

Keeping it Real...
CTE Real World
Real Life
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District School Board of Pasco County
Career and Technical Education



Career and Technical Education

District School Board of Pasco County

ACADEMIES and PROGRAMS

The Value of Career and Technical Education

Exploring the Paths to Your Future

Every Career and Technical Education class falls into a “career cluster.” A career cluster is a group of jobs and industries that are related by skills or products. Within each cluster, there are cluster “pathways” that correspond to a collection of courses and training opportunities to prepare you for a given career.

Career Academies Available in Pasco County High Schools

Anclote High School

Academy of Commercial Art & Design
Academy of Energy

Fivay High School

Academy of Public Service

Gulf High School

Academy of Health

Hudson High School

Academy of Veterinary Assisting

Land O’ Lakes High School

Academy of Culinary Arts

J.W. Mitchell High School

Academy of Medical Arts
Academy of Business Management

Pasco High School

Academy of Health
Academy of Building Technologies

Ridgewood High School/ Marchman Technical Ed. Center

Academy of Health and Human Services

River Ridge High School

Academy of Engineering

Sunlake High School

Academy of Finance

Wesley Chapel High School

Academy of Automotive Service Technology

Wiregrass Ranch High School

Academy of Information Technology (IT)
Academy of Medical Professions

Zephyrhills High School

Academy of Health



CTE provides students with the foundational knowledge to jumpstart their experience in the working world and their continuing education.

- ✓ Strengthens academic achievement
- ✓ Enhances leadership and employability skills
- ✓ College credit can be earned while in high school
- ✓ Significantly assists students with career planning
- ✓ Hands-on academic applications
- ✓ National certifications can be obtained
- ✓ Develops industry contacts that can be used for future employment programs at two- and four-year colleges, private career schools, and industry-sponsored education and training.

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CTE provides students academic subject matter taught with relevance to the real world.

Career and Technical Education

Frequently Asked Questions

What is career and technical education?

Career and technical education (CTE) prepares both youth and adults for a wide range of careers. These careers require varying levels of education—from high school and post-secondary certificates, to apprenticeships, or two- and four-year college degrees. Students add value to their overall education by completing CTE programs of study that provide opportunities to earn industry-recognized credentials and college credit while still in high school.

How is career and technical education different from vocational education?

For many years, students enrolled in vocational education programs that provided skill-specific training. The demands of the global economy caused employers to seek graduates with problem solving skills and broader career preparation. Today's career and technical education programs incorporate rigorous and challenging academic content standards and provide a sequence of courses leading to an industry-recognized credential or certificate, post-secondary degree, or entry into apprenticeship programs.

Where is career and technical education offered?

In middle schools, high schools, district technical centers, adult centers & technical colleges and two-year community colleges. At the middle school level, students engage in career awareness and exploration. In high school, students participate in CTE programs with a strong academic core that prepares them to pursue college and careers. At the post-secondary level, there are a variety of options including district technical centers apprenticeship programs, degree programs at two- and four-year colleges, private career schools, and industry-sponsored education and training.

What are some examples of careers that CTE students pursue?

Career and technical education students pursue exciting career options—for example, automotive technicians, construction supervisors, animal scientists, turf grass specialists, financial officers, arts and graphics designers, executive chefs, hotel managers, cosmetologists, network specialists, computer programmers, web designers, homeland security specialists, nurses, physical therapists, biomedical scientists, engineers, and emergency management and response coordinators.

Is career and technical education for students who are college bound?

Yes. Career and technical education provides a foundation of skills that enables high school graduates to be gainfully employed—either full time or while in college. Nationally, nearly two-thirds of all high school graduates of career and technology programs enter some form of post-secondary program.

What opportunities are provided to develop CTE students' leadership, academic, and employability skills?

Career and Technical Student Organizations (CTSOs) help students acquire the employability and leadership skills that will enable them to succeed in the workplace. Through participation in CTOSs, such as Future Business Leaders of America (FBLA), FFA, Health Occupations Students of America (HOSA), and SkillsUSA, students develop learning, thinking, interpersonal, technology, and communication skills. Through participation in leadership and technical competitive events, students apply their leadership, academic, and employability skills to solve real-world problems.

What is a Career Pathway?

A Career Pathway is a series of connected education and training programs and student support services that enable individuals to secure a job or advance in a demand industry or occupation. Career Pathways focus on easing and facilitating student transition from high school to post-secondary education; from pre-college courses to credit post-secondary programs; and from community college to university or employment.

What is High School Articulation?


Articulation is a pathway for high school students to earn college credit as they build career and technical education skills.



CTE delivers strong benefits for education and the economy, including keeping students engaged in school, reducing dropout rates, increasing test scores and graduation rates.

Agriculture, Food & Natural Resources

This Career Cluster prepares learners for careers in the planning, implementation, production, management, processing and/or marketing of agricultural commodities and services. This includes food, fiber, wood products, natural resources, horticulture, and other plant and animal products. It also includes related professional, technical and educational services.

Career Pathways Food Products & Processing Systems Plant Systems Animal Systems Power, Structural & Technical Systems Natural Resource Systems Environmental Service Systems Agribusiness Systems		Related Occupations Food Scientist Environmental Engineer Horticulturist Animal Scientist Biochemist Veterinarian Assistant
CTE Programs and Descriptions		CTE Program Offered At:
<p>Agricultural Communications The content includes but is not limited to instruction in animal and plant production and processing; agriculture marketing and communications; employability skills; mathematics; basic science; biological sciences; and human-relations skills.</p> <p>Agriculture Machinery Mechanics The content includes but is not limited to welding, brazing and cutting of appropriate equipment; operating, servicing, testing and maintenance of agricultural machinery and equipment.</p>		<p>Pasco High School</p>
<p>Agricultural Sales and Services The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.</p> <p>Agritechnology The content includes but is not limited to planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues, and health, safety, and environmental issues.</p>		<p>Zephyrhills High School</p>
<p>Veterinary Assisting The content includes but is not limited to broad, transferable skills and stresses understanding and demonstration of the following elements of the veterinary assisting industry: planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues. The program also provides supplemental training for persons previously or currently employed as veterinary assistants.</p>		<p>Hudson High School Pasco High School</p>
<p>Animal Biotechnology This program is designed to develop competencies in the areas of biotechnology in animal science, animal growth and reproduction, and the role of animals in society.</p>		<p>Land O' Lakes High School</p>
<p>Plant Biotechnology This program is designed to develop competencies in the areas of biotechnology in plant science, plant growth and reproduction, and the role of plants in the environment.</p> <p>Agricultural Biotechnology This content includes but is not limited to applying genetic principles to agriculture production; tissue/cell culture techniques and demonstrating the application of biotechnology to Agriculture, Food and Natural Resources.</p>		<p>Land O' Lakes High School Pasco High School</p>

CTE students can participate in value-added opportunities through internships and/or end-of-program capstone projects, as well as earn college credits and/or industry recognized certifications and licensures.

Architecture & Construction

This Career Cluster prepares learners for careers in designing, planning, managing, building and maintaining the building environment. People employed in this cluster work on new structures, restorations, additions, alterations and repairs. The architecture and construction career cluster has three pathways: design/pre-construction, construction, and maintenance/operations.

Career Pathways

Design/Pre-Construction
Construction
Maintenance/Operations



Related Occupations

Contractor
Architect
Electrician
Heavy Equipment Operator
Carpenter
Plumber

CTE Programs and Descriptions

CTE Program Offered At:

Air Conditioning, Refrigeration and Heating Technology

Provides students with competencies essential to the air conditioning, refrigeration and heating industry.

Marchman (MTEC)

Building Construction Technology

The purpose of this program is to prepare students for employment or advanced training in the building construction industry.

Pasco High School

Carpentry

The purpose of this program is to prepare students for employment in the carpentry and cabinetmaking industry with a stress on basic carpentry/cabinet making skills.

Marchman (MTEC)

Electricity

This program focuses on broad, transferable skills, stresses the understanding of all aspects of the electricity industry.

Anclote High School

Marchman (MTEC)

Former CTE Student Testimony

"The electrical theory that I learned in MTEC's Electrical class was advanced enough that it covered almost all the material in my Circuits 1 class at the University of Florida (the main admittance class into the Electrical Engineering Department), and provided a solid foundation for more advanced classes. The practical training and experience that I had in the class not only provided me with a part-time job throughout college (which allowed me to graduate without debt), but also was the major factor that enabled me to get the job I have now, as an Electrical Engineer for the second-largest design-build electrical contractor in the country. Without the field experience I gained exclusively because I took the MTEC class, I would not have been able to get this position."


JONAS BLAKE, E.I., LEED® AP, Office Engineer, M.C. Dean, Inc.



CTE has a positive impact upon high school graduation rates, labor market outcomes, and post-secondary enrollment.

Arts, A/V Technology & Communication

This cluster offers two different avenues of concentration. Careers in the Performing Arts, Visual Arts, or certain aspects of Journalism, Broadcasting, and Film require creative talents. Careers in Audio-Video Communications Technology, Telecommunications, or Printing Technology require strong backgrounds in computer and electronic-based technology, and a solid foundation in math and science. Communicating effectively in both oral and written form is essential for all careers in the cluster. In addition, the creative aspects of this cluster are rapidly merging with the technological, offering exciting and challenging careers.

<p>Career Pathways A/V Communications Technology Broadcasting Film & Journalism Performing Arts, Printing Technology Telecommunications Visual Arts</p>		<p>Related Occupations Actor Video Producer Journalist Audio Engineer Telecommunications Technologist Printing/Graphics Technologist</p>
<p>CTE Programs and Descriptions</p>		<p>CTE Program Offered At:</p>
<p>Commercial Art Technology The purpose of this program is to prepare students for employment as commercial and design artists and related workers, illustrators, commercial designers, graphic designers, illustrators, comic book artists, photographers, web designers, etc. The content includes self and computer generated art and text, graphic design, magazine design, graphic production, electronic design skills, preparation of electronic layouts and illustrations. Students work towards obtaining industry certifications in Adobe Photoshop, InDesign, Flash, and Illustrator.</p>	<p>Anclote High School Marchman (MTEC)</p>	
<p>Digital Design This program offers a broad foundation of knowledge and skills to prepare students for employment in digital publishing positions. The content includes enhanced practical experiences in computer generated art and text, graphic design, graphic production, electronic design skills, preparation of electronic layouts and illustrations, and electronic scanning and development of specialized skills in multimedia presentations.</p>	<p>Anclote High School Fivay High School Gulf High School Hudson High School Land O' Lakes High School J.W. Mitchell High School Pasco High School Ridgewood High School River Ridge High School Sunlake High School Wiregrass Ranch High School Zephyrhills High School</p>	
<p>Printing and Graphic Communications This program also prepares individuals to set up, operate and maintain preparation, printing, binding and finishing equipment used in the printing and graphic communications industry.</p>	<p>Marchman (MTEC)</p>	
<p>Television Production The purpose of this program is to prepare students for initial employment as television production operators, television broadcast technicians, camera operator, all other professional/para-professional technicians, video recording engineers, and audio recording engineers.</p>	<p>Marchman (MTEC) Wesley Chapel High School</p>	

CTE has always evolved in response to economic needs in our communities. Today, CTE is a major part of the solution to a myriad of national economic and workforce problems, such as high school dropout rates, a weakened economy, global competitiveness and massive layoffs.

Business, Management & Administration

The Business, Management and Administration Cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

Career Pathways

Management
Business Financial Management
Accounting
Human Resources
Business Analysis
Marketing
Administration & Information Support



Related Occupations

Human Resource Administrator
Administrative Specialist
Financial Analyst
International Trade Manager
Entrepreneur
Accountant

CTE Programs and Descriptions

CTE Program Offered At:

Administrative Assistant

The content includes but is not limited to the use of technology to develop communications skills, higher level thinking skills, and decision making skills; the performance of office procedures tasks; the production of quality work in an efficient manner using advanced features of business software applications; research of job opportunities; and the production of high quality employment portfolios and job-seeking documents.

River Ridge High School

Business Supervision and Management

The content includes but is not limited to communication skills, forms of business ownership and organizational structures, supervisory/management functions and skills, business law concepts, leadership skills, business ethics, cultural diversity, insurance awareness, governmental regulations, human resources management issues, and career development.

J. W. Mitchell High School

Customer Assistance Technology

The content includes but is not limited to the development of interpersonal, communications, conflict resolution, leadership, decision making, problem solving, supervisory, and employability skills; diversity awareness; telephone techniques; and technical applications in the customer care environment.

Hudson High School

What Our Business Partners Say About CTE...


"Looking back, a portion of my successes at the college and professional level can be attributed to CTE courses and the focused curriculum. CTE provided me with an insight into the collegiate and business environment that allowed me to be ahead of the curve. The number one skill that I found to be most valuable from my CTE high school days was the ability to communicate at a professional level. As a consultant, my job requires me to interact with clients on a daily basis and it's critical that I convey my message in a clear and concise manner. CTE really made an impact in helping me become who I am today."

RENATO BOAC, CRPC, Wells Fargo Advisors, Financial Advisor

CTE continues to thrive because of its dual objectives of career and college preparation, the broad section of students served, the evidence of their success, and the deep relationship between research and practice.

Education & Training

This Career Cluster prepares learners for careers in planning, managing and providing education and training services, and related learning support services. Millions of people each year prepare for careers in education and training in a variety of settings that offer academic instruction, vocational and technical instruction, and other education and training services.

<p>Career Pathways Teaching and Training Professional Support Services Administration and Administrative Support</p>		<p>Related Occupations Teacher Principal School Counselor College Professor Corporate Trainer Coach</p>
<p>CTE Programs and Descriptions</p>		<p>CTE Program Offered At:</p>
<p>Early Childhood Education The content includes but is not limited to understanding and demonstration of the following elements of the Early Childhood industry: planning, management, finance, technical and production skills; underlying principles of technology; labor, community, health, safety, and environmental issues; and developmentally appropriate practices for children birth through age eight.</p>		<p>Land O' Lakes High School Marchman (MTEC)</p>
<p>Teacher Assisting The Teacher Assisting program is designed to support teaching activities for students in classroom settings. This includes an understanding of education in the United States, the ability to work effectively with all students, educational technology, classroom management, student assessment, communication skills, and other skills needed to support the learning activities of students.</p>		<p>Wesley Chapel High School</p>

Energy

Planning, managing, and performing the processes involved in the generation, production and distribution of energy and its related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

<p>Career Pathways Exploration & Production Power & Utility Refining & Marketing Engineering, Procurement & Construction Chemical & Petrochemical Renewable Energy</p>		<p>Related Occupations Electrical Engineers Environmental Scientists Electronic Engineering Technicians Power Plant Operators Electrical and Electronics Drafters Chemical Engineers</p>
<p>CTE Programs and Descriptions</p>		<p>CTE Program Offered At:</p>
<p>Solar Energy Technology The purpose of this program is to present information that will assist Florida in increasing the number and skill level of workers who are available to meet the workforce needs of Florida's current and emerging alternative energy industries.</p>		<p>Anclote High School</p>

CTE students participate in programs that lead to employment in high-skill, high-wage, high-demand occupations or professions.

Finance

The Finance Cluster prepares learners for careers in financial and investment planning, banking, insurance and business financial management. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

Career Pathways Financial and Investment Planning Business Financial Management Banking and Related Services Insurance Services	Related Occupations Stock Broker Banker Insurance Agent Financial Planner Loan Officer Tax Examiner
CTE Programs and Descriptions	
Finance This program prepares students for careers in business and finance with challenging courses. It focuses on broad, transferable skills and stresses understanding and demonstration of financial industry elements such as: accounting, financial planning; management; banking, credit, economics; money management, technology; investments, and insurance.	Sunlake High School

Health Services


Health Services is one of the largest industries in the country, with more than 11 million jobs, including the self-employed. The health services industry includes establishments ranging from small-town private practice physicians who employ only one medical assistant to busy inner city hospitals that provide thousands of diverse jobs. More than half of all non-hospital health service establishments employ fewer than five workers. On the other hand, almost two-thirds of hospital employees were in establishments with more than 1,000 workers.

Career Pathways Therapeutic Information Environmental Diagnostic	Related Occupations M.D., R.N., C.N.A., EMS, Pharmacist, Medical Coder/Biller, Health Unit Coordinators, Housekeeping, Biomedical Engineer, Radiologic Technologist, Lab Technician
CTE Programs and Descriptions	
Emergency Medical Responder This is an instructional program that prepares individuals to provide initial care to sick or injured persons or as ambulance drivers and attendants.	Fivay High School J. W. Mitchell High School Wiregrass Ranch High School Zephyrhills High School
Nursing Assistant This course is designed to prepare students for employment as nursing assistants in nursing homes, hospitals, or other health care facilities.	Anclote High School Fivay High School Gulf High School J.W. Mitchell High School Pasco High School Ridgewood High School/MTEC Wiregrass Ranch High School Zephyrhills High School

CTE encompasses a variety of programs structured to equip students with work and life skills.

Hospitality & Tourism

The Hospitality and Tourism Cluster prepares learners for careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel-related services. Hospitality operations are located in communities throughout the world.

<p>Career Pathways Restaurant and Food/Beverage Service Lodging Travel and Tourism Recreation, Amusements and Attractions</p>		<p>Related Occupations Lodging Manager Chef Travel & Tourism Manager Food Service Manager</p>
CTE Programs and Descriptions		CTE Program Offered At:
<p>Culinary Arts The content includes but is not limited to all aspects of preparation, presentation, and serving of food. This coursework prepares students for employment in the food service/hospitality industry.</p>	<p>Anclote High School Fivay High School Land O' Lakes High School Marchman (MTEC) Wiregrass Ranch High School</p>	
<p>Hospitality and Tourism The content includes but is not limited to coursework that prepares students for employment in the travel and tourism industry as reservation and transportation agents, travel destination specialists, tour operators, transportation attendants, and cruise ship consultants.</p>	<p>Fivay High School</p>	

Human Services

This Career Cluster prepares individuals for employment in career pathways related to families and human needs.

<p>Career Pathways Personal Care Services</p>		<p>Related Occupations Barber Cosmetologist Nail Technician Spa Attendant</p>
CTE Programs and Descriptions		CTE Program Offered At:
<p>Cosmetology A student completing the Cosmetology program is prepared for employment as a licensed Hairdresser, Hairstylist, and Cosmetologist. Instruction is designed to qualify students for employment upon successfully obtaining a Cosmetology license</p>	<p>Marchman (MTEC) Moore-Mickens Education Center (MMEC)* Pasco High School*</p> <p>*Adult Education Only</p>	

CTE helps match education and workplace needs through partnerships with post-secondary institutions, business, and industry.

Information Technology

IT careers involve the design, development, support and management of hardware, software, multimedia and systems integration services. The IT industry is a dynamic and entrepreneurial working environment that has a revolutionary impact on the economy and society. In addition to careers in the IT industry, IT careers are available in every sector of the economy - from Financial Services to Medical Services, Business to Engineering and Environmental Services. Anyone preparing for an IT career should have a solid grounding in math and science.

<p>Career Pathways Network Systems Information Support & Services Interactive Media Programming/Software Engineering</p>		<p>Related Occupations Software Engineer Network Administrator Web Designer/Developer Database Manager Technical Writer Multimedia Producer</p>
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CTE Programs and Descriptions	CTE Program Offered At:
<p>Computer Systems Technology The purpose of this program is to prepare students for employment or advanced training in a variety of occupations in the information technology industry.</p>	<p>Marchman (MTEC)</p>
<p>Network Support Services The content includes but is not limited to instruction in computer literacy; software application support; basic hardware configuration and troubleshooting; networking technologies, troubleshooting, security, and administration; and customer service and human relations skills.</p>	<p>Wiregrass Ranch High School</p>
<p>Web Design The content includes but is not limited to operating system commands and web document development, design, promotion and scripting.</p>	<p>Anclote High School High Marchman (MTEC) Pasco High School Ridgewood High School River Ridge High School Wiregrass Ranch High School Zephyrhills High School</p>

“The availability of a skilled and qualified workforce is the number one concern of businesses. Career Academies provide opportunities for students to earn industry certifications in high demand occupations while providing businesses with the opportunity to identify industry trends and workforce needs. As we work with businesses expanding or relocating into Pasco County, we look to our Career Academies as a key component of a comprehensive marketing strategy.”

JOHN WALSH, CECD, Pasco Economic Development Council

“The Career Academies represent our best chance to put students on the right path to success. The business community has a huge stake in this—after all, we’re talking about their future workforce--so we are making a big push to engage more business leaders in the Academies.”

JOHN HAGEN, CECD, President/CEO Pasco Economic Development Council

CTE jump-starts students’ careers by preparing them for jobs while still in, or just out of high school.

Law, Public Safety & Security

The Law, Public Safety and Security Cluster helps prepare students for careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Career Pathways

Correction Services
Emergency and Fire
Management Services
Security and Protective Services
Law Enforcement Services
Legal Services



Related Occupations

Attorney
Fire Fighter
Police Officer
Judge
Paramedic

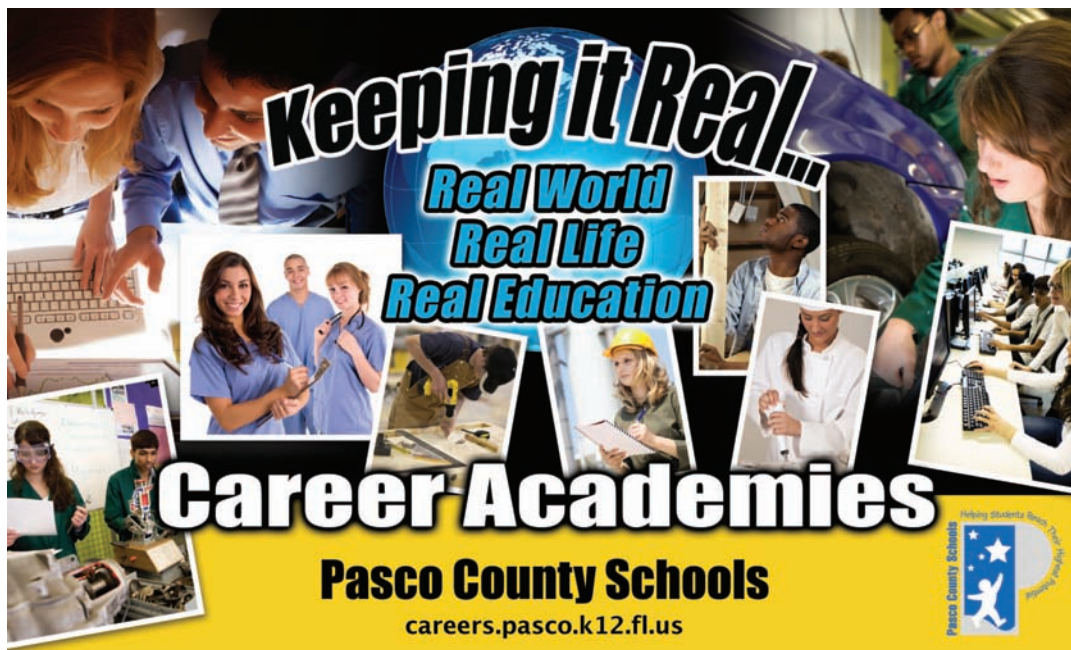
CTE Programs and Descriptions

Criminal Justice Operations

The program is designed to introduce students to the fields of law enforcement, the court system, and the correctional system.

CTE Program Offered At:

Fivay High School
Zephyrhills High School



Former CTE Student Testimony

"My CTE classes prepared me for college and my career because it was through my CTE classes that I figured out what I wanted to do with my life. The clinical experience from my CTE high school days were very valuable. We got to practice the things we learned on actual residents in a nursing home. The last great thing about CTE classes is you're with the same group of students throughout the program. They become kind of like your second family."

MALEANA MCILVAINE
Rasmussen College Nursing Student

CTE programs can prepare students to leverage the academic and career skills they learn in school to help build and sustain our economy.

Science, Technology, Engineering & Mathematics

A career in science, technology, engineering or mathematics is exciting, and ever-changing. Learners who pursue one of these career fields will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Career Pathways
Science and Mathematics
Engineering and Technology



Related Occupations
Chemical Engineer
Mathematician
Bio Technologist
Electrical Engineer
Biologist
Oceanographer

CTE Programs and Descriptions

CTE Program Offered At:

Communications Technology

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of communications technology. Communications Technology represents the current and expanding digital technology to include found in visual technologies (both conventional and digital procedures), multimedia production, computer animation and graphics, web page design, electronic media and other new and emerging technologies.

Gulf High School
J.W. Mitchell High School
Sunlake High School

Construction Technology

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of construction technology. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry.

Gulf High School

Drafting/Illustrative Design Technology

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of drafting and design technology. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry. Course content concentrates on residential drafting along with 2-D and 3-D self-paced tutorial texts using AutoCAD 2008.

Gulf High School
Land O' Lakes High School
Pasco High School
Ridgewood High School
Zephyrhills High School

Engineering Technology

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation.

Sunlake High School

Pathways to Engineering

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation. The Academy of Engineering partners with Project Lead the Way (PLTW) a national nonprofit organization that works with the academy to implement a curriculum, developed by it and imparted by teachers whom it has trained, that emphasizes hands-on experiences in Science, Technology, Engineering, and Mathematics (STEM).

River Ridge High School

CTE programs provide the skills training that addresses the needs of high-growth industries, such as healthcare, renewable energy and STEM fields.

Transportation, Distribution & Logistics

This Career Cluster exposes students to careers and businesses involved in the planning, management, and movement of people, materials, and products by road, air, rail and water. It also includes related professional and technical support services such as infrastructure planning and management, logistic services, and the maintenance of mobile equipment and facilities.

Career Pathways

Transportation Operations
 Logistics Planning and Management
 Warehousing and Distribution
 Center Operations
 Facility and Mobile Equipment
 Maintenance
 Sales and Service



Related Occupations

Automotive Technician
 Logistics Manager
 Warehouse Manager
 Truck Driver

CTE Programs and Descriptions

CTE Program Offered At:

Automotive Collision Repair and Refinishing

The content includes but is not limited to communication skills, forms of business ownership and organizational structures, supervisory/management functions and skills, business law concepts, leadership skills, business ethics, cultural diversity, insurance awareness, governmental regulations, human resources management issues, and career development.

Marchman (MTEC)

Automotive Service Technology

The content includes but is not limited to broad, transferable skills and stresses understanding and demonstration of the following elements of the automotive industry; planning, management, finance, technical and product skills, underlying principles of technology, labor issues, community issues and health, safety, and environmental issues.

Marchman (MTEC)
 Wesley Chapel High School
 Zephyrhills High School

Marine Service Technology

The content includes but is not limited to the following: service, repair and overhaul of four-stroke and two-stroke cycle engines and outboard motors; and service and repair of boating accessories. With regard to the above, course content will include electrical systems, fuel systems, power transfer systems, ignition systems, cooling systems, lubrication systems, drive systems and boat and trailer rigging.

Marchman (MTEC)



What Our Business Partners Say About CTE...

"We're passionate about getting the students and parents involved and create an awareness about the technical opportunities out there, little brief exposures to our industry can change a student and give them direction."

PETER BUCZYNSKY, President of Micron PharmaWorks
 Academy of Engineering at River Ridge High School Advisory Member

CTE can benefit students directly by providing earning advantages before and after graduation.

Career and Technical Student Organizations

CTSO's play an important part in preparing young people to become productive citizens and to assume roles of leadership in their communities. These organizations provide a unique program of career and leadership development, motivation, and recognition for secondary and post-secondary students enrolled, or previously enrolled, in career and technical education programs.



Future Business Leaders of America (FBLA)

Future Business Leaders of America (FBLA) is a student organization for all middle and high school students participating in business programs. As an integral part of the business instructional program, FBLA provides opportunities for students to develop vocational and career-supportive competencies. Participation in FBLA activities promotes civic and personal responsibility; helps students develop business leadership skills and establish career goals; and prepares them for useful citizenship and productive careers.

SkillsUSA

SkillsUSA-VICA members participate in local, state, and national activities provided through trade and industrial, technical, and health occupations courses and programs. The mission of SkillsUSA-VICA is to develop leadership skills and workplace competencies that students will need to succeed in a constantly changing global workplace. The organization provides many opportunities for leadership development and skills training. Competition in over 70 leadership, health occupations, occupationally related, and trade, industrial, and technical contests is offered at the region and state levels, culminating with the SkillsUSA Championships in Kansas City, Missouri, in June.

Health Occupations Students of America (HOSA)

The mission of HOSA is: To enhance the delivery of compassionate, quality health care by providing opportunities for knowledge, skill and leadership development of all health occupations students, therefore, helping the students to meet the needs of the health care community.

FFA (Also known as Future Farmers of America)

The FFA is an integral component of the agricultural education program. It is the student development and leadership application piece for agricultural education. The FFA offers a variety of experiential learning opportunities through competitive proficiency awards and career development events. Competitions focus on leadership and public speaking; communications, agriscience and biotechnology, as well as production agriculture. Agricultural education teachers and FFA advisors stress problem solving and decision making; and uses a learning by doing method. By applying a science based curriculum learned in a classroom to real life projects, teamwork, and competition; FFA members develop into successful, productive citizens. The strength of the FFA and agricultural education lies in the dedication of the teachers; whose philosophy is, "We don't just teach agriculture, we teach students!"

Career Education Clubs of Florida (CECF)

Career Education Clubs of Florida, Inc. was established to promote the educational and civic programs for students involved in Diversified Cooperative Training (DCT). CECF provides opportunities for members to compete and further enhance the skills they learn in DCT and CECF. Students work to improve the spirit of cooperation among students, parents, and school personnel with their business community partners.

CTE provides students career pathways that link secondary and post-secondary education.

Pasco County School Board Members

Allen Altman

District 1

Joanne Hurley

District 2

Cynthia Armstrong

District 3

Alison Crumbley

District 4

Steve Luikart

District 5

Heather Fiorentino

Superintendent

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Assistant Superintendent
for Curriculum and Instructional Services

Olga Swinson, CPA

Chief Finance Officer

Renalia S. DuBose, Esq.

Assistant Superintendent for Administration

David Scanga, Ed.D.

Assistant Superintendent for Elementary Schools

Tina Tiede

Assistant Superintendent for Secondary Schools

**For more information please contact
the Department of Community, Career and Technical Education at 813-794-2204.
<http://www.pasco.k12.fl.us/cccte/>**



District School Board of Pasco County

Heather Fiorentino, Superintendent

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