



Career and Technical Education Programs

Collier County Public Schools

www.collierschools.com/cte

CTE offers a variety of diverse subject areas which are constantly evolving with the changing global economy. Students who meet CTE program requirements can earn scholarship dollars, industry certifications, dual enrollment, articulated credit toward college and participate in work based learning experiences. CTE programs are organized as Collier Career Academies, National Academy Foundation Academies, and as CTE Concentrator Programs. All programs offer at least three courses to ensure that student's will meet Bright Futures Gold Seal Scholarship requirements. All CTE programs are designed to meet college entrance requirements. To access CTE programs of study, please visit <http://bit.ly/1BSoBqg>.

Industry Certifications

Industry certification is earned by a person to assure qualifications have been met to perform a job or task. Most certification programs are created, sponsored, or affiliated with professional associations, trade organizations, or IT vendors (i.e. Microsoft) interested in raising standards. These certifications must be renewed periodically, or may be valid for a specific period of time. Due to changing employment and increased ever-changing technology requirements, industry certification provides an impartial, third-party endorsement of a person's professional knowledge and experience and is often recognized across the country.

Certifications are usually earned from a professional society or educational institute, not the government. If a demonstration of ability or knowledge is required by law before being allowed to perform a task or job, it is referred to as licensure by state agencies. Licensure may or may not be accepted across state lines therefore, individuals may have to retest for licensure when applying for positions in different states.

Upon successful attainment of a qualifying industry certification, students may be eligible for substitution credit in mathematics and/or science. The industry certification substitution cannot substitute for Algebra 1, Geometry or Biology, but rather toward the balance of the two other unspecified mathematics credits and one of the unspecified equally rigorous science credits required for high school graduation. It is important to note that one qualifying industry certification attainment equates to one substitution credit. A student would need to earn three distinct industry certifications to earn the maximum three substitution credits (two in mathematics and one in science). For a listing of industry certifications that can count as a math or science credit and towards college credit, please visit <http://bit.ly/1uUiOxY>.

Articulation Agreements

An articulation agreement is an approved agreement that is formed through formal agreements between educational institutions. During articulation, representatives from each institution conduct meetings among faculty and staff to consider similarities in course work, curricula, syllabi, textbooks and competency profiles to ensure seamless transfer of credits to the partner institution. Their consensus is then formalized in a written agreement which is used by students and advisors and is regularly updated according to a mutual schedule. The agreement outlines specific courses and letter grades completed at one institution that will transfer to another institution. In addition, it may call for enrollment in the institution for at least one semester as a full time student. Information about current articulation agreements can be found at <http://bit.ly/1CsX0RN>.

Dual Enrollment

There are two kinds of dual enrollment programs. Academic Dual Enrollment is an agreement with a college or university that allows students to simultaneously earn college credit at the same time the students are earning meeting requirements for high school graduation. In Career Education Program students may earn college credit with Edison State College in the Teacher Education program while in Naples, Immokalee, and Lely High Schools. Students may also earn college credit with Embry Riddle University while completing courses for the Aerospace Technology/Aviation program at Lely High School.

Career Education Dual Enrollment is programs where students can earn both a High School Diploma and a PostSecondary Adult Education Certificate at the same time. Students may enroll at Lorenzo Walker Technical High School and Lorenzo Walker Technical Center simultaneously or may enroll at Immokalee High School and Immokalee Technical Center simultaneously. Career Dual Enrollment students must earn an industry certification in the program. Specific programs have requirements on admittance due to the space limitations. Students should verify with the school programs that are available at the time of registration.

2015-16 Collier County High School Career Education Programs

| School | Academy Program | CTE Program | Advisory Group | NAF Academy | District Academy | Industry Certifications | Industry Focus | |
|-----------------------------------|---|--|----------------|-------------|--------------------------------|--|---|---------------------|
| Barron Collier High School | NAF Academy of Information Technology | Digital Design | ✓ | ✓ | | QuickBooks Certified User Microsoft Office Specialist Adobe Associate Certifications | Arts, AV Technology & Communication Business Managements | |
| | | Accounting Applications | | | | | | |
| | NAF Academy of Hospitality & Tourism, Marketing | Marketing Management | ✓ | ✓ | ✓ | Microsoft Office Specialist Internet Business Associate | Marketing, Sales & Service | |
| | | Hospitality & Tourism Management | | | | | | |
| | Architecture Academy | Technical Design | ✓ | | | Autodesk Certifications | Engineering and Technology Education | |
| | NAF Academy of Engineering | Project Lead the Way Engineering | ✓ | ✓ | ✓ | Florida Engineering Certificate Autodesk Certifications | Engineering and Technology Education | |
| | NAF Academy of Finance | Entrepreneurship | ✓ | ✓ | | Microsoft Office Specialist | Marketing, Business | |
| | Journalism / Television Production | | | | Adobe Associate Certifications | Arts, AV Technology & Communication | | |
| Everglades City School | | Agriscience & Aquaculture | | | | Agritechnology Certification | Agriculture | |
| | | Entrepreneurship | | | | Microsoft Office Specialist | Marketing, Business | |
| Golden Gate High School | NAF Academy of Hospitality and Tourism | Culinary Program | ✓ | ✓ | | ServeSafe Food Manager Pro Start Certification | Hospitality & Tourism | |
| | | Hospitality and Tourism Management | | | | | | |
| | NAF Academy of Engineering | Project Lead the Way Engineering | | ✓ | | Florida Engineering Certificate | Engineering Education | |
| | NAF Academy of Health Science | Health and Wellness | ✓ | ✓ | | Certified Medical Adm | Health Science | |
| | | Early Childhood Education | | | | Parapro, ECPC | Education & Training | |
| | | Teacher Assisting | | | | Parapro | Education & Training | |
| | NAF Academy of Finance | Entrepreneurship | ✓ | ✓ | | Microsoft Office Specialist | Marketing, Business | |
| | NAF Academy of Information Technology | Television Production | ✓ | ✓ | | Adobe Associate Certifications Microsoft Office Specialist | Arts, AV Technology & Communication Business Management | |
| Digital Design | | | | | | | | |
| Gulf Coast High School | NAF Academy of Engineering & Aerospace | Aerospace Technology | ✓ | ✓ | | Florida Engineering Certificate Autodesk Certifications | Engineering Education | |
| | | Technical Design | | | | | | |
| | | Project Lead the Way Engineering | | | | | | |
| | NAF Academy of Health Science | Allied Health | ✓ | ✓ | | Certified Medical Adm. Specialist | Health Science | |
| | | Medical Laboratory Assisting | | | | | | |
| | NAF Academy of Hospitality and Tourism, Sports Recreation and Entertainment Marketing | Sports and Recreation and Entertainment Management | | | ✓ | ✓ | Microsoft Office Specialist | Marketing, Business |
| | | Entrepreneurship | | | | | | |
| | Digital Design | | | | Adobe Associate Certifications | Arts, AV Technology & Communication | | |
| | Television Production | | | | Adobe Associate Certifications | Arts, AV Technology & Communication | | |

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|------------------------------|---|---|----------------|-------------|------------------|---|---|-----------------------------|
| | | Software Engineering- Database Application Development | | | | Comptia A+ Internet Business Associate | Information Technology | |
| | | Culinary Arts | | | | ServeSafe Food Manager | Education & Training Hospitality & Tourism | |
| Immokalee High School | NAF Academy of Engineering | Project Lead the Way Engineering | ✓ | ✓ | | Florida Engineering Certificate | Engineering Education | |
| | Criminal Justice Academy | Criminal Justice Private Security Officer | ✓ | | ✓ | Public Service Aide Certification Private Security Officer License NOCTI Criminal Justice | Law, Public Safety & Security | |
| | NAF Academy of Information Technology | Applied Information Technology | ✓ | ✓ | | Internet Business Associate Microsoft Office Specialist | Information Technology | |
| | NAF Academy of Finance | Administrative Office Specialist | | | ✓ | | Microsoft Office Specialist | Business Management |
| | | Entrepreneurship | | ✓ | ✓ | | Microsoft Office Specialist | Marketing, Business |
| Lely High School | NAF Academy of Aerospace and Aviation Technology | Aviation and Aerospace Technology Dual Enrollment with Embry Riddle Aeronautical University | | ✓ | | FAA Private Pilot FAA Ground School | Engineering Education | |
| | NAF Academy of Engineering | Project Lead the Way Engineering | ✓ | ✓ | | Florida Engineering | Engineering Education | |
| | Construction Academy | Building Trades and Construction Design | | | | ✓ | NCCER Carpentry Certification NCCER Construction Technology | Architecture & Construction |
| | | Solar Energy Technology | | | | | | |
| | Criminal Justice and Law Academy | Criminal Justice Operations Private Security Officer | ✓ | | ✓ | Public Service Certification Private Security Officer License NOCTI Criminal Justice | Law, Public Safety & Security | |
| | Teaching Academy | Teacher Assisting | | | | | | |
| | | Dual Enrollment Program with Edison State College | | | | ✓ | Parapro College Credit | Education & Training |
| | NAF Academy of Information Technology | Digital Design | | | | ✓ | Microsoft Office Specialist Adobe Certifications | Information Technology |
| Television Production | | | | | | | | |
| | Entrepreneurship Program | | ✓ | | | Microsoft Office Specialist | Marketing, Business | |
| Naples High School | NAF Academy Of Engineering and Architecture | Project Lead the Way Engineering Technical Design | | | | | | |
| | | Software Engineering- Database Application Development | ✓ | ✓ | | Florida Engineering Certificate Autodesk Certifications | Engineering Education | |
| | Teaching Academy | Early Childhood Education | | | | | | |
| | | Teacher Assisting | | ✓ | | ✓ | Professional Certificate College Credit Child Development Associate | Education & Training |
| | Dual Enrollment Program with Edison State College | | | | | | | |

2015-16 Collier County High School Career Education Programs

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|--|---------------------------------------|--|----------------|-------------|------------------|--|---|
| | NAF Academy of Information Technology | Digital Design | | ✓ | | Adobe Certifications | Information Technology |
| | | Marketing Management | | | | | |
| | | Entrepreneurship Program | | | | Microsoft Office Specialist | Marketing, Business |
| | | Television Production | | | | Adobe Certifications | Marketing, Sales & Service |
| Palmetto Ridge High School | NAF Academy of Engineering | Project Lead the Way Engineering | ✓ | ✓ | | Florida Engineering Certificate | Engineering Education |
| | Construction and Woodworking Academy | Building Trades and Construction Design | | | ✓ | NCCER Carpentry Certification NCCER Construction Technology | Architecture & Construction |
| | NAF Academy of Hospitality & Tourism | Culinary Arts | ✓ | ✓ | ✓ | ServeSafe Food Manager Pro Start Certification | Education & Training Hospitality & Tourism |
| | | Entrepreneurship Program | | | | Microsoft Office Specialist | Marketing, Business |
| | | Digital Design | | | | Adobe Certifications | Arts, AV Technology & Communication |
| | | Television Production | | | | Adobe Certifications | Arts, AV Technology & Communication |
| | | Early Childhood Education | | | | Early Childhood Education Professional Certificate | Education & Training |
| | | 3D Animation Technology | | | | Toon Boom Autodesk-Maya | Arts, AV Technology & Communication |
| Lorenzo Walker Technical High School & Institute of Technology (programs that are available to high school students) | | Automotive Service Technology | ✓ | | | ASE Certifications | Transportation, Distribution & Logistics |
| | | Automotive Collision Repair Heating Technology | ✓ | | | ASE Certifications | Transportation, Distribution & Logistics |
| | | Cosmetology | ✓ | | | Florida Licensure | Human Services |
| | | Culinary | ✓ | | | ServeSafe Food Manager Pro Start Certification | Hospitality & Tourism |
| | | Dental Assisting | ✓ | | | Certified Dental Assistant | Health Science |
| | | Drafting PSAV | ✓ | | | Autodesk Certifications | Architecture & Construction |
| | | E-Commerce Marketing/ Entrepreneurship | ✓ | | | Microsoft Office Specialist | Business Management |
| | | Legal Administrative Specialist | ✓ | | | Certified Office Specialist | Business Management |
| | | Licensed Practical Nursing | ✓ | | | Certified Nursing Assistant State Licensure | Health Science |
| | | Marine Service Technology | ✓ | | | | Transportation, Distribution & Logistics |

For additional information regarding CTE programs, please visit the CTE Program Questions and Answers Packet at <http://bit.ly/1zPPtw5> or contact us at (239) 377-0333.

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| | | Multimedia Design | ✓ | | | Adobe Certifications | Arts, A/V Technology & Communication |
| | | Network Support Services | ✓ | | | COMPTia Microsoft Technology | Information Technology |
| | | Pharmacy Technician | ✓ | | | Certified Pharmacy Technician | Health Science |
| Immokalee Technical Center (programs that are available to high school students) | | Accounting Operation | ✓ | | | Microsoft Office Specialist Intuit Quickbooks | Business Management |
| | | Automotive Service Technology | ✓ | | | ASE Certifications | Transportation, Distribution & Logistics |
| | | Building Construction Technology | ✓ | | | NCCER Construction Technology / Carpentry | Architecture & Construction |
| | | Commercial Foods and Culinary Arts | ✓ | | | ServeSafe Food Manager Pro Start Certification | Hospitality and Tourism |
| | | Computer Systems Information Technology | ✓ | | | COMPTia Microsoft Technology Associate | Information Technology |
| | | Cybersecurity Technology | ✓ | | | Microsoft Cybersecurity Comptia Cybersecurity | Information Technology |
| | | Early Childhood Education | ✓ | | | Early Childhood Education Certification | Education and Training |
| | | Legal Administrative Specialist | ✓ | | | Microsoft Office Specialist | Business Administration |
| | | Medical Administrative Specialist | ✓ | | | Microsoft Office Specialist | Business Administration |
| | | Multimedia Digital Design | ✓ | | | Adobe Certifications | Arts, A/V Technology & Communication |