

FCAN WEBINAR

February 26, 2024
2 p.m. - 3 p.m. ET

Florida's Career and Technical Education System: Stackable Credentials, Funding for Students, & Local Efforts



Post-high school CTE programs prepare students for the skills needed for specific occupations or careers.

The webinar's will discuss financial aid and grant programs, how students can articulate up and 'stack' their credentials, and more.

Questions & Conversation

- Submit your questions in the box
- Share on social media
Twitter: @FLCollegeAccess
#FCAN
#TalentStrongFL

This webinar is being recorded; all materials will be available within a week of recording



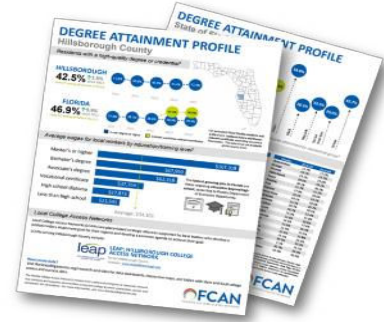
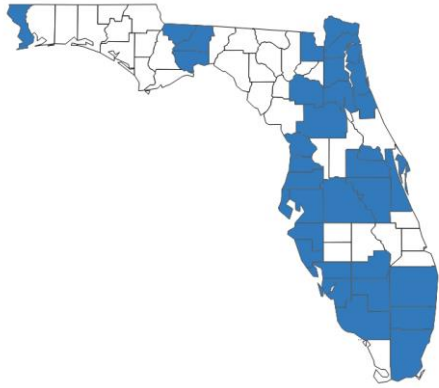
Our mission:

We lead the collaborative movement to ensure every Floridian achieves an education beyond high school and a rewarding career.

Our vision:

A Florida working together, where education is the pathway to economic mobility for all.

FCAN's Work



Research and Data: FCAN publishes research and data on evidence-based practices and policy opportunities to strengthen Florida's talent pool.

Advocacy: FCAN engages with stakeholders, policy makers and community-based organizations to find ways for improving every students' postsecondary journey.

Storytelling: FCAN focuses on students and their communities to understand and share the impacts of Florida's education policy.

Local college access networks (LCANs): FCAN provides financial supports and technical assistance to local coalitions made up of community leaders who come together to create solutions and partnerships to support local talent development.



Statewide Initiatives: FCAN coordinates 4 College Ready Florida initiatives that provides schools and community organizations resources to help students continue their education after high school.

Convenings for Collaboration: FCAN hosts and facilitates data-driven, solutions-oriented conversations with student success leaders at the community-based, institutional, and statewide levels.

7 Conditions for Success

Opportunity for everyone: To build a talent-strong economy, all Floridians need access to a postsecondary education and the supports to complete it.

Clear information and guidance: Students and families need exposure and counseling early and often to make informed decisions about their futures.

Affordability: Postsecondary education needs to be within everyone's financial reach, regardless of household income or life circumstances.

Multiple pathways to success: Floridians benefit from multiple learning opportunities for academic achievement and career advancement.

Lifelong learning: No degree or credential is “one and done;” Floridians need to prepare for career changes through continuous learning.

Effective use of data: Transparent access to data on education and economic outcomes, especially for Florida's diverse populations, helps achieve our goals.

Community collaboration: When community partners work together toward a shared vision, they remove barriers, build a robust workforce, and improve the quality of life for their regions.

Career and technical education (CTE) is a broad term that offers students “organized educational activities providing both academic content and technical skills in current or emerging professions and builds pathways connecting education and the workforce.”*

*(American Educational Research Administration, 2021)

CTE to Degree Advocacy

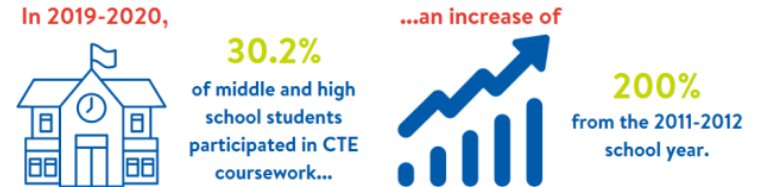
- Without seamless pathways, transferring schools can be complicated
- Students and employers benefit from more options
- Pathways support nontraditional students
- Office of Program Policy Analysis and Government Accountability (OPPAGA) released a report (2023) that stated only 5% of students who went on to enroll in their second credential actually completed it.

Maximizing CTE as a Tool for
Workforce Development
Degree Pathways for CTE Students in Florida

FLORIDA
COLLEGE ACCESS NETWORK
November 2022

Overview of CTE in Florida

In 2019, Governor DeSantis signed a [workforce bill](#) prioritizing workforce readiness and Career and Technical Education (CTE), which included expanding workforce education into high schools. The following school year, more than 30% of middle and high school students participated in CTE coursework. Today, with over 700,000 students enrolled in a CTE program at the K-12 level, and over 400,000 students enrolled in a CTE program at the postsecondary level, CTE is a [major part of workforce readiness in Florida](#).



CTE assists the state and its workers in responding to changing workforce demands while providing students with multiple options to further their education and earn more money. However, Florida lacks seamless pathways that allow students to transition their CTE credits along the state's higher education pathways. [Some local pathways and articulation agreements exist](#), but without a statewide, seamless pipeline, credentials earned through CTE programs may not transfer to state colleges, limiting students' ability to transfer and earn a degree. Because some workforce credentials may be time-limited, articulation to a degree can reduce unnecessary duplication of effort, training, time, and money in the future.

Florida already has a nationally-recognized [2+2 transfer pathway](#), allowing students to transition seamlessly from a state college to a state university. Students can apply 60 credits earned as part of the AA degree towards a 4-year degree. This pathway increases postsecondary access and attainment. As we continue to expand workforce education opportunities, and students increasingly take CTE coursework at secondary and postsecondary institutions, students need pathways that ensure they do not lose credit for prior learning and can articulate CTE credentials to degrees.

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COLLEGE ACCESS NETWORK

Featured Presenters



Lee Chipps-Walton

Director of the Office of Career
and Technical Education
Florida Department of
Education



Dr. Jackie Skyrd

Vice President of Workforce
Development and Corporate
Partnerships
St. Petersburg College



John Monda

Director of Lorenzo Walker
Technical College
Collier County Public
Schools

Career & Technical Education – Florida's Career Readiness Engine

*Lee Chipps-Walton, Florida Department
of Education*

John Monda, Lorenzo Walker Technical College

Jackie Skryd, St. Petersburg College







Presentation Preview






- Highlight Florida's Career and Technical Education (CTE) system
- Showcase CTE programs from:
 - Lorenzo Walker Technical College
 - St. Petersburg College

Start with the End: *Better Careers Faster*

'Better Careers':

-  Are in growing industries that are hiring.
-  Pay family-sustaining wages.
-  Offer advancement opportunities.
-  Are chosen based on the student's own informed choice.

'Faster' means:

-  Students start to explore, plan and prepare for careers early.
-  Education results in an industry-recognized stackable credential.
-  Offering accelerated credit opportunities and graduation pathways.
-  Skill building - employability, technical and career navigation skills.
-  Growing the student's industry social network.

The Evidence Is In – CTE Works!

There is significant evidence that supports that students who have had multiple CTE courses in high school are:



More likely to graduate high school.



More likely to go on to postsecondary.

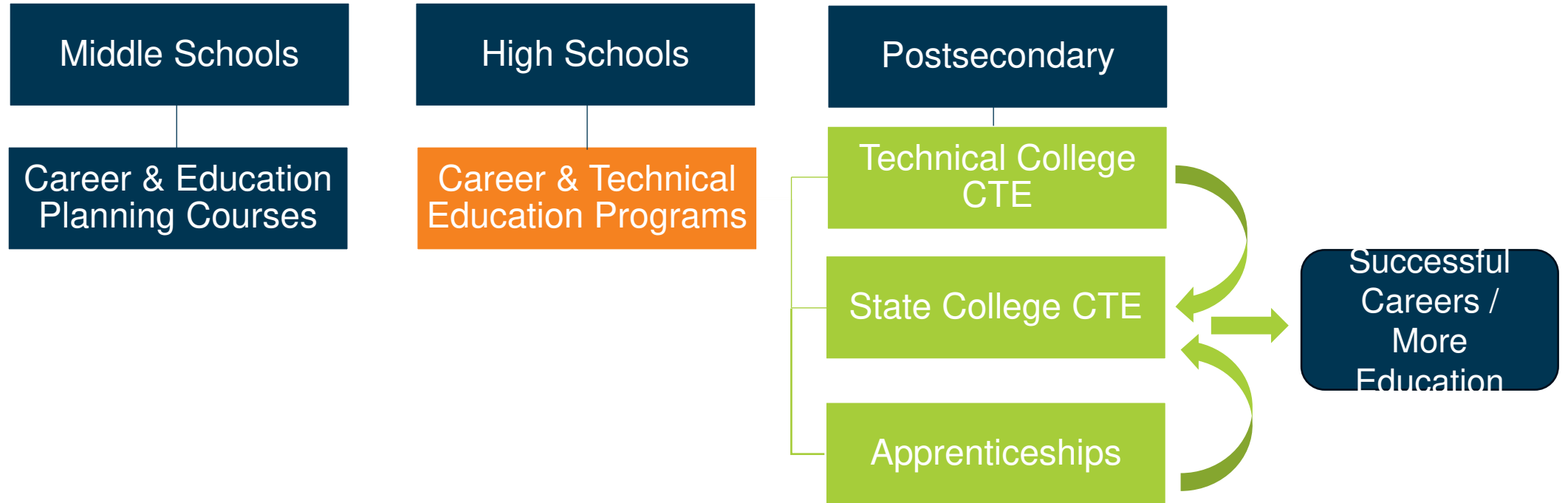


More likely to be employed.



More likely to have a higher starting salary.

Career and Technical Education in Florida



How Is CTE Funded?

Funding to Districts/Colleges

Federal Sources

- Perkins
- WIOA (Integrated Education and Training)

State Sources

- Formula-based funding
- Performance-based funding
- Strategic Initiatives Funding
 - Workforce Development Capitalization Incentive Grant
 - Pathways to Career Opportunities Grant (Apprenticeships)
 - LINE & PIPELINE (Nursing)

Local Sources

- Tuition and fees
- Grants
- Local appropriations
- Local foundations and business partnerships

Funding to Students

Federal Sources

- Grants, scholarships, work-study, loans

State

- Open Door Grant Program
- Florida Bright Futures – Gold Seal CAPE Scholarship & the Gold Seal Vocational Scholarship

Local

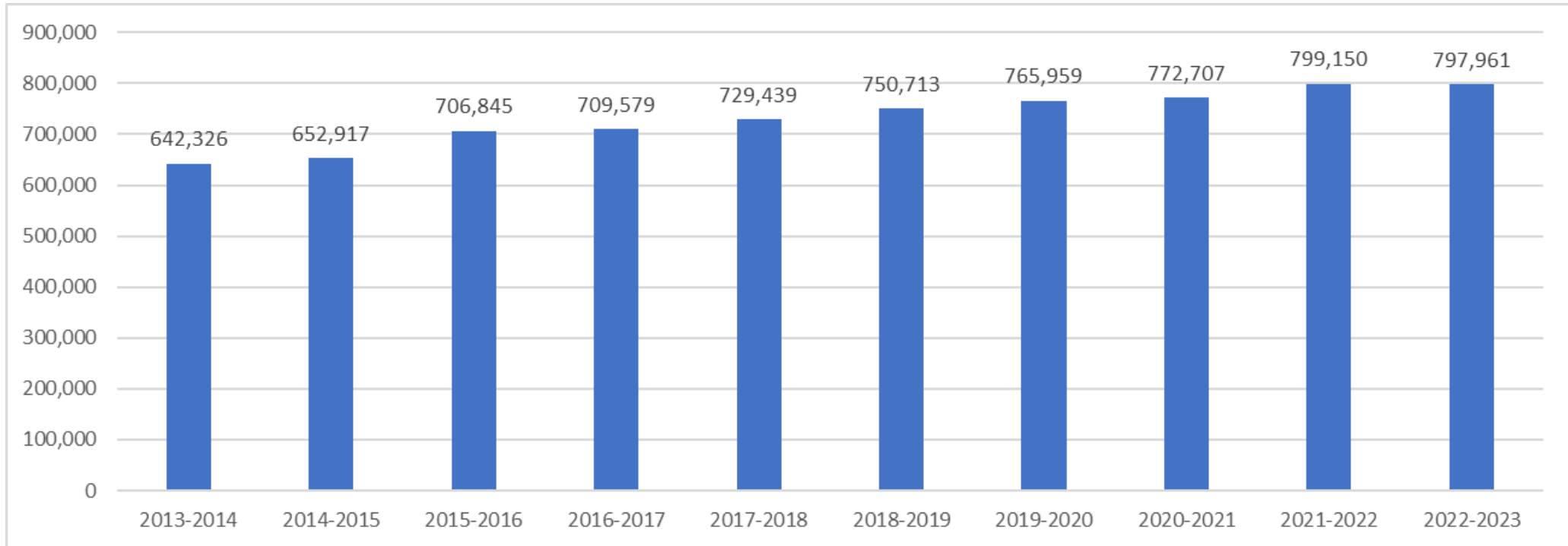
- Local scholarships and programs

CTE Pathways

CTE is for all students and includes 17 career pathways.



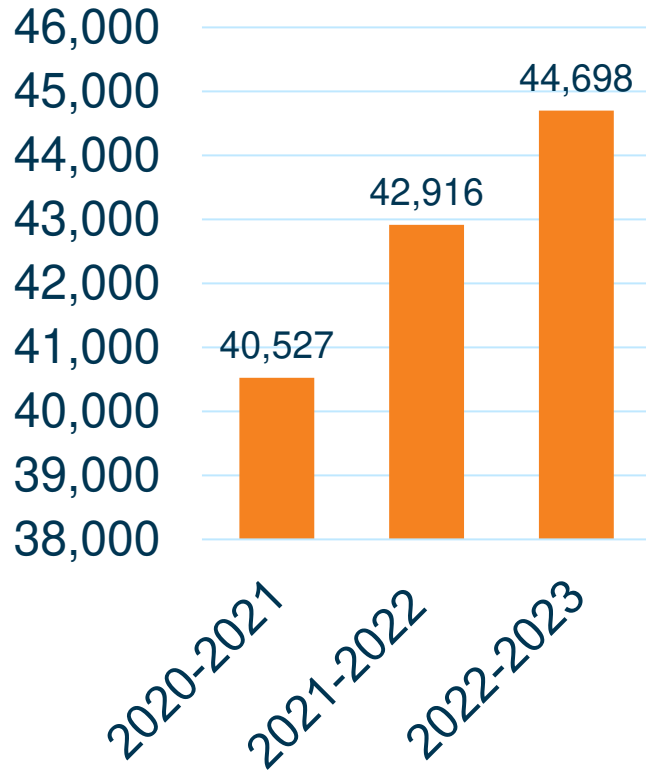
Secondary CTE Enrollment



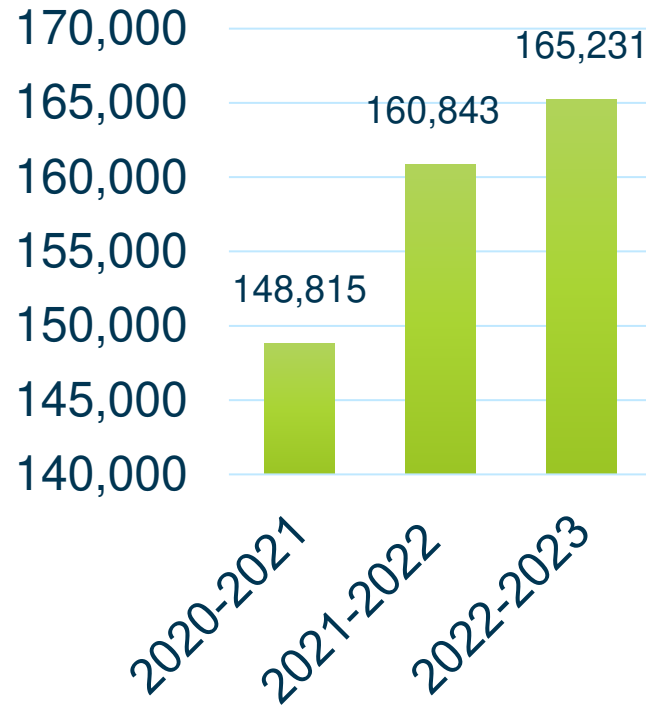
This chart shows the number of students enrolled in any CTE program in grades 6-12 during the school year, including middle grades career exploratory.

3-Year Postsecondary CTE Enrollment Trends

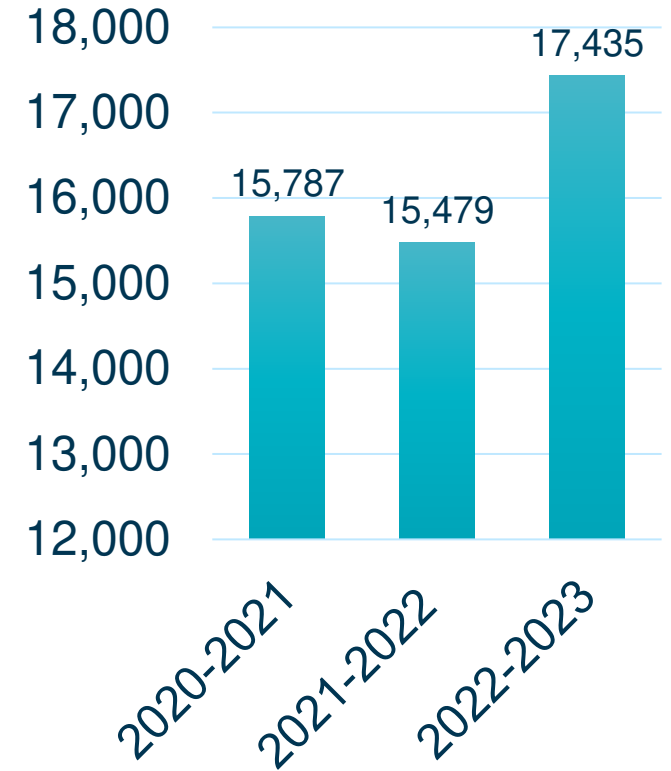
Technical College CTE Enrollment



Florida College System CTE Enrollment



Registered Apprentices



How Are CTE Curriculum Frameworks Developed & Maintained?

CTE Curriculum Frameworks define the learning objectives and structure that must be used by Florida school districts and Florida College System institutions implementing a CTE program. As the name implies, they are the scaffolding that is used to build local CTE programs. The State Board of Education oversees Curriculum Frameworks under §1004.92, F.S., and Rule 6A-6.0571, F.A.C.

Design

- CTE Curriculum Frameworks start through the collaboration of Florida educators and industry partners that submit a program proposal to the Florida Department of Education (FDOE).

Approval

- The submitted CTE Curriculum Framework is reviewed by FDOE content experts. The State Board of Education has final approval authority over new CTE Curriculum Frameworks.

Review

- CTE Curriculum Frameworks are reviewed and updated every 3 years by a team of business and educators to maintain labor market alignment.
- The FDOE monitors labor market and program performance metrics for possible program additions and deletions.

Who Leads High-Quality CTE Programs?

At the heart of high-quality CTE are the people that deliver CTE to students – Florida teachers and faculty. CTE instructors have:

Industry Expertise

- Secondary: State statute requires that full-time CTE teachers have 3 years of occupational experience and/or a relevant industry certification.
- Postsecondary: Meet academically rigorous industry experience requirements set by their institution and accrediting body.

Teaching Expertise

- Secondary: State statute requires that full-time teachers receive accredited or approved teacher training.
- Postsecondary: institutions and the State offer CTE professional learning opportunities.

What Is the Student Experience in a High-Quality CTE Program?

Technical skills (the skills of a specific occupation) are best developed through hands-on practice. High-quality CTE programs provide ample opportunity to develop skills through the complete **Work-Based Learning Spectrum**:



Recognizing Student Skills Through Acceleration, Credentialing and Stacking

Acceleration

- Students enter postsecondary CTE programs with early credit for prior work based on:
 - Credit-by-exam (AP, IB, AICE, CLEP)
 - Industry-recognized certification
 - Dual Enrollment
 - Military service
 - Other means, such as local articulation agreements

Progressive Credentialing

- Students earn additional credentials within CTE programs, for example:
 - Industry Certifications
 - Occupational Completion Points
 - College Credit Certificates

Stacking

- Students leaving CTE programs can apply credit to additional credential opportunities. Examples:
 - Career Certificate/Applied Technical Diploma to AS/AAS
 - AS to BS (and the reverse)

Learn More About CTE Opportunities

The logo for 'GET THERE' features the words 'GET' and 'THERE' in a bold, white, sans-serif font. A stylized arrow, composed of blue, green, and orange segments, points from 'GET' towards 'THERE'.

GET THERE

Florida's Workforce Education Initiative

Visit GetThereFL.com to learn more about local CTE opportunities!

The logo for 'xello' is written in a lowercase, grey, sans-serif font. The letter 'o' is replaced by a white circle with a grey outline.

xello

The logo for 'FOR THE FUTURE OF WORK FLORIDA' is arranged in three lines. The top line reads 'FOR THE' in a small, grey, sans-serif font. The middle line reads 'FUTURE OF WORK' in a larger, bold, sans-serif font, with 'FUTURE' in blue, 'OF' in green, and 'WORK' in orange. The bottom line reads 'FLORIDA' in a medium-sized, grey, sans-serif font.

FOR THE
FUTURE OF WORK
FLORIDA

Xello is Florida's Career Planning and Work-Based Learning Coordination System. Visit Xello.world/Florida to learn more!



CTE AT SPC

ST. PETERSBURG COLLEGE

FCAN CTE WEBINAR: February 26, 2024



 TITAN TALENT AT A GLANCE

34K

STUDENTS

44%

MINORITIES

26

AVERAGE AGE

66%

WORK WHILE IN SCHOOL

70%

MEET FINANCIAL NEED REQUIREMENT

74%

ATTEND PART-TIME

WE ARE SPC



100+

workforce degrees and certificate programs

17

bachelor's degrees

25+

industry-led advisory committees

60+

fully online programs



ST. PETERSBURG COLLEGE

CTE ENROLLMENT & TRANSFER OUTCOMES

9,283

CTE ENROLLMENT
2022-2023

1,786

SHORT-TERM TRAINING
ENROLLMENT
2022-2023

↑ 89%

SHORT-TERM TRAINING
ENROLLMENT INCREASE
OVER 2021-2022

150

ARTICULATION
AGREEMENTS

461

TRANSFER PROGRAM
ENROLLMENTS
2023-2024

554

TRANSFER PROGRAM
GRADUATES



PETERSBURG COLLEGE

PROGRAM INNOVATIONS

- 1. ACCELERATING TIME TO COMPLETION & WORK:** Compressed CCMA program from 16 to 12 weeks
- 2. PROGRAMS BUILT BY INDUSTRY (leading to high wage jobs):** Lineworker offers CDL at Pinellas Technical College, OSHA 10, CPR and Certified Lineworker at SPC
- 3. FOCUSING ON FOUNDATIONAL SKILLS (with stacked/latticed credentials):** Semiconductor Technician reaches the masses with baseline fundamental training paired with specialization courses for skills needed by industry



STRENGTHENED PARTNERSHIPS & PLACEMENTS

600+

TOTAL NEW CORPORATE
PARTNERSHIPS
↑ from 148 in 21-22

\$170K

TOTAL LEVERAGED
RESOURCES

1. **TALENT PLACEMENT:** Placed 1,655 students (met Bank of America goal in 2nd of 3 years)
2. **CORPORATE PARTNERSHIPS:** Strengthened the concierge-based service delivery model to place students from across the region into employment opportunities in the IT & Business, Finance & Professional Services industry sectors.
3. **CENTRALIZED ALIGNMENT:** Create a centralized alignment office that serves as the primary source of information and translation for business and education across the Tampa Bay region.

1,655

STUDENTS PLACED IN JOBS
& INTERNSHIPS



ST. PETERSBURG COLLEGE

QUESTIONS?



ST. PETERSBURG COLLEGE

Middle School

The purpose of this stage is to explore career pathways and educational opportunities needed to achieve career goals.



Adult Education

Flexible program opportunities that allow learners to develop basic skills while preparing for the workforce and further educational opportunities.



State College and University

Gain acceptance into a two or four year degree with advanced standing and industry experience that will encourage persistence toward degree attainment.



High School

Participate in career dual enrollment opportunities in a program that leads to an industry credential and skills needed to enter the workforce.



Technical College

Enroll in a career and technical education program that provides an industry credential needed to enter the workforce and obtain advanced standing in a credit program.



Employment

Enter the workforce with the basic knowledge, industry credentials, and employability skills needed to succeed in the workforce and complete further post-secondary education.



Q&A

FCAN CTE Briefs and Resources



Understanding Career and Technical Education (CTE)



WHAT IS CAREER AND TECHNICAL EDUCATION (CTE)?

Career and Technical Education (CTE) is a broad term that offers students organized educational activities providing both academic content and technical skills in current or emerging professions, while building pathways connecting to education and the workforce.

CTE includes courses and programs at the secondary (middle and high school) and postsecondary (technical school and college) levels. CTE courses are often directly tied to specific professions or occupational fields. CTE also prepares students for the labor market more broadly by integrating CTE with academic standards. CTE courses and programs can lead to an industry-recognized credential, a certificate, an associate's degree, or further education.

IS CTE THE SAME THING AS VOCATIONAL EDUCATION?

CTE includes what is traditionally thought of as vocational education but is much broader. For much of the 20th century, vocational education centered around the skilled trades such as carpentry and plumbing, as well as career training programs in fields like cosmetology.

However, as technological advances gave rise to new careers, vocational education evolved to meet the changing needs of the labor market. Recognizing this, federal legislation in 2006 started using the term "career and technical education" instead "vocational education."



Understanding Career and Technical Education: For Students and Parents

What is Career and Technical Education (CTE)?

Career and technical education, or CTE, offers students both academic learning and hands-on technical skills training to prepare them for high-demand and emerging careers. CTE includes courses and programs for students in middle school, high school, technical school, and college. While some CTE programs prepare high school students to enter some careers straight out of high school, they can also give students a head start for more advanced CTE programs and even credit toward college degrees.

How does CTE support students' future career goals?

With 17 career clusters to choose from, students can pursue CTE programs in a wide variety of fields, including education and training, energy, health sciences, and manufacturing, to name a few. CTE is proven to help prepare students for their future education and careers. For example, of Florida's high school seniors in 2020-2021 who took at least two CTE courses, 95% graduated high school and 72% are either employed or have continued their education.

Is CTE only for students who aren't college bound?

No. Many college students and college-bound high school students take CTE courses to develop technical skills and gain hands-on experience to prepare for their future careers. Although some CTE credentials are the highest level of education achievable in that field, many others are steppingstones to college degrees or higher credentials. Students today don't need to choose between college or CTE: they can do both.

What does college CTE look like?

Most commonly, a student can choose to enroll in a CTE program at a technical college, state college, or state university, depending on the degree or credential they are pursuing. Additionally, students can also participate in business-sponsored pre-apprenticeship and apprenticeship programs.



Comprendiendo la Educación Profesional y Técnica: Información para Padres y Estudiantes

Credenciales CTE en Florida

Hay siete tipos de credenciales CTE disponibles para los estudiantes en Florida:

| Tipo de credencial | Breve descripción | Emisor/Plazo* | Fuentes potenciales de ayuda** | Enlace al curso/grado CTE |
|--|--|--|--|--|
| Certificado de herramienta digital | Evaluación independiente y por tercetos de las competencias digitales. | Terceros (K-8) | • CAFE Act | Los estudiantes deben realizar uno o más cursos y aprobar un examen para obtener esta credencial. |
| Certificación industrial | Credencial de duración limitada expedida por un terceto independiente y vinculada a una ocupación en demanda. | Terceros (K-12/Institución postsecundaria) | • CAFE Act • Bright Futures | Los estudiantes deben realizar uno o más cursos y aprobar un examen para obtener esta credencial. |
| Pre/Aprendizaje | Completar con éxito los estándares técnicos y académicos de un programa de aprendizaje. | Institución postsecundaria 1-4 años Hasta 10,000 horas de capacitación | • Pathways to Opportunity Grant Program | Los estudiantes deben recibir instrucción técnica relacionada y formación en el puesto de trabajo para obtener esta credencial. |
| Diploma de Tecnología Aplicada | Proporcionar instrucción profesional y técnica que conduzca al empleo en una ocupación. | Institución postsecundaria 5-2 años 11-59 créditos universitarios 1,000-1,200 horas de capacitación | • Open Door Grant Program | Los estudiantes deben realizar uno o más cursos con créditos técnicos universitarios para obtener esta credencial; generalmente se obtiene mientras se cursa el título de Asociado en Ciencias (A.S.). |
| Certificación de Carrera | Programa de formación profesional postsecundaria con horas de capacitación que permite a los estudiantes acceder directamente a un empleo en un campo que requiere formación postsecundaria. | Institución postsecundaria 1.5 años 40-2,840 horas de capacitación | • Florida Student Assistance Grant Program • Open Door Grant Program • Bright Futures • Florida Prepaid • FAFSA*** | Los estudiantes deben tomar uno o más cursos para obtener esta credencial y pueden ser elegibles para tomar un examen (o varios) de certificación de la industria. |
| Certificado de créditos universitarios | Programas de corta duración que proporcionan conocimientos y habilidades básicas altamente especializadas. | Institución postsecundaria 5-15 años 11-50 créditos universitarios | • Open Door Grant Program • Florida Prepaid | Los estudiantes deben realizar uno o más cursos para obtener esta credencial; la credencial puede obtenerse mientras se cursa la licenciatura. |
| Título A.S./B.S. | Asociado en Ciencias (A.S.) Licenciatura en Ciencias (B.S.) Programa de varios años diseñado para preparar a los estudiantes para un empleo especializado inmediato. | Institución postsecundaria 2-4 años 60-134 créditos universitarios | • FAFSA • Bright Futures • Florida Prepaid | Los estudiantes deben realizar una serie de cursos especializados relacionados con una carrera específica para obtener esta credencial. |

*Los plazos previstos son para estudios a tiempo completo.

**CareerSource tiene varias iniciativas de financiación y formación disponibles - consulte con su junta local de CareerSource.

***Las becas Pell suelen estar disponibles para programas con 600 horas o más - consulte con la oficina de ayuda financiera de la universidad técnica preferida.





MAY 8-10, 2024 | HILTON ORLANDO

TALENT STRONG FLORIDA SUMMIT

Hosted by **FLORIDA**
COLLEGE ACCESS NETWORK

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Visit FCANsummit.org to register

Mark your calendars for this impactful convening with passionate education stakeholders from multiple sectors to network, learn, and inspire one another to prepare today's students for tomorrow's career opportunities.

**We're working to improve "Access for All"
...and we can't do it without you!**

Thank you!