

The Florida Senate
COMMITTEE MEETING EXPANDED AGENDA

EDUCATION PRE-K -12
Senator Simon, Chair
Senator Burgess, Vice Chair

MEETING DATE: Tuesday, January 24, 2023

TIME: 9:30—11:30 a.m.

PLACE: *Pat Thomas Committee Room, 412 Knott Building*

MEMBERS: Senator Simon, Chair; Senator Burgess, Vice Chair; Senators Avila, Berman, Calatayud, Collins, Grall, Hutson, Jones, Osgood, Perry, and Yarborough

		BILL DESCRIPTION and SENATE COMMITTEE ACTIONS	COMMITTEE ACTION
TAB	BILL NO. and INTRODUCER		
1	Presentations by the Department of Education, Orange County Public Schools, and the Florida FFA on efforts to increase secondary student participation in career and technical education		Presented
Other Related Meeting Documents			



GET THERE

Florida's Workforce Education Initiative

**Senate PreK-12
Education
Committee
Presentation**

Career and Technical Education (CTE) Overview



Florida's 17 Career and Technical Education (CTE) Pathways



Agriculture, Food & Natural Resources



Architecture & Construction



Arts, A/V Technology & Communication



Business Management & Administration



Education & Training



Energy



Engineering & Technology Education



Finance



Government & Public Administration



Health Science



Hospitality & Tourism



Human Services



Information Technology



Law, Public Safety & Security



Manufacturing

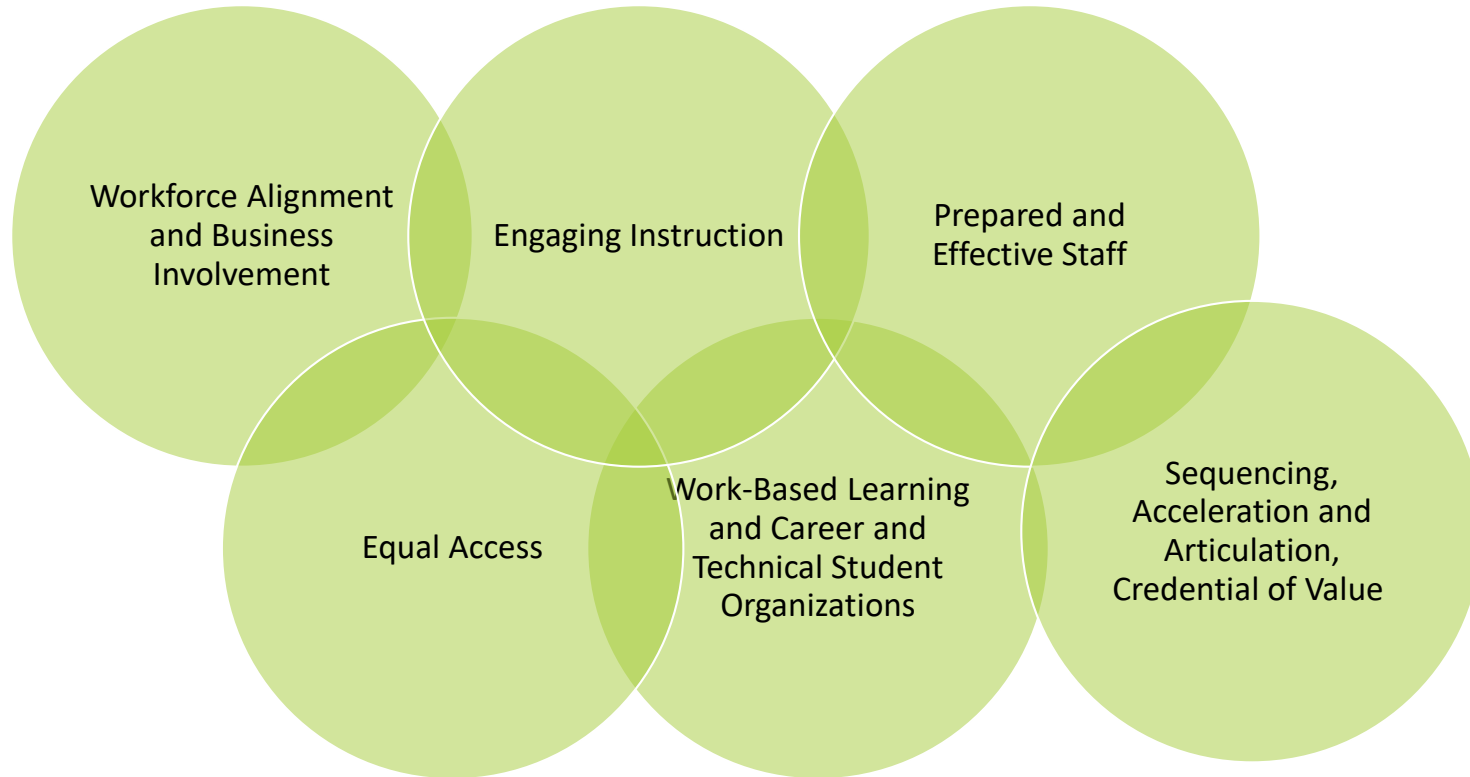


Marketing, Sales & Service



Transportation, Distribution & Logistics

Quality Components of CTE Programs



Types of CTE Programs/Courses

Career Exploratory	Career Preparatory	Technology Education	Work-based Learning and Capstone Courses	Other
Middle grades CTE courses that introduce students to the various career clusters, pathways and occupations to help students discover career interests and prepare for advanced CTE study in high school.	High school credit bearing courses in a CTE program that train for a specific occupation, which may require continued study at the postsecondary level.	Technology education programs are not career preparatory in nature but rather provide broad foundational knowledge and skills in fields that generally require a baccalaureate degree such as engineering.	Culminating courses that connect classroom theory to practice in a real world setting or allow students to conduct an in-depth research project aligned to their CTE program.	Legacy life and family management courses that are not part of a CTE pathway and do not train for occupations or advanced postsecondary study.
Grades 6-8	Grades 9-12	Grades 6-12	Grades 9-12	Grades 9-12

Key Partners in Quality CTE Delivery

Career and Technical Student Organizations enhance student learning through contextual instruction, leadership and personal development, applied learning and real-world application.

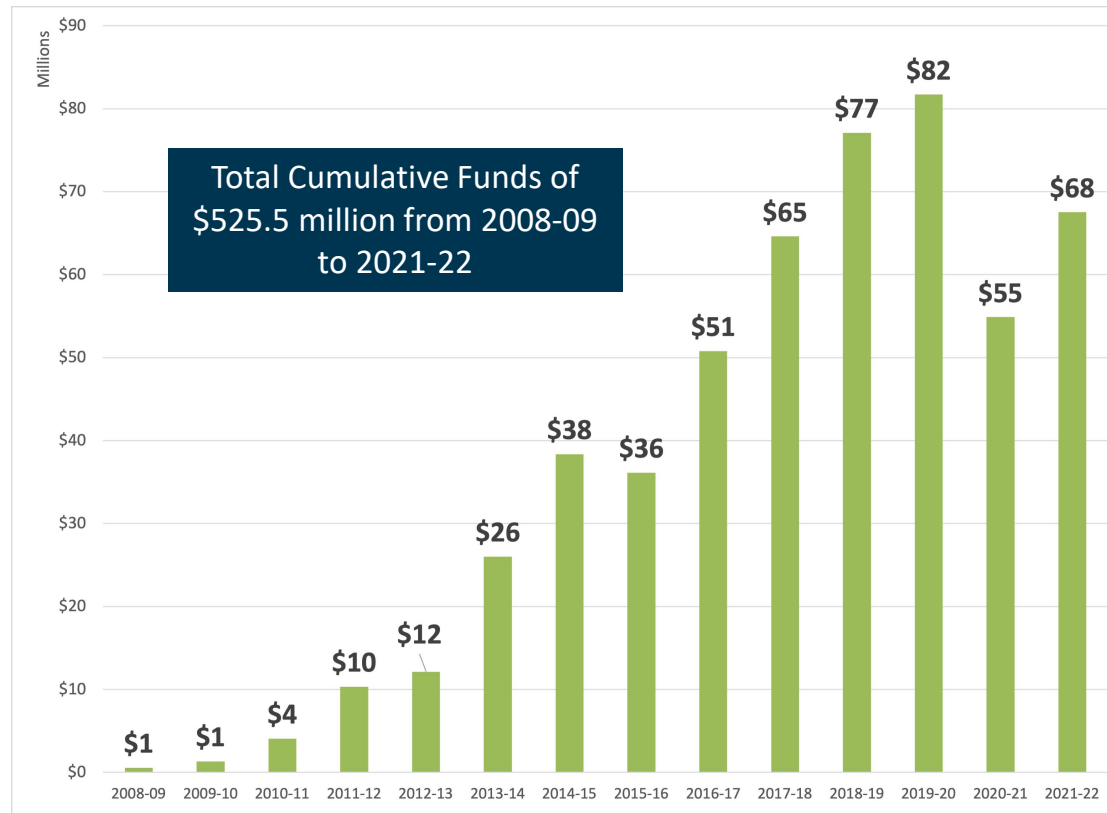
Cluster	Student Organization(s)
Agricultural, Food, and Natural Resources	FFA (formerly Future Farmers of America)
Architecture and Construction	SkillsUSA, Technology Student Association
Arts, Audio/Video Technology, and Communication	SkillsUSA, FFA, Technology Student Association
Education and Training	Family, Career and Community Leaders of America, Florida Future Educators of America
Energy	Technology Student Association
Finance	Business Professionals of America, DECA (formerly Distributive Education Clubs of America), Future Business Leaders of America
Government and Public Administration	Future Business Leaders of America, Business Professionals of America, Family, Career and Community Leaders of America, DECA
Health Science	HOSA-Future Health Professionals (formerly Health Occupations Students of America)
Hospitality and Tourism	Family, Career and Community Leaders of America, DECA, SkillsUSA
Human Services/Family and Consumer Sciences	SkillsUSA; Family, Career and Community Leaders of America
Information Technology	Business Professionals of America, Future Business Leaders of America, SkillsUSA, Technology Student Association
Law, Public Safety, Corrections, and Security	SkillsUSA or Florida Public Safety Association
Manufacturing	Business Professionals of America, DECA, Future Business Leaders of America
Marketing	Business Professionals of America, DECA, Future Business Leaders America, Technology Student Association, SkillsUSA
Engineering and Technology Education	SkillsUSA or Technology Student Association
Transportation, Distribution, and Logistics	SkillsUSA, Technology Student Association

Funding Sources for CTE Programs and Courses Funded

Funding Source	Description	Est. Funding in 2021-22
Florida Education Finance Program (FEFP) - Course FTE (9-12)*	FTE-based funding for courses classified as program 300 in the FEFP Calculation	Unweighted FTE = 68,443.39 ≈ \$300,000,000
FEFP - Additional FTE For Industry Certifications	Annual calculation of additional FTE based upon fundable industry certifications	Additional FTE = 15,498.59 \$67,515.131
Pathways to Career Opportunities Grant (PCOG)	Competitive grants for the expansion of registered apprenticeship and pre-apprenticeship programs	\$1,467,252
Federal Perkins	K-12 programs may be funded with several types of Perkins grants with most funds determined by a required federal formula	Formula/Reserve: \$33,606,755 Rural: \$2,375,000 Entrepreneurship: \$1,161,206

*Does not include 6-8 course activity

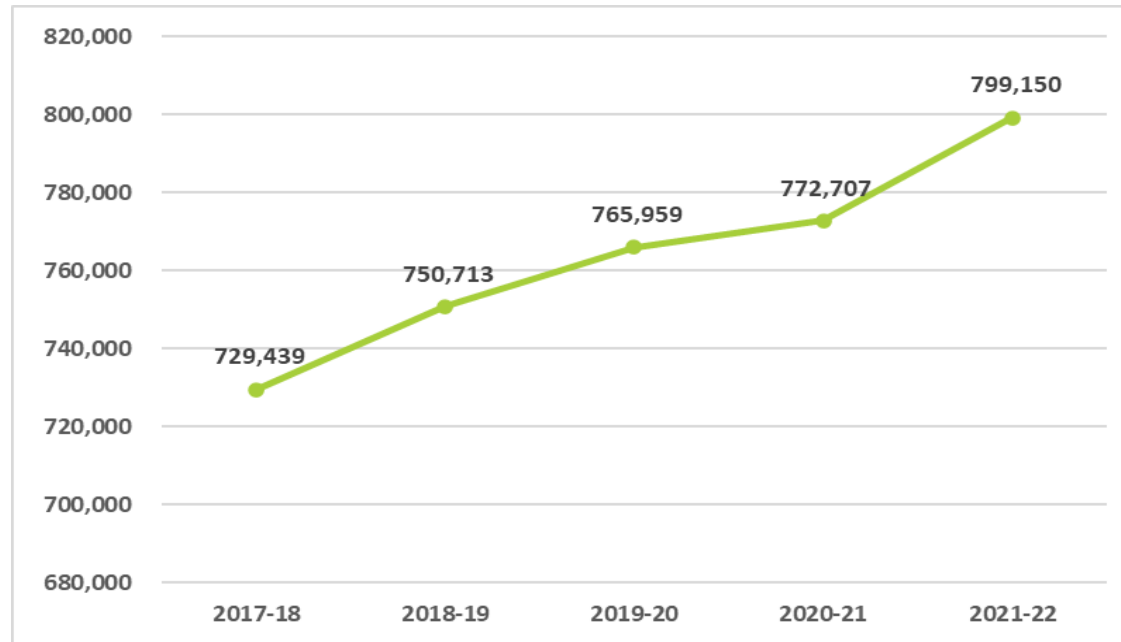
CAPE Funding History in the Florida Education Finance Program (FEFP)



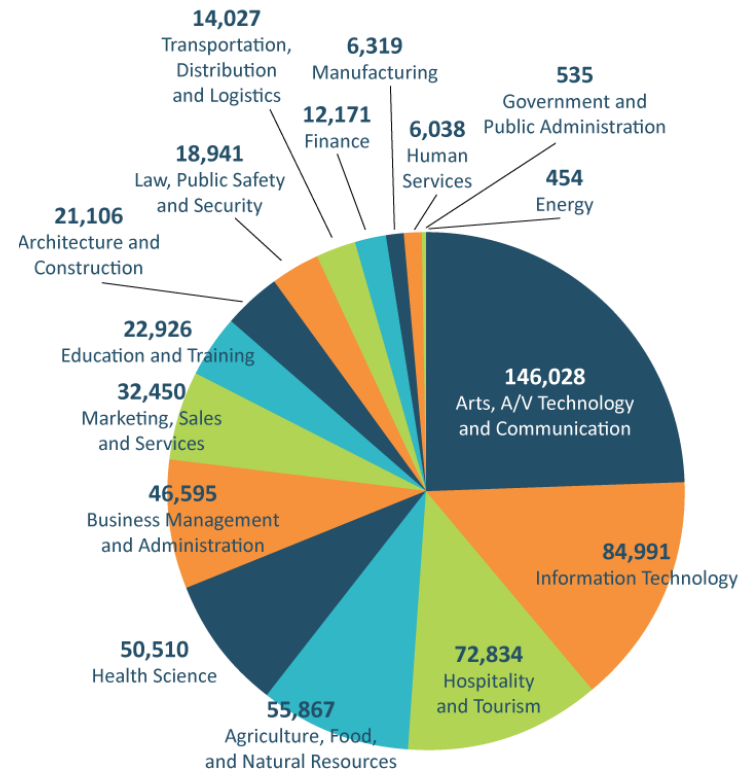
Secondary CTE by the Numbers



Secondary CTE Enrollment Trends

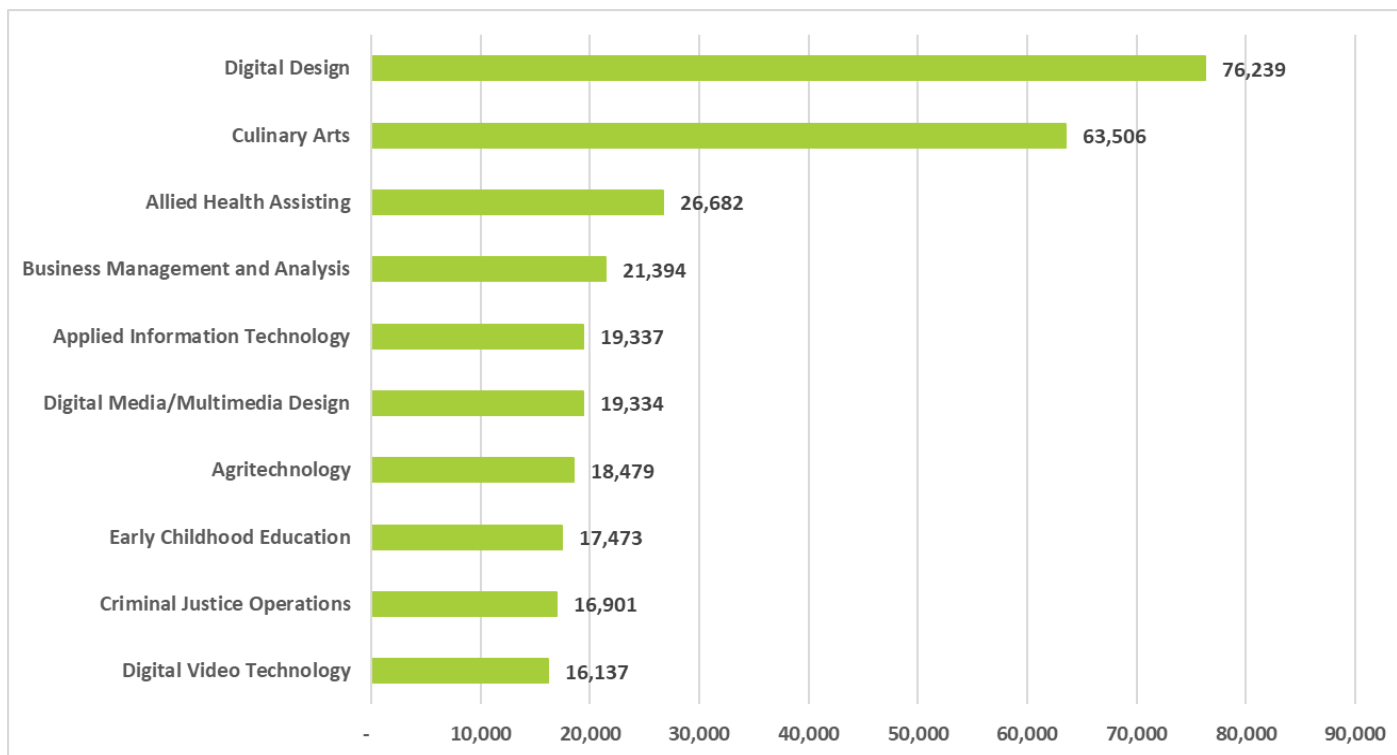


Secondary Career Preparatory Enrollments by CTE Pathway, 2021-22

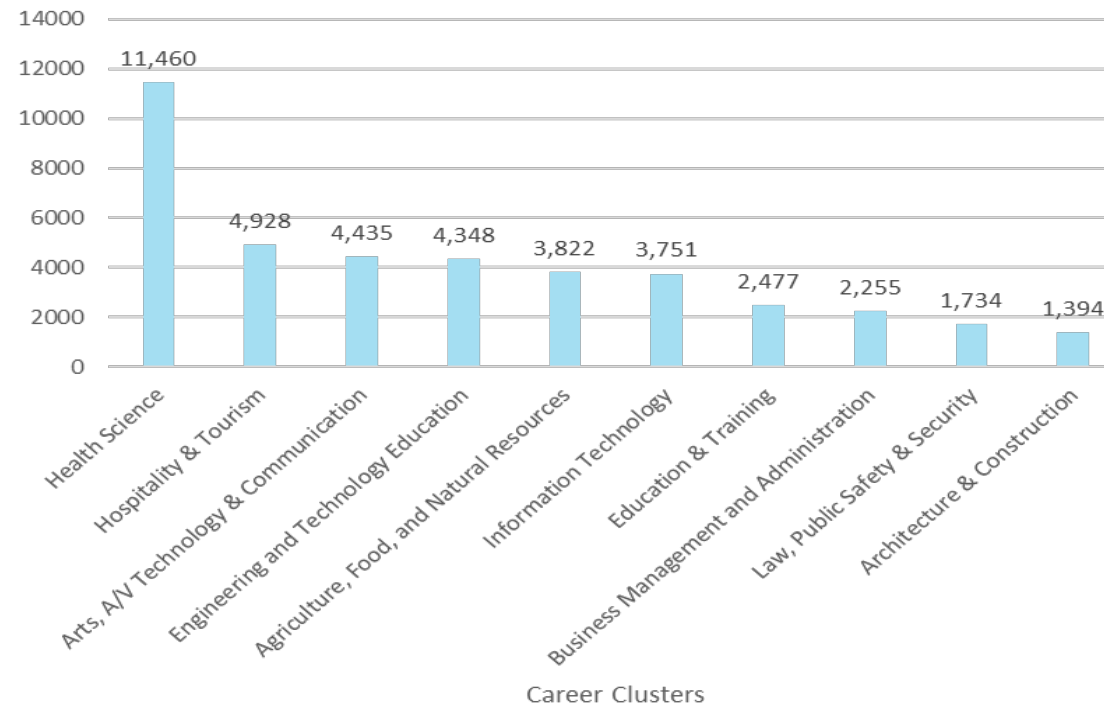


Total = 591,792

Top Secondary Career Preparatory Program Enrollments, 2021-22



Top Ten CTE Pathways for 12th Grade Concentrators, 2020-21



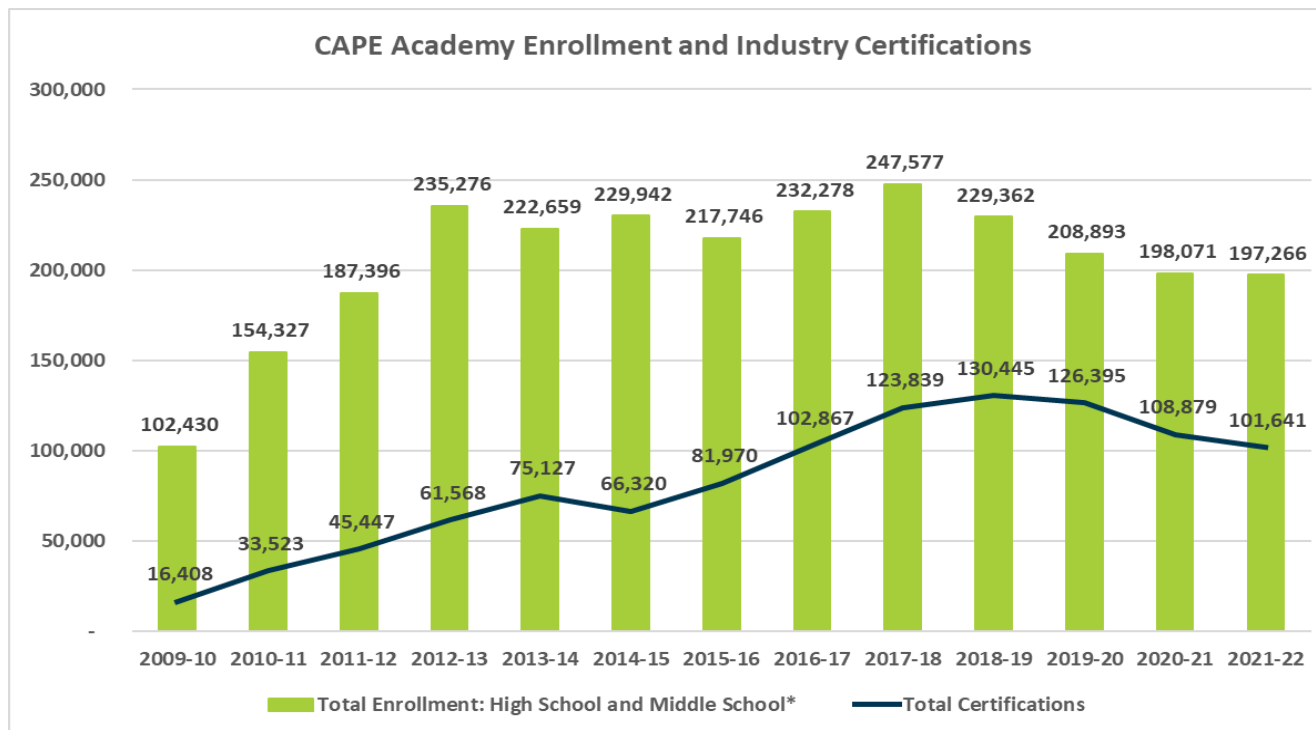
CTE Quality Audit Concentrators By the Numbers

The total number of 12th Graders who were concentrators in at least one program for 2020-21 was 45,470.*

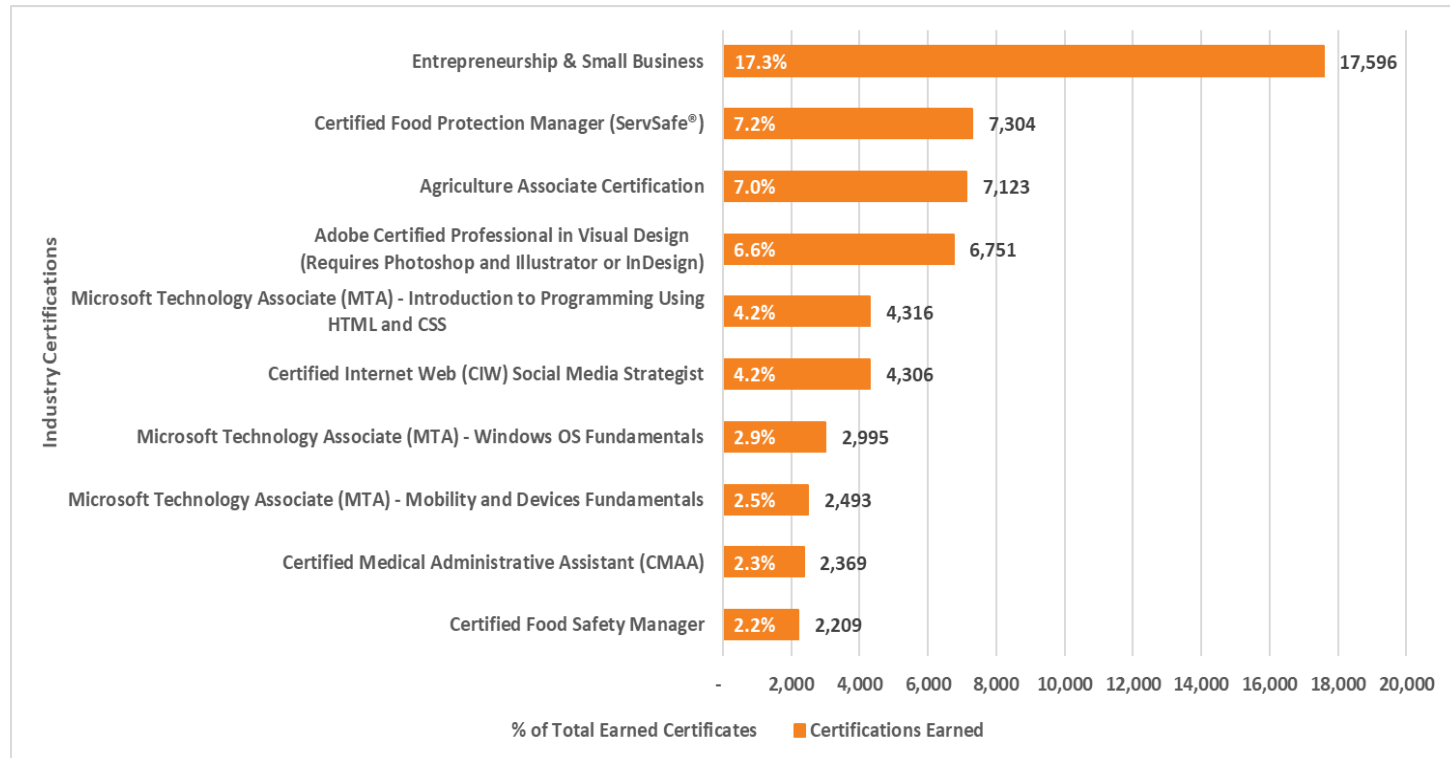
Career Cluster	Percentage of 2020-21 12th Graders, Concentrators in Program in Middle/ High School, Earning At Least One Industry Certification	Graduation Rate (%) Among 2020-21 CTE Concentrators
Health Science	69%	99%
Hospitality & Tourism	57%	97%
Arts, A/V Technology & Communication	76%	98%
Engineering and Technology Education	71%	98%
Agriculture, Food, and Natural Resources	66%	97%
Information Technology	78%	97%
Education & Training	47%	98%
Business Management and Administration	70%	98%
Law, Public Safety & Security	32%	98%
Architecture & Construction	64%	97%
Finance	69%	99%
Transportation, Distribution & Logistics	54%	95%
Marketing, Sales & Services	59%	99%
Manufacturing	64%	97%
Human Services	19%	96%
Government & Public Administration	10%	99%
Energy	88%	95%
Grand Total/Percent	65%	98%

*Calculation limited to students who were in the same districts for all four years.

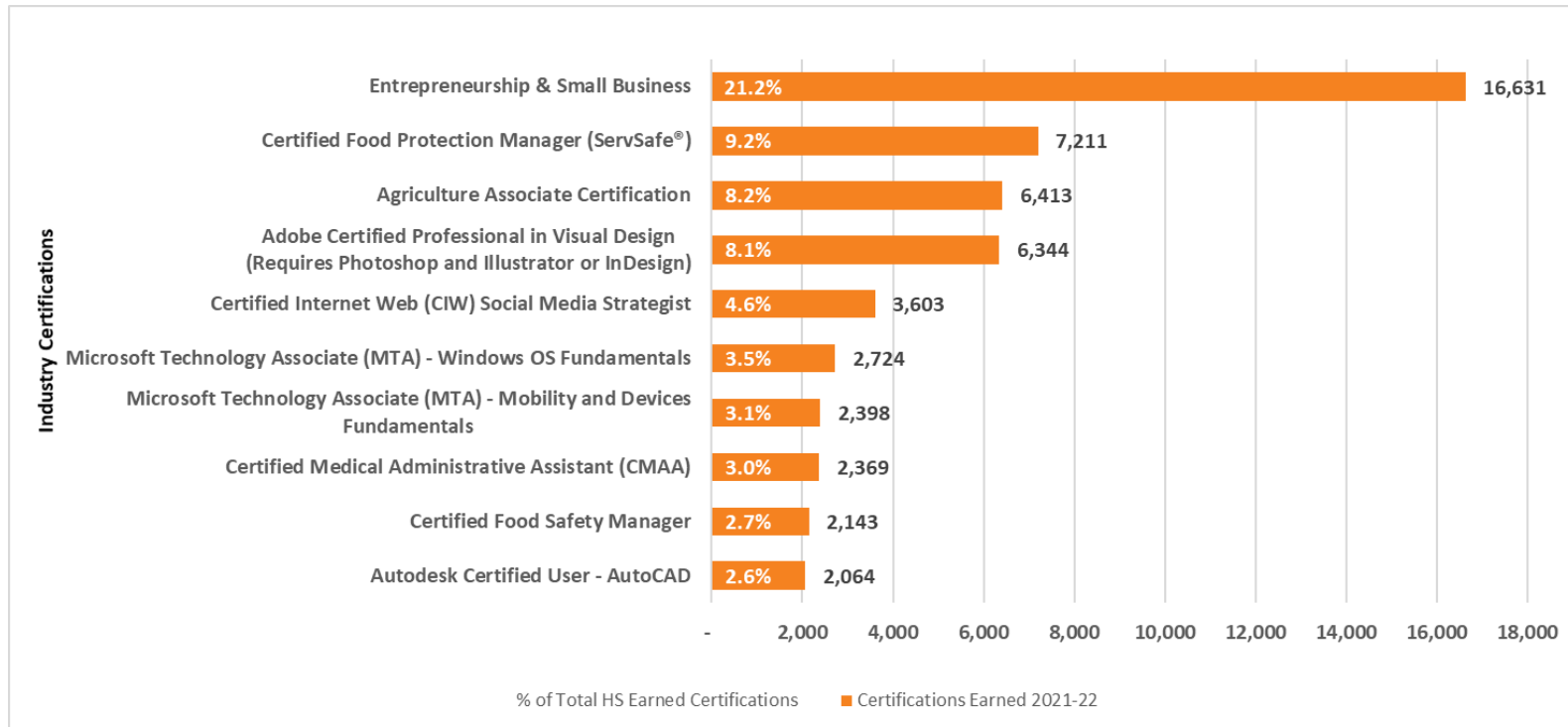
CAPE Academy Enrollment and Industry Certifications Earned



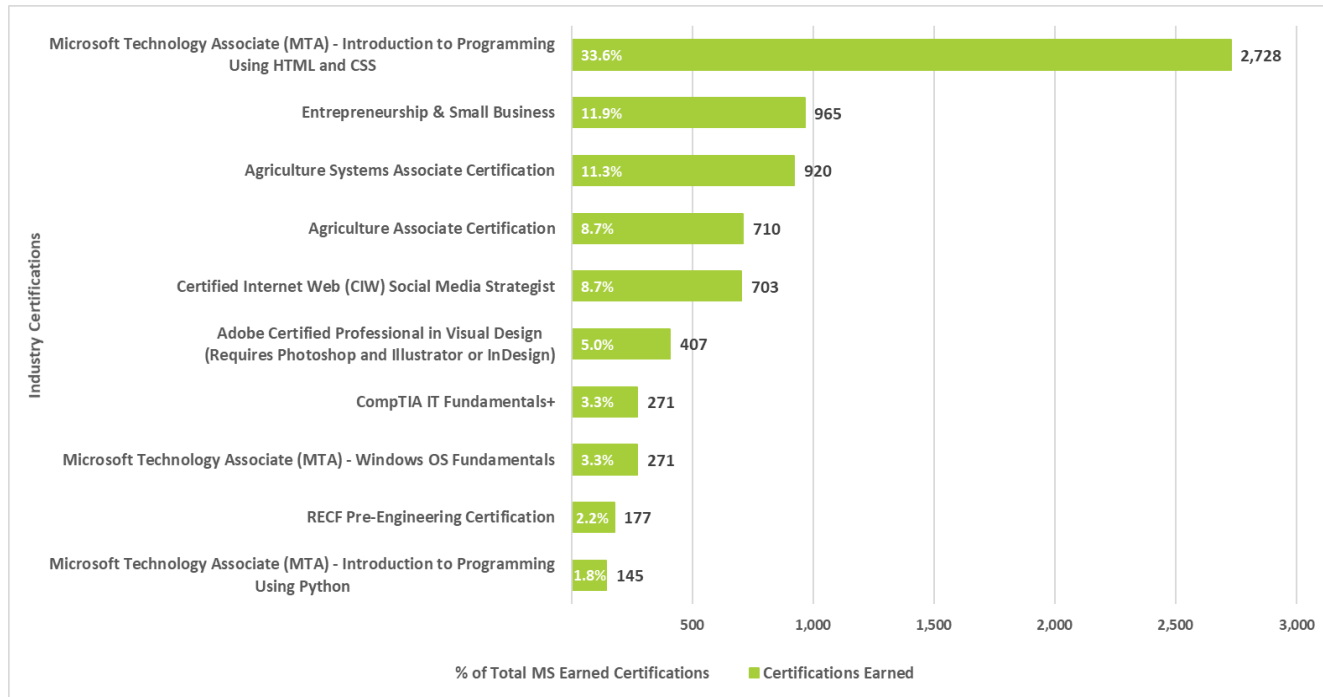
Top 10 Earned Certifications, 2021-22



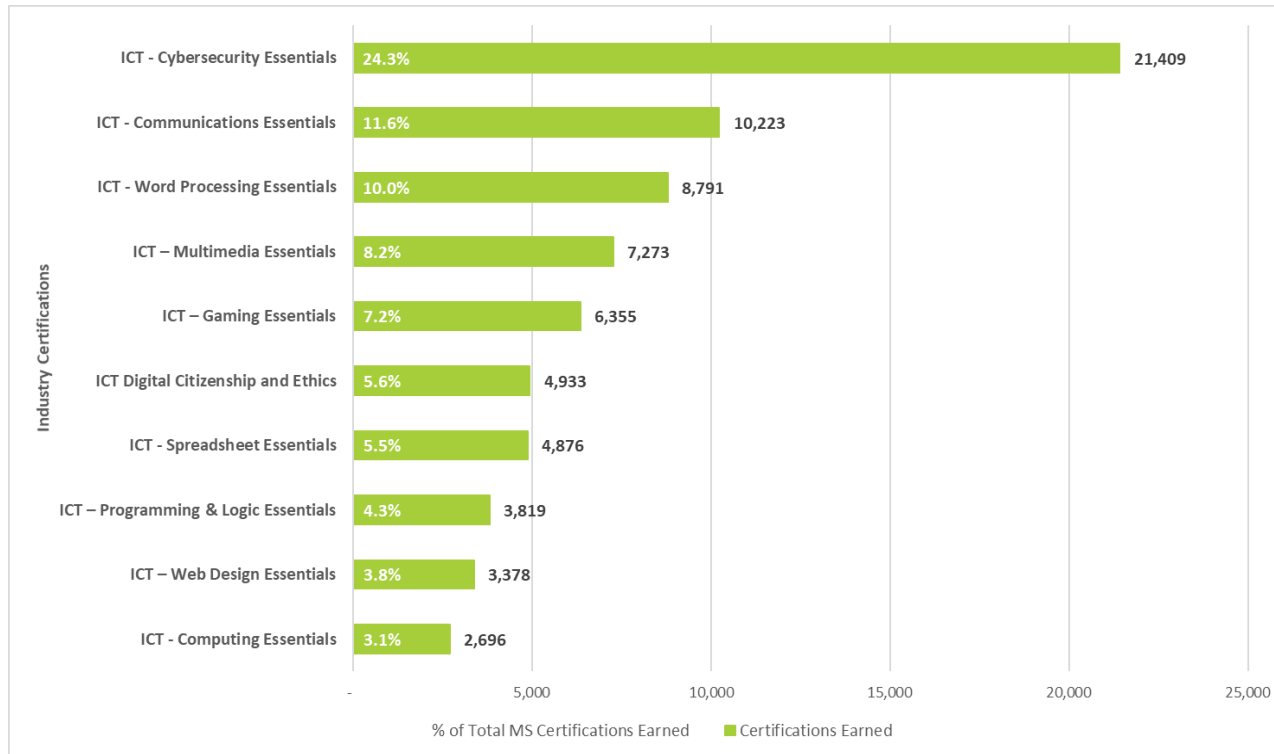
Top Certifications Earned by High School Students, 2021-22



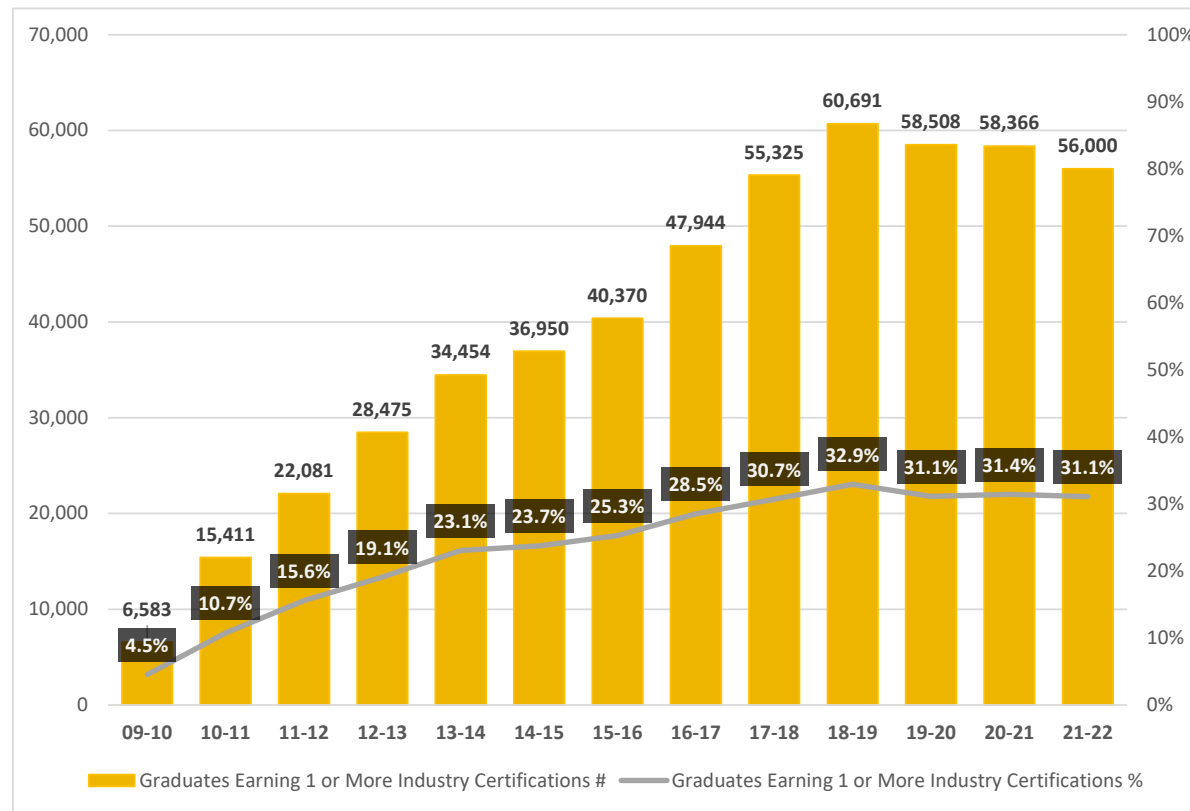
Top Certifications Earned by Middle Grades Students, 2021-22



Top Digital Schools Certifications Earned by Middle Grades Students, 2021-22



Percentage and Number of Students Graduating with an Industry Certification



Future of Work Florida



Future of Work Florida

- The Future of Work Florida, a proponent of Get There, will galvanize support for career and technical education. The Future of Work Florida will proclaim to businesses, parents and students that Florida has a dynamic, long-term plan to fuel the future.

FUTURE OF WORK FLORIDA

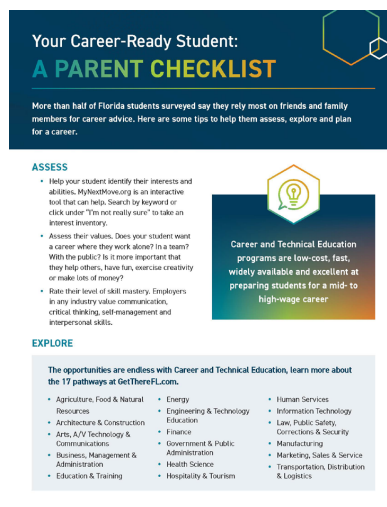


Future of Work Florida Campaign Resources

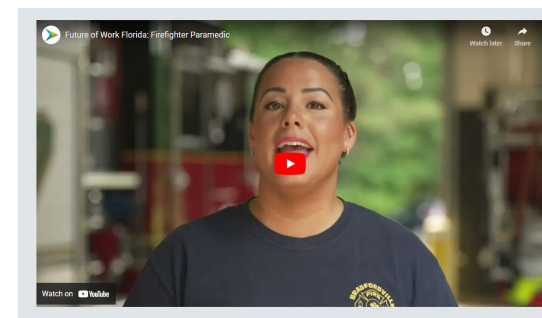
The Action Toolkit



A Parent Checklist



Video Series



Thank You



Reimagining Career and Technical Education for a New Generation

Melanie Stefanowicz, Ed.D.

January 24, 2023



**Orange County
Public Schools**

How We Got Here – Our Challenge

- Covid-19 Pandemic Response
- Digital Transformation / Innovation
- Supporting Our Local Workforce



Reimagining the Career Pathways Model



Engaging Business and Industry

ORLANDO
HEALTH®

SIEMENS



WALT DISNEY WORLD®

resolute tissue



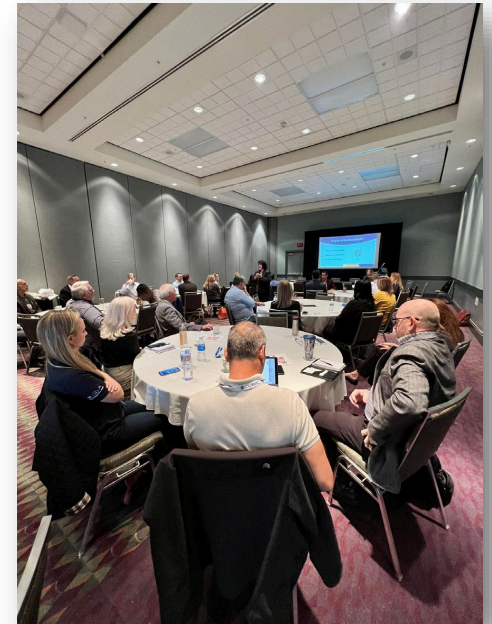
Purpose of the Roundtables Approach

- Gather Industry Stakeholder Feedback
- Create Engaging Student Experiences
- Strengthen Educational Relevancy through Re-imagination and Innovation



PURPOSE

Engaging Business and Industry



Key Takeaways

- **Demand** - significant lack of qualified candidates at all levels/sectors
- **Industry Collaboration** - structured and predictable frameworks
- **Student Preparedness** - exposure to the realities of work, soft skills

Key Takeaways

- **Innovative Scheduling** - providing students flexible class/work hours
- **Technical Skills v Degrees** - transition to skills-based training and hiring model
- **Badging (micro-credentialing)** - stackable onboarding and training

Plan in Action

Education

Emergency Covid funds fuel rapid worker training at Orange Tech

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Orange Technical College offers short-term training for high-demand careers in construction, manufacturing, transportation, health care and IT.


JIM CARICHO/OBJ

By Alex Soderstrom ~ Staff Writer, Orlando Business Journal
Apr 15, 2021, 11:12am EDT

RECOMMENDED

GOVERNMENT & REGULATIONS
What New York's adult-use cannabis industry can learn from its medical program

PHILANTHROPY & NONPROFITS
Local nonprofit seeks partners to expand Haitian technical institute



Danielle Stiles works with an instructor to learn information technology skills at Orange Technical College. A longtime server in the Central Florida area, she says the economic fallout of the pandemic helped nudge her to pursue a dream. (Julie Gargotta/Spectrum News)

TECH FIRM: PROOF, KIDS

Tech Firms Rethink, Retool, Rise to the Challenge

BY JULIE GARGOTTA | ORLANDO
UPDATED 11:45 PM ET JAN. 21, 2021 | PUBLISHED 5:45 PM ET JAN. 21, 2021

ORLANDO, Fla. — At 43, Danielle Stiles finally stepped through a door of opportunity.

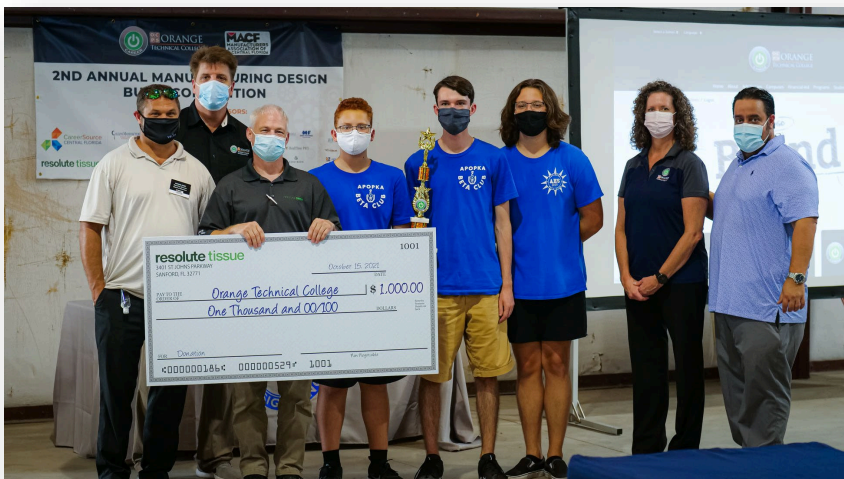
A bartender and server for more than 20 years, she decided to pursue a life-long dream to learn about computers and go back to school to obtain a job in information technology.

"I'm going to learn how to build a computer from the ground up, how to take a computer apart, how to troubleshoot it," Stiles said. "I've been wanting to do this for a long time, but I never had the gumption."

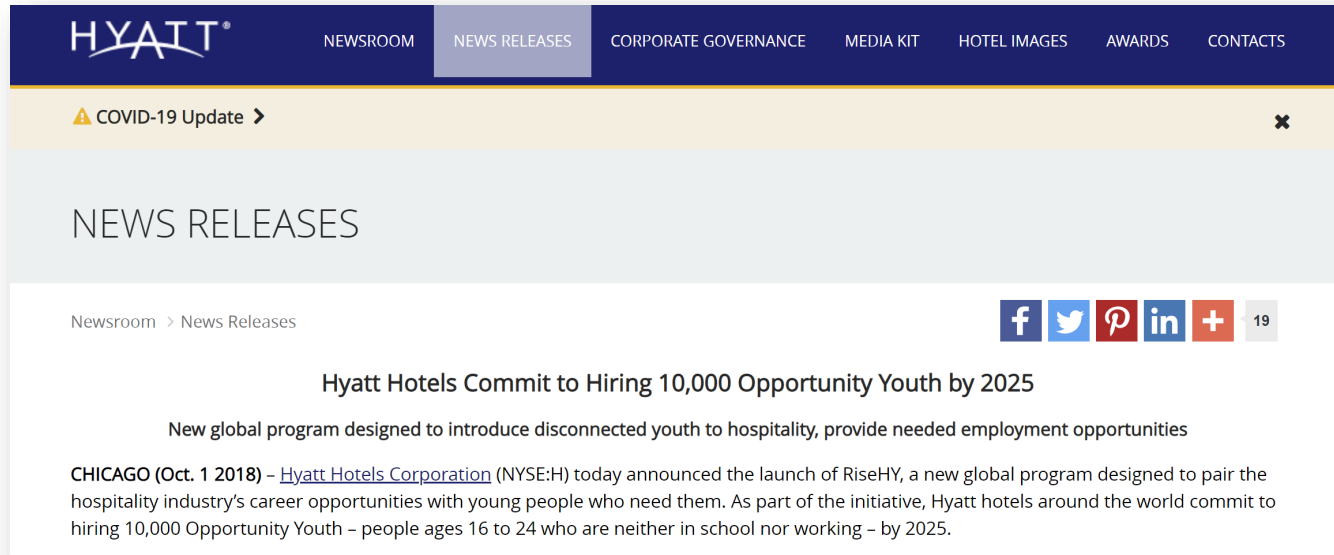
Positions Filling Fast

FEMA just posted new jobs in your area. Make up to \$2012 per paycheck.

Plan in Action



Plan in Action



Reimagining Education

- **New Program Development/Program Expansion** - results of CLNA, program audits
- **Student Internship Model** - side-by-side industry collaboration

AWARENESS

Kindergarten – Grade 12

EXPLORATION

Grades 8—12, Postsecondary

IMMERSION

Grades 9—12, Postsecondary

Reimagining Education

- **Advisory Boards** - the creation of sector-based, specialized industry boards for secondary programs
- **Experiential Learning** - industry-centric, immersive student experiences

AWARENESS

Kindergarten – Grade 12

EXPLORATION

Grades 8—12, Postsecondary

IMMERSION

Grades 9—12, Postsecondary

Reimagining Education

- **Student-Centric Scheduling Model** - innovative, customizable
- **Curriculum Transformation** - integration of core academics
- **Career Guidance** - career awareness, exploration, and guidance
- **Regionalization** - working with regional partners to expand equitable access to adult students in CTE and adult education programs

Thank You

Questions and Discussion



FLORIDA FFA ASSOCIATION

The Next Generation of Agriculturalists

70%

By 2050, agricultural production will need to increase by 70% in order to feed 9 billion people. With less land, water, and resources.

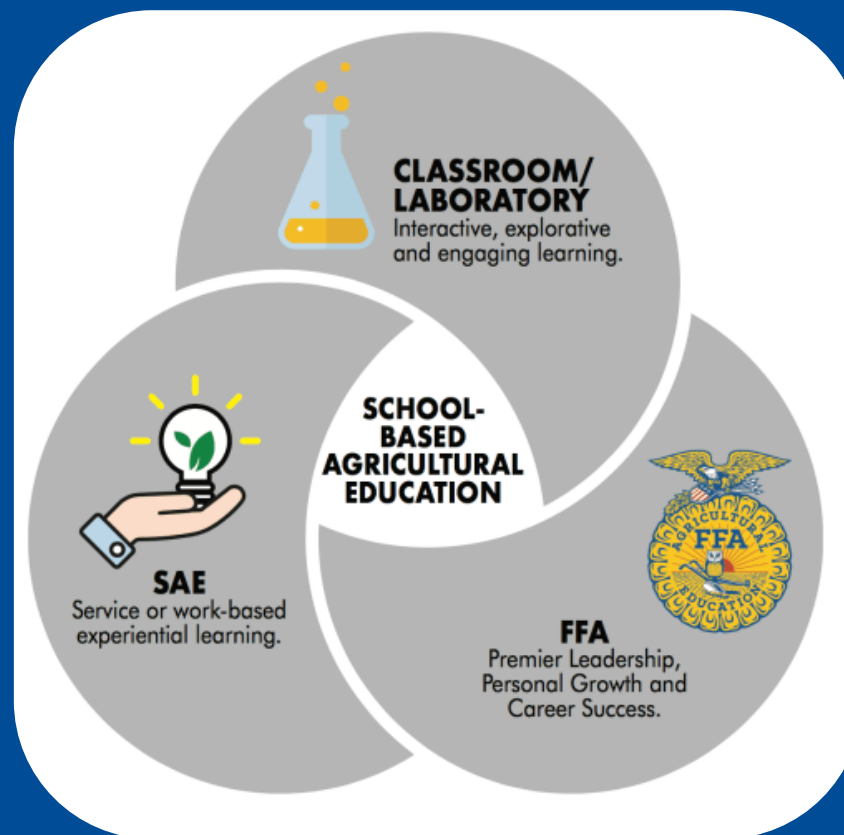
The future of agriculture is much more than farming. It's about the **next generation of agriculturalists** and a **new age of discovery**.





We are addressing a very key issue: the growing need for young, talented people in a variety of fields to consider a career in agriculture.

FFA is the most recognized component of agricultural education, but Supervised Agricultural Experiences and the classroom create a complete experience for our students.



A faint, stylized illustration of an eagle with its wings spread, perched on a shield. The shield features a design of stars and stripes, reminiscent of the American flag. The entire image is rendered in a monochromatic blue color scheme against a dark blue background.

33 farm boys started the organization in 1928, and now over 735,000 members nationally are developing their potential for premier leadership, personal growth and career success through agricultural education and FFA.



FFA is only part of a comprehensive strategy to build a heroic workforce and reconnect people with agriculture.



Students can choose from eight different career pathways, preparing them for the workforce and college.



Supervised Agricultural Experiences allow students to gain real-world experience and apply their skills and knowledge from FFA and the classroom.



Agricultural education proudly provides students with one of the most complete educational experiences available.

We've got some work to do before 2050, but we're up for the challenge. Our growing pains are a positive sign:

- Record membership
- Record participation





Together, we'll face these issues in an effort to tackle a global challenge.



Anelise Bullard
State FFA President
2022-2023



95th Florida FFA State Convention & Expo June 19-23, 2023 – Orlando, FL

Contact Us:

Hilary Holley
Florida FFA Foundation
Director of Development
Hilary.Holley@flaffa.org

Ronnie Simmons
Florida FFA Association
Executive Director
Ronnie.Simmons@flaffa.org



THE FFA MISSION

FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

THE AGRICULTURAL EDUCATION MISSION

Agricultural education prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber and natural resource systems.

The Florida FFA Association is a resource and support organization that does not select, control, supervise or approve local chapter or individual member activities except as expressly provided for in the Florida FFA Constitution and Bylaws.

The Florida FFA Association affirms its belief in the value of all human beings and seeks diversity in its membership, leadership and staff as an equal opportunity employer.

The Florida Senate

APPEARANCE RECORD

Deliver both copies of this form to
Senate professional staff conducting the meeting

1/24/23

Meeting Date

Ed K-12

Committee

FFA

Bill Number or Topic

Amendment Barcode (if applicable)

Name Anerise Bullard

Phone (386) 365-7561

Address 5600 SW 34th St
Street

Email Anerise.Bullard@flaffa.org

Gainesville
City

FL
State

32608
Zip

Speaking:

☒

For

☐

Against

☐

Information

OR

Waive Speaking:

☐

In Support

☐

Against

PLEASE CHECK ONE OF THE FOLLOWING:

☒

I am appearing without
compensation or sponsorship.

☐

I am a registered lobbyist,
representing:

☐

I am not a lobbyist, but received
something of value for my appearance
(travel, meals, lodging, etc.),
sponsored by:

While it is a tradition to encourage public testimony, time may not permit all persons wishing to speak to be heard at this hearing. Those who do speak may be asked to limit their remarks so that as many persons as possible can be heard. If you have questions about registering to lobby please see Fla. Stat. §11.045 and Joint Rule 1. [2020-2022 Joint Rules.pdf \(flsenate.gov\)](#)

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

S-001 (08/10/2021)

The Florida Senate

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1-24-23

Meeting Date

Ed K-12

Committee

FFA

Bill Number or Topic

Amendment Barcode (if applicable)

Name

Hilary Holley

Phone

941-815-7901

Address

4445 Green Pond Rd.

Street

Email

hilary.holley@flaffa.org

Polk City

City

FL

State

33868

Zip

Speaking:



For



Against



Information

OR

Waive Speaking:



In Support



Against

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S-001 (08/10/2021)

1/24/23

Meeting Date

PreK-12 Education

Committee

The Florida Senate

APPEARANCE RECORD

Deliver both copies of this form to
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Senate PreK-12 Education

Bill Number or Topic

Amendment Barcode (if applicable)

Name **Kevin O' Farrell**

Phone **850-245-5037**

Address **352 W. Gaines Street**
Street

Email **cory.dowd@fldoe.org**

Tallahassee

FL

32304

City

State

Zip

Speaking: ☐ For ☐ Against ☒ Information

OR

Waive Speaking: ☐ In Support ☐ Against

PLEASE CHECK ONE OF THE FOLLOWING:

☒ I am appearing without
compensation or sponsorship.

☐ I am a registered lobbyist,
representing:

☐ I am not a lobbyist, but received
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S-001 (08/10/2021)

The Florida Senate

APPEARANCE RECORD

Jan. 24, 2023

Meeting Date

Pre-K-12 Ed Committee

Committee

CTE

Bill Number or Topic

Deliver both copies of this form to
Senate professional staff conducting the meeting

Amendment Barcode (if applicable)

Name

Melanie Stefanowicz

Phone

305-394-7807

Address

445 W. Amelia St

Street

Email

melanie.stefanowicz@ocps.net

Orlando

City

FL

State

Zip

Speaking: ☐ For ☐ Against ☐ Information

OR

Waive Speaking: ☐ In Support ☐ Against

PLEASE CHECK ONE OF THE FOLLOWING:



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S-001 (08/10/2021)

CourtSmart Tag Report

Room: KB 412 **Case No.:** -
Caption: Senate Education Pre-K - 12 Committee

Type:
Judge:

Started: 1/24/2023 9:31:09 AM
Ends: 1/24/2023 11:04:54 AM **Length:** 01:33:46

9:31:08 AM Meeting called to order
9:31:32 AM Roll call
9:31:51 AM Chair Simon comments
9:33:06 AM Tab 1 - Presentations by the DOE, Orange County Public Schools, and the Florida FFA on efforts to increase secondary student participation in career and technical education
9:33:07 AM Dr. Kevin O'Farrell, Chancellor for Career and Adult Education in the Department of Education
9:33:33 AM Presentation Get There - Florida's Workforce Education Initiative
9:53:01 AM Questions:
9:53:19 AM Chair Simon
9:54:09 AM Kevin O'Farrell
9:55:45 AM Senator Yarborough
9:56:05 AM Kevin O'Farrell
9:56:56 AM Senator Yarborough
9:57:50 AM Kevin O'Farrell
9:58:37 AM Senator Jones
9:59:37 AM Kevin O'Farrell
10:00:23 AM Senator Jones
10:01:11 AM Kevin O'Farrell
10:01:14 AM Senator Osgood
10:03:54 AM Kevin O'Farrell
10:04:57 AM Senator Hutson
10:05:30 AM Kevin O'Farrell
10:05:51 AM Senator Hutson
10:06:35 AM Kevin O'Farrell
10:06:52 AM Senator Hutson
10:07:09 AM Kevin O'Farrell
10:07:35 AM Senator Hutson
10:08:00 AM Kevin O'Farrell
10:08:44 AM Senator Berman
10:09:04 AM Kevin O'Farrell
10:09:12 AM Senator Berman
10:09:43 AM Kevin O'Farrell
10:09:58 AM Senator Berman
10:10:33 AM Kevin O'Farrell
10:11:12 AM Vice Chair Burgess
10:12:16 AM Kevin O'Farrell
10:13:07 AM Senator Perry
10:13:42 AM Kevin O'Farrell
10:14:41 AM Senator Perry comments
10:15:34 AM Senator Calatayud question
10:16:36 AM Kevin O'Farrell
10:17:02 AM Senator Osgood comments
10:19:30 AM Chair Simon comments
10:20:09 AM Dr. Melanie Stefanowicz, Associate Superintendent for Career and Technical Education for Orange County Public Schools
10:20:10 AM Presentation Reimagining Career and Technical Education for a New Generation
10:36:48 AM Questions:
10:36:55 AM Senator Jones
10:38:03 AM Chair Simon
10:38:26 AM Senator Jones
10:38:33 AM Senator Hutson
10:39:08 AM Dr. Melanie Stefanowicz

10:40:04 AM Senator Hutson
10:40:27 AM Dr. Melanie Stefanowicz
10:40:33 AM Senator Collins
10:40:51 AM Dr. Melanie Stefanowicz
10:41:44 AM Senator Collins
10:42:12 AM Dr. Melanie Stefanowicz
10:42:40 AM Senator Collins comments
10:43:03 AM Senator Calatayud
10:44:02 AM Dr. Melanie Stefanowicz
10:45:31 AM Chair Simon comments and question
10:46:38 AM Dr. Melanie Stefanowicz
10:46:54 AM Hilary Holley, Director of Development for the Florida FFA
10:46:55 AM Presentation Florida FFA Association, The Next Generation of Agriculturalists
10:55:29 AM Anelise Bullard, State FFA President 2022-2023
11:01:06 AM Hilary Holley
11:01:55 AM Chair Simon comments
11:02:19 AM Questions:
11:02:20 AM Senator Berman
11:02:31 AM Anelise Bullard
11:02:59 AM Senator Hutson
11:03:32 AM Hilary Holley
11:03:45 AM Senator Hutson
11:03:47 AM Hilary Holley
11:04:01 AM Chair Simon
11:04:32 AM Senator Collins moves to adjourn, meeting is adjourned