IC3 Spark	990	2.32%	26.16%	36.16%	35.35%
ICT – Web Design Essentials	249	0%	3.21%	49.00%	47.49%
ICT – Gaming Essentials	147	0%	2.72%	25.85%	71.43%
Microsoft Office Specialist: Excel	137	0%	0.73%	21.17%	78.10%
IC3 Digital Literacy Certification	85	0%	0%	23.53%	76.47%
ICT – Programming & Logic Essentials	84	0%	0%	35.71%	64.29%
ICT – Database Essentials	17	0.71%	0%	41.18%	58.82%

*Earned by 3,666 students

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Industry Certifications/Certificates Earned by Type, 2014-15



* Based on preliminary Survey 5 data as of October, 12 2015 and includes all industry certifications reported, including those not in registered career-themed courses.

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2015-16 CAPE Innovation Courses

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

These course numbers may only be reported by districts and schools who have received professional development on the innovation course.

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Return on Investment for CAPE

Students

- Skills training at no cost
- Opportunities for entry-level jobs right out of high school
- College Credit in related Associate in Science Degree program

Employers

- Local supply of skilled entry-level employees
- Reduced training costs

Top 20 CAPE Industry Certifications Earned, 2014-15

Certification	#Earned
Adobe Certified Associate - Photoshop	11,229
Microsoft Office Specialist (MOS) Bundle Certification	11,060
Adobe Certified Associate - Dreamweaver	4,688
Certified Food Protection Manager (ServSafe)	4,152
Adobe Certified Associate - Premiere Pro	3,695
Certified Internet Web (CIW) - Internet Business Associate	3,658
Adobe Certified Associate – Illustrator	3,131
Certified Medical Administrative Assistant (CMAA)	2,828
Autodesk Certified Associate - Flash	2,045
Certified Nursing Assistant	1,887

Certification	#Earned
Autodesk Certified User - Inventor	1,882
Certified EKG Technician (CET)	1,804
Adobe Certified Associate – InDesign	1,754
Autodesk Certified User - AutoCAD	1,150
QuickBooks Certified User	933
Agricultural Technician Certification	786
Certified Internet Web (CIW) - Site Development Associate	490
Emergency Medical Responder	483
Certified Veterinary Assistant (CVA)	470
Microsoft Technology Associate (MTA) - Windows OS Fundamentals	469

Bold text indicates the certification has a statewide articulation agreement for college credit in a related A.S. degree program.

Red bold text indicates the certification is technology related and has a statewide articulation agreement for college credit in a related A.S. degree program.

Red text indicates the certification is technology related.

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Positive Student Outcomes for CAPE Students

Performance Indicator	Non-CAPE Participants, No Certification	CAPE Participants, No Certification	Non-CAPE Participants + Certification	CAPE Participants + Certification
Average GPA	2.66	2.71	2.87	2.99
Chronically Absent	18.1%	16.7%	17.1%	11.2%
At Least One Disciplinary Action	14.6%	17.2%	10.0%	9.4%
Dropout Rate	2.8%	1.1%	0.3%	0.3%
12th Graders Earning Standard Diploma	67.5%	81.9%	88.7%	94.2%
At Least One Accelerated Course	30.6%	30.4%	45.5%	43.6%

Note: Includes high school students enrolled in either a registered academy or career-themed course. Enrollment is unduplicated to the district and student. Students are counted more than once if they are reported in more than one district during the academic year.

Source: Data is for 2013-14.

Gold Standard Career Pathways

- Agreements guarantee a minimum number of articulated credits in a related A.S./A.A.S degree program in the Florida College System
 - Credits range from 1 to 36 with 3 credits as the most common
- 104 statewide articulation agreements for 81 Industry Certifications*
- For the information technology cluster, there are 25 industry certifications with statewide agreements
 - For example, CompTIA A+ has two articulation agreements for pathways to Computer Engineering Technology and Computer Information Technology A.S. degrees.

Technology Pathways

- **Network Systems:** for careers that involve network analysis, planning and implementation, including design, installation, maintenance and management of network systems.
- **Information Support & Services:** for careers that involve IT deployment, including implementing computer systems and software, providing technical assistance and managing information systems.
- **Web & Digital Communications:** for careers that involve creating, designing and producing interactive multimedia products and services, including development of digitally-generated or computer-enhanced media used in business, training, entertainment, communications and marketing.
- **Programming & Software Development:** for careers that involve the design development implementation and maintenance of computer systems and software, requiring knowledge of computer operating systems, programming languages and software development.

Tab 3: Workshop – Discussion and public testimony only on the following:

SB 290: STEM Teacher Loan Forgiveness Program *by Senator Smith*

Establishes the STEM Teacher Loan Forgiveness Program for qualifying college graduates who teach STEM courses at a public school in the state:

- Provides eligibility criteria to qualify for the program; and
- Authorizes the Department of Education to make a loan payment of up to \$16,000 for each qualifying teacher

SB 432: STEM Teachers Pilot Program *by Senator Hutson*

Establishes a five-year STEM Teachers Pilot Program to be implemented and administered by the Department of Education (DOE):

- A school district may participate in a program if it is ranked in the top 10% of school districts based on its district grade
- The program authorizes an eligible school district to hire an individual who does not hold a professional or temporary educator certificate in an academic field to teach a STEM course if he/she has at least a master's degree in STEM; and
- Requires DOE to analyze the performance data of students within participating school districts and submit the findings and recommendations to the Legislature at the end of the program

SB 470: Blended Learning Courses *by Senator Brandes*

Removes the requirement for a student in a blended learning course to be a full-time student of the school in which he or she is receiving the instruction and the requirement for a student to receive online instruction in a classroom setting at the school

By Senator Smith

31-00177-16

2016290__

A bill to be entitled

An act relating to the STEM Teacher Loan Forgiveness Program; creating s. 1009.641, F.S.; creating the STEM Teacher Loan Forgiveness Program; providing for the administration and funding of the program; providing for student eligibility and the use of funds; providing for rulemaking; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Section 1009.641, Florida Statutes, is created to read:

1009.641 STEM Teacher Loan Forgiveness Program.-

(1) The STEM Teacher Loan Forgiveness Program, administered by the Department of Education, is established to encourage and incentivize qualified college graduates to remain in this state to teach STEM courses at a public school.

(2) To be eligible, a candidate must meet all of the following criteria:

(a) Be a graduate of a Florida public postsecondary education institution that offers 4-year degrees or teacher certifications.

(b) Hold a valid Florida educator certificate under s. 1012.56.

(c) Be employed by a school district and assigned to teach a science, technology, engineering, or mathematics (STEM) course at a public school in this state for 8 consecutive years.

(3) The program may cover only those loans used to pay the costs of tuition, books, and living expenses.

Page 1 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

31-00177-16

2016290__

(4) The department may make a loan payment of up to \$16,000 on behalf of selected candidates from funds appropriated for the program. All payments are contingent upon proof of completion of program requirements and shall be made directly to the holder of the loan.

(5) The department may recover from funds appropriated for the program the costs of administering the program.

(6) The State Board of Education may adopt rules necessary to administer the program.

Section 2. This act shall take effect July 1, 2016.

Page 2 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

By Senator Hutson

6-00482-16

2016432__

A bill to be entitled

An act relating to the STEM Teachers Pilot Program; creating s. 1012.571, F.S.; requiring the Department of Education to implement and administer the STEM Teachers Pilot Program; authorizing certain school districts to hire an individual who is not a certified educator, but who holds a specified degree, to teach courses related to his or her degree; requiring an individual hired through the pilot program to meet specified criteria; requiring the department to submit a report to the Legislature, which must include a recommendation on continuing the pilot program; providing for rulemaking; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Section 1012.571, Florida Statutes, is created to read:

1012.571 STEM Teachers Pilot Program.—

(1) Beginning with the 2016-2017 school year, the Department of Education shall implement and administer a 5-year STEM Teachers Pilot Program.

(2) Under the pilot program, a school district that is ranked in the top 10 percent of school districts, as determined by the district grade calculated under s. 1008.34, may hire as a teacher an individual who does not hold a professional or temporary certificate to teach in a regular academic field in the kindergarten through grade 12 school program. The individual must hold at least a master's degree in the area of science,

Page 1 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

6-00482-16

2016432__

technology, engineering, or mathematics, and the course that he or she will teach must be related to his or her degree.

(3) An individual hired under the pilot program must meet the requirements of s. 1012.56(2)(a), (2)(b), (2)(d), (2)(e), and (2)(f) and document receipt of at least a master's degree in the area of science, technology, engineering, or mathematics from an accredited institution of higher learning.

(4) At the conclusion of the pilot program, the department shall analyze the performance data of students within participating school districts and submit a report on the findings to the President of the Senate and the Speaker of the House of Representatives. At a minimum, the report must include a recommendation for continuing or terminating the pilot program.

(5) The State Board of Education shall adopt rules to administer this section.

Section 2. This act shall take effect July 1, 2016.

Page 2 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

By Senator Brandes

22-00483-16

2016470__

A bill to be entitled

An act relating to blended learning courses; amending s. 1003.498, F.S.; deleting a requirement that students in a blended learning course be full-time students and receive online instruction in a classroom setting at their schools; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Subsection (1) of section 1003.498, Florida Statutes, is amended to read:

1003.498 School district virtual course offerings.-

(1) School districts may deliver courses in the traditional school setting by personnel certified pursuant to s. 1012.55 who provide direct instruction through virtual instruction or through blended learning courses consisting of both traditional classroom and online instructional techniques. ~~Students in a blended learning course must be full-time students of the school and receive the online instruction in a classroom setting at the school.~~ The funding, performance, and accountability requirements for blended learning courses are the same as those for traditional courses. To facilitate the delivery and coding of blended learning courses, the department shall provide identifiers for existing courses to designate that they are being used for blended learning courses for the purpose of ensuring the efficient reporting of such courses. A district may report full-time equivalent student membership for credit earned by a student who is enrolled in a virtual education course provided by the district which is completed after the end of the

Page 1 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.

22-00483-16

2016470__

regular school year if the FTE is reported no later than the deadline for amending the final student membership report for that year.

Section 2. This act shall take effect July 1, 2016.

Page 2 of 2

CODING: Words ~~stricken~~ are deletions; words underlined are additions.



Collegiate High School Program Update

Senate Education PreK-12 Committee

December 3, 2015

Chancellor Madeline Pumariega



Collegiate High Schools

In 2014, Senate Bill 850 expanded the development of Florida collegiate high schools and provided an avenue to accelerate academic achievement. Pursuant to Section (s.) 1007.273, Florida Statutes (F.S.), each FCS institution must work with school districts in its designated service area to establish one or more collegiate high school programs at a mutually agreed upon location or locations.

The statute requires the collegiate high school program to be available to 12th graders (grade 11 is optional) with an option for early admission, full-time dual enrollment that allows a student to accumulate up to 30 college credits within one full school year and the opportunity to earn industry certifications.



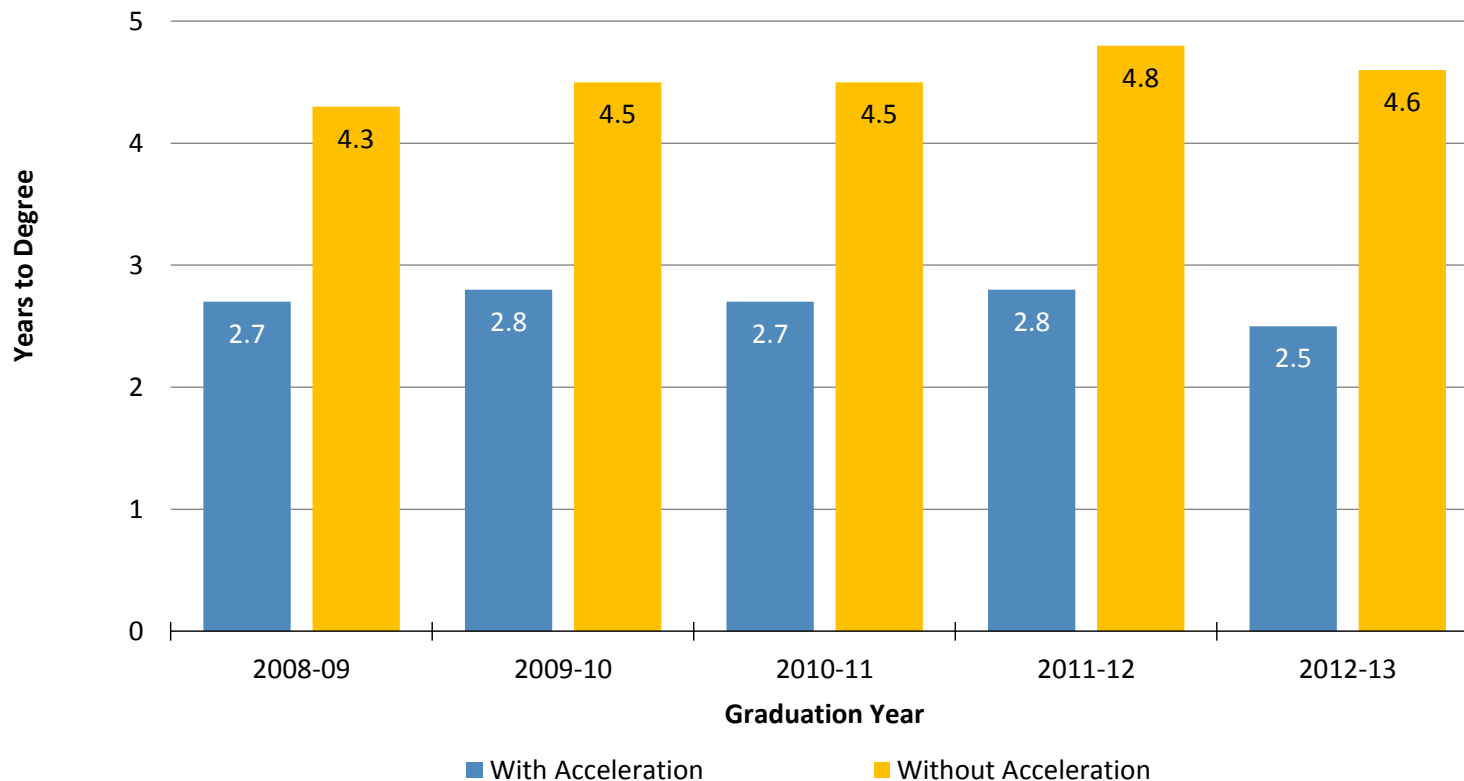
Collegiate & Charter High School Survey Results – Fall 2015

In the fall of 2015, Florida College System institutions were engaged in partnership with **40** collegiate and/or charter high schools with a total estimated enrollment of **7,500+** students.



Enhancing College Completion through Accelerated Mechanisms

Students at Florida College System institutions complete college faster through accelerated mechanisms.



Data represent average years to degree for First-Time in College (FTIC) students who attended full- and part-time.



www.FLDOE.org



Collegiate & Charter High School Survey Results



December 2, 2015

In the fall of 2015, Florida College System institutions were engaged in the operation of 40 collegiate and/or charter high school programs with a total estimated enrollment of 7,531 students. The number of enrollments may be higher as some colleges recently started their collegiate high schools and did not yet have enrollment counts available.

College Name	Partnering School Districts	Name of Charter or Collegiate School	Student Enrollment (Fall 2015)
Florida College System Total		40	7,531
Eastern Florida State College	Brevard County SD	EFSC Three-Year Collegiate High School Program & EFSC Two-Year Collegiate High School Program	1,050
		Early Admission Collegiate High School A.S. Degree Track	0
Broward College	Broward County SD	College Academy at Broward College	463
College of Central Florida	Citrus, Marion, and Levy County SD	College of Central Florida's Collegiate High School Program at West Port High School	280
Chipola College	Calhoun, Holmes, Jackson, Liberty, and Washington County SD	STEM Collegiate High School Program	0*
Daytona State College	Flagler and Volusia County SD	Daytona State College	7**
Florida SouthWestern State College	Charlotte, Collier, Glades, Hendry, and Lee County SD	Florida SouthWestern Collegiate High School - Lee	200 (charter) 172 (collegiate)
		Florida SouthWestern Collegiate High School - Charlotte	215 (charter) 126 (collegiate)
Florida State College at Jacksonville	Duval and Nassau County SD	Andrew Jackson Cybersecurity Academy	13
		Englewood Early College High School	31
		Robert E. Lee Early College High School	124
		Ribault Early College High School	31
		Sandalwood Early College High School	122
Florida Keys Community College	Monroe County SD	Florida Keys Community College Collegiate High School Program	3
Gulf Coast State College	Bay District School, Franklin and Gulf County Schools	Gulf Coast State College	8
Hillsborough Community College	Hillsborough County SD	Armwood High School	269
		Leto High School	145
		Lennard Collegiate Academy	240

Collegiate & Charter High School Survey Results



December 2, 2015

College Name	Partnering School Districts	Name of Charter or Collegiate School	Student Enrollment (Fall 2015)
Indian River State College	Indian River, Martin, Okeechobee, and St. Lucie County SD	Clark Advanced Learning Center	250
Florida Gateway College	Baker, Columbia, Dixie, Gilchrist, and Union County SD	Collegiate High School (with 5 districts)	220
Lake-Sumter State College	Lake and Sumter County SD	The Villages High School Early College Program	123
State College of Florida, Manatee-Sarasota	Manatee and Sarasota County SD	State College of Florida Collegiate School	503
Miami Dade College	Miami-Dade County SD	School for Advanced Studies	581
		New World School of the Arts	506
North Florida Community College	Hamilton, Jefferson, Lafayette, Madison, Suwanee, and Taylor County SD	North Florida Community College Collegiate High School Program	0
Northwest Florida State College	Okaloosa and Walton County SD	Collegiate High School at NWFSC	289
Palm Beach State College	Palm Beach County SD	Palm Beach State Collegiate High School	6
Pasco-Hernando State College	Hernando SB and Pasco County	Pasco-Hernando State College Collegiate High School	24
Pensacola State College	Escambia and Santa Rosa County SD	Pensacola State College Collegiate High School	216
Polk State College	Polk County PS	Chain of Lake Collegiate High	293
		Lakeland Collegiate High School	280
St. Johns River State College	Clay County and Putnam and St. Johns County SD	St. Johns River State College Collegiate High School	32
St. Petersburg College	Pinellas County	St. Petersburg Collegiate High School	230***
Santa Fe College	Alachua County PS and Bradford County SD	SFC High School Dual Enrollment	36
Seminole State College of Florida	Seminole County PS	Crooms Academy (Collegiate HS)	202
South Florida State College	DeSoto SD, Hardee County SD and Highlands County	South Florida State College Collegiate School	23
		Highlands Career Institute	107
Tallahassee Community College	Gadsden County SD< Leon County, and Wakulla County SB	Tallahassee Community College Collegiate High School	15
Valencia College	Orange County PS and Osceola County SD	Jones High School Medical Arts Magnet program	0
		Wekiva High School – Laser Photonics Magnet program	96

Source: Division of Florida Colleges survey of FCS institutions, November 2015. The information presented here was self-reported by Florida College System (FCS) institutions. Note: Enrollment data may not be available if the school is new. * Students participate in dual enrollment at this school. ** 70 students graduate with an associate degree when they also graduated from high school. ***Anticipated enrolment in the school; not verified.

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/03/2015

Meeting Date

Bill Number (if applicable)

Topic Implementation of Collegiate High Schools

Amendment Barcode (if applicable)

Name Madeline Pumariega

Job Title Chancellor, Division of Florida Colleges

Address 325 W. Gaines St.

Phone 850-245-9449

Street

Tallahassee

FL

32399

Email Madeline.Pumariega@fldoe.org

City

State

Zip

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Florida Department of Education

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/03/2015

Meeting Date

Bill Number (if applicable)

Topic Digital Classroom Plans

Amendment Barcode (if applicable)

Name Cali Stringer

Job Title Bureau Chief, Education Technology

Address 325 W. Gaines St.

Phone 850-245-9625

Street

Tallahassee

FL

32399

Email Cali.stringer@fldoe.org

City

State

Zip

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Florida Department of Education

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/03/2015

Meeting Date

Bill Number (if applicable)

Topic CAPE Digital Tools & Certification

Amendment Barcode (if applicable)

Name Rod Duckworth

Job Title Chancellor, Division of Career and Adult Education

Address 325 W. Gaines St.

Phone 850-245-9463

Street

Tallahassee

FL

32399

Email Rod.Duckworth@fldoe.org

City

State

Zip

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Florida Department of Education

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/3/2015

Meeting Date

Bill Number (if applicable)

Topic Technology Requirements Related to Educator Preparation and Certification

Amendment Barcode (if applicable)

Name Brian Dassler

Job Title Deputy Chancellor for Educator Quality

Address 325 W. Gaines St.

Phone 850-245-0509

Street

Tallahassee

FL

32399

Email brian.dassler@fldoe.org

City

State

Zip

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Florida Department of Education

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☒ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

Meeting Date

Bill Number (if applicable)

Topic _____

Amendment Barcode (if applicable)

Name Bill Campman

Job Title Principal Solution Specialist, cloud

Address 6400 Garland Ct
Street

Phone 850-544-2807

NEW Port Richey FL 34652
City State Zip

Email Billc@microsoft.com

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Microsoft

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/3/15
Meeting Date

Bill Number (if applicable)

Topic Personalized/Competency-based Learning

Amendment Barcode (if applicable)

Name Kathy Halbig

Job Title Coordinator, Personalized Learning

Address 510 S. Palm Ave.
Street

Phone 352-253-4150

Honey-in-the-Hills, FL
City State

34737
Zip

Email halbigk@lake.k12.fl.us

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Lake School District

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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S-001 (10/14/14)

THE FLORIDA SENATE

APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/3/15

Meeting Date

Bill Number (if applicable)

Topic PERSONALIZED LEARNING INITIATIVE PINELLAS

Amendment Barcode (if applicable)

Name RITA M. VASQUEZ

SCHOOLS

Job Title EXECUTIVE DIRECTOR, HIGH SCHOOL EDUCATION

Address 301 4TH ST. SW.

Phone (727) 580-6302

Street

LARGO,

FL

33779

City

State

Zip

Email vasquezr@pcsb.org

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Pinellas School District High School Education

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☒ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

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S-001 (10/14/14)

THE FLORIDA SENATE
APPEARANCE RECORD

(Deliver BOTH copies of this form to the Senator or Senate Professional Staff conducting the meeting)

12/2/15

Meeting Date

Bill Number (if applicable)

Topic Florida PBS Learning Media

Amendment Barcode (if applicable)

Name Janyth Richter

Job Title Executive Director

Address 600 1st Ave. N.

Phone 727-552-2451

Street

St. Petersburg

City

FL

State

33701

Zip

Email JANYTHR@FPBS.ORG

Speaking: ☐ For ☐ Against ☒ Information

Waive Speaking: ☐ In Support ☐ Against
(The Chair will read this information into the record.)

Representing Florida Public Broadcasting & member stations

Appearing at request of Chair: ☒ Yes ☐ No

Lobbyist registered with Legislature: ☐ Yes ☐ No

While it is a Senate tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this meeting. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard.

This form is part of the public record for this meeting.

S-001 (10/14/14)

CourtSmart Tag Report

Room: KN 412

Caption: Senate Education Pre-K - 12

Case No.:

Judge:

Type:

Started: 12/3/2015 10:00:28 AM

Ends: 12/3/2015 12:00:48 PM

Length: 02:00:21

10:00:27 AM Meeting called to order
10:00:45 AM Quorum is present
10:00:54 AM Chair
10:03:46 AM Sen. Clemens
10:04:15 AM Sen. Montford
10:04:59 AM Chair
10:05:09 AM Tab 1 - SB 468 by Sen. Ring
10:09:58 AM Chair
10:10:01 AM Sen. Bullard
10:10:48 AM Sen. Ring in response
10:11:56 AM Sen. Bullard
10:12:09 AM Sen. Ring in response
10:14:36 AM Sen. Brandes
10:14:42 AM Sen. Ring in response
10:15:01 AM Sen. Brandes
10:15:11 AM Sen. Ring in response
10:16:31 AM Sen. Sobel
10:16:44 AM Sen. Ring in response
10:17:03 AM Sen. Sobel
10:18:04 AM Sen. Ring in response
10:18:22 AM Sen. Sobel
10:19:12 AM Sen. Ring in response
10:19:29 AM Sen. Montford
10:20:17 AM Sen. Ring in response
10:20:18 AM Chair
10:21:51 AM Sen. Montford
10:23:28 AM Sen. Ring in response
10:24:39 AM Chair
10:24:57 AM Sen. Detert
10:25:04 AM Sen. Ring in response
10:25:09 AM Sen. Detert
10:25:30 AM Chair
10:25:43 AM Amendment # 483520 by Sen. Gaetz - Sen. Ring to explain
10:26:06 AM Chair
10:26:16 AM Amendment 483520 us adopted
10:26:22 AM Amendment 832110 by Gaetz, Sen. Ring to explain
10:27:12 AM Chair
10:27:14 AM Sen. Montford
10:27:18 AM Sen. Ring to respond
10:27:52 AM Sen. Detert
10:28:06 AM Sen. Ring to respond
10:29:00 AM Sen. Sobel
10:29:19 AM Sen. Ring to explain
10:29:42 AM Chair
10:30:19 AM Amendment 832110 is adopted
10:30:24 AM Back on bill as amended
10:30:29 AM James Taylor, Exec. Dir. Florida Technology Council, waives in support
10:30:41 AM Waives in support
10:30:50 AM Jeremy Ladanowski, 8th grade student, Coral Springs, speaking for the bill
10:32:15 AM Andrew Ladanowski, IT Consultant, Coral Springs, representing Jeremy Ladanowski, in support of bill
10:32:52 AM
10:33:02 AM Sen. Clemens question of Andrew

10:34:05 AM Andrew in response
10:34:39 AM Csilla Ladanowski, Accountant, Coral Springs, representing Jeremy Ladanowski, in support of bill
10:36:17 AM Skyler Zander, Deputy State Director, Americans for Prosperity, waives in support
10:36:31 AM Debate on Bill
10:36:35 AM Sen. Clemens
10:38:27 AM Sen. Brandes
10:39:05 AM Sen. Detert
10:40:24 AM Sen. Montford
10:45:23 AM Sen. Benacquisto
10:46:43 AM Sen. Sobel
10:48:31 AM Sen. Bullard
10:51:22 AM Sen. Gaetz
10:54:32 AM Sen. Ring to close on SB 468 as amended
10:58:19 AM Chair
10:58:24 AM Roll call vote on CS for SB 468 - Favorable
10:59:24 AM Workshop -Tab 4 - Update on the Implementation of Collegiate High School Programs, Chancellor
 Madeline Pumariega, Fla. College System, DOE
11:02:24 AM Chair
11:02:28 AM
11:03:11 AM Chair, questions of Chancellor Pumariega
11:03:52 AM Chancellor Pumariega in response
11:05:02 AM Chair - question to Chancellor Pumariega
11:05:23 AM Chancellor Pumariega in response
11:07:18 AM Sen. Clemens
11:07:51 AM Chancellor in response
11:07:57 AM Chair
11:08:54 AM Sen. Montford, question of Chancellor
11:09:15 AM Chancellor in response
11:10:11 AM Sen. Montford
11:10:24 AM Chancellor in response
11:11:04 AM Sen. Montford
11:12:31 AM Chancellor in response
11:13:01 AM Sen. Gaetz
11:14:09 AM Chancellor in response
11:15:17 AM Sen. Gaetz
11:16:16 AM Chair to Chancellor
11:18:29 AM Chancellor in response
11:20:08 AM Sen. Sobel question of Chancellor
11:20:21 AM Chancellor in response
11:22:27 AM Chair
11:22:33 AM Sen. Sobel
11:22:48 AM Chancellor in response to Sen. Sobel
11:23:00 AM Sen. Sobel
11:23:03 AM Chancellor
11:23:11 AM Sen. Sobel
11:23:45 AM Chancellor
11:24:46 AM Sen. Montford questions of Chancellor
11:25:07 AM Chancellor in response
11:26:16 AM Chair
11:26:31 AM Workshop - Tab 2 - Discussion on Education technology techniques
11:27:23 AM Ms. Cali Stringer, Bureau Chief, Education Tech. DOE, Update on Digital Classroom Plans
11:27:53 AM
11:29:28 AM Sen. Montford question of Ms. Stringer
11:30:28 AM Ms. Stringer in response
11:31:45 AM Ms. Stringer continues with presentation
11:32:09 AM Chair
11:33:37 AM Ms. Stringer in response to question from Chair
11:34:39 AM Sen. Montford question of Ms. Stringer
11:35:46 AM Ms. Stringer in response
11:36:11 AM Sen. Montford question of Ms. Stringer
11:37:22 AM Chair in response
11:39:00 AM Sen. Montford to Ms. Stringer

11:39:39 AM Chair, temporary recess
11:39:40 AM Recording Paused
11:42:58 AM Recording Resumed
11:43:12 AM Sen. Montford to Ms. Stringer
11:43:45 AM Ms. Stringer in response
11:44:02 AM Sen. Montford for a follow-up
11:44:24 AM Ms. Stringer in response
11:45:03 AM Chair
11:45:47 AM Tab 3 - SB 470 by Brandes
11:46:25 AM Chair
11:46:30 AM Sen. Montford
11:47:05 AM Sen. Brandes in response
11:47:13 AM Chair
11:48:41 AM Sen. Brandes in response to Chair
11:49:16 AM Chair
11:49:18 AM Sen. Clemens
11:49:41 AM Chair
11:49:44 AM Sen. Montford
11:49:47 AM Chair
11:49:49 AM Sen. Sobel
11:50:19 AM Chair
11:51:06 AM Bill Campman, Principal Solution Specialist, cloud, Microsoft, New Port Richey
11:54:42 AM Chair
11:54:48 AM Janyth Righter, ED, Florida Public Broadcasting, speaking on FL PBS Learning Media
11:58:27 AM Chair
11:58:36 AM Rita Vasquez, ED, High School Education, Pinellas School Dist., Largo
11:59:34 AM Sen. Brandes
12:00:16 PM Sen. Brandes moves to rise
12:00:37 PM Meeting Adjourned

The Florida Senate
State Senator René García
38th District

Please reply to:

☐ **District Office:**

1490 West 68 Street
Suite # 201
Hialeah, FL 33014
Phone# (305) 364-3100

December 3rd, 2015

The Honorable John Legg
Chair, PreK-12 Education Committee
415 Knott Building
404 S. Monroe Street
Tallahassee, FL 32399-1100

Dear Senator Legg:

Please excuse my absence from the PreK-12 Education Committee on December 3rd, as I had an urgent matter to attend to during the time the committee was scheduled.

Sincerely,



State Senator René García
District 38
RG:AD

CC: Theresa Klebacha, Michelle Perez

Committees: Appropriations Subcommittee on Health & Human Services, Chairman, Appropriations, Children, Families, and Elderly Affairs, Health Policy, Agriculture, Education Pre-K – 12, Joint Legislative Budget Committee and Communications, Energy and Public Utilities.