Florida's Career Clusters and Program Examples

Agriculture, Food & Natural Resources
Agriculture Biotechnology, Forestry, Veterinary Assisting

Architecture & Construction
Building Trades, Carpentry, Drafting

Arts, A/V Technology & Communication
Digital Design, Television Production

Business Management & Administration
Accounting Applications, International Business

Education & Training
American Sign Language Interpreting, Early Childhood Ed

Energy
Energy Technician, Solar Energy Technology

Engineering & Technology Education
Applied Robotics, Production Technology

Finance
Banking-Financial Services, Global Finance

Government & Public Administration
Emergency Planning and Response, Public Works

Health Science
Emergency Medical Technician, Practical Nursing

Hospitality & Tourism
Culinary Arts, Restaurant Management

Human Services
Barbering, Cosmetology, Nails Specialty

Information Technology
Applied Info Technology, Game/Simulation/Animation

Law, Public Safety & Security
Criminal Justice Operations, Introduction to Fire Fighting

Manufacturing
Automation and Production Technology, Welding

Marketing, Sales & Service
Entrepreneurship, International Marketing

Transportation, Distribution & Logistics
Aircraft/Airframe Mechanics, Automotive Collision Repair

Division of Career and Adult Education

www.fldoe.org/academics/career-adult-edu
850-245-0446

Career and Technical Education

CTE® Learning that works for Florida

FLORIDA DEPARTMENT OF EDUCATION
fldoe.org

Career and Technical Education

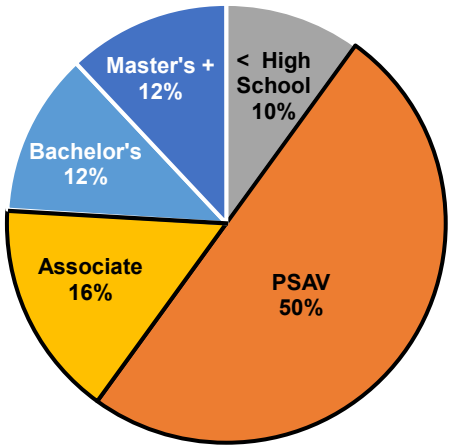
The Office of Career and Technical Education (CTE) manages programs for middle school, high school, district technical school and Florida College System students throughout Florida. Each career preparatory program is reviewed by career-specific business and industry members on a three-year cycle to ensure the program remains relevant in today's market.

Florida's Fastest Growing Occupations Require CTE

Out of the 50 fastest-growing occupations in Florida, less than one-quarter require a four-year college degree or higher. The majority (66 percent) of these occupations require a postsecondary adult vocational (PSAV) certificate or associate degree. Examples of these careers include the following:

- Medical Assistants
- Event Planners
- Cost Estimators
- Dental Hygienists
- Veterinary Technicians
- Electricians
- Paralegals
- Diagnostic Medical Sonographers
- Plumbers
- Heating, A/C & Refrigeration Installers

Level of Education Required for Florida's 50 Fastest-Growing Occupations



Source: Florida Department of Economic Opportunity (2015-2023)
www.floridajobs.org/lmsc/ep

Reasons to Consider CTE

CTE is a cost-effective way for students to start a career in as little as one or two years of school!

High School

- Many courses may be offered as honors credit. Contact your school district for more information.
- Some courses count toward science, practical arts or economics credits required for high school graduation.
- Many CTE students earn industry certifications, which make them more employable.
- Industry certifications may be used to earn college credits and meet requirements for high school graduation.
- Students who take at least three courses in a program may be eligible for the Florida Gold Seal Vocational Scholars Award.

Post-Secondary Adult Vocational (PSAV)

- Students may earn college credits for industry certifications and/or completing certain PSAV programs.
- Many district career centers offer certificate programs that may be completed in as little as one year.

Colleges and Universities

- Through articulation agreements, students may save money on tuition for associate degrees in the Florida College System.
- Industry certifications may make students more competitive for job openings.
- Many students apply knowledge and skills learned in CTE programs to bachelor's and master's degrees.

All CTE Students

- Students participate in Career and Technical Student Organizations through which they develop valuable leadership skills and participate in competitions at the regional, state and national level.

Please visit our website for more information!

www.fldoe.org/academics/career-adult-edu

Photos courtesy of Florida SkillsUSA, Palm Beach State College, Valencia College and FPSA.