



2023-2024

# PROGRAMS OF STUDY

## LEE TECHNICAL COLLEGES

CAPE CORAL TECHNICAL COLLEGE  
FORT MYERS TECHNICAL COLLEGE  
SOUTHWEST FL PUBLIC SERVICE ACADEMY

## Your Career in a Year



Financial aid is based on individual student need or merit criteria. The Financial Aid office will help you determine your eligibility for various types of assistance. There are many types of financial assistance available including federal and state grants, scholarships, and Veterans benefits. In addition, there are numerous agencies that provide assistance for educational career training to help offset educational costs.



## For Students, Not Profit

## HIGH SCHOOL DUAL ENROLLMENT



High school students who meet the eligibility requirements and are recommended by their high school counselor may be admitted as a dual-enrolled student. Tuition is FREE to dual-enrolled high school students and they graduate with their class from their home high school.

## QUALITY



Our technical colleges are part of The School District of Lee County, Florida, a high-performing school district committed to student success.

## STAFF



Our credentialed faculty and staff prepare every student for success through innovative teaching styles, hands-on practice in labs, clinical training, and internships/co-ops.

## TIME



Many of our programs can be completed in just one year or less, getting students in high-skill, high-wage jobs faster than ever.

## FINANCIAL AID



Students are assisted by our financial aid offices to make sure they receive aid based on eligibility.

## ACCREDITATION



Our technical colleges are accredited by the Council on Occupational Education and Cognia.

## COST



As a public institution, we offer all students the most affordable education with the lowest rates for tuition.

## COLLEGE CREDIT



Graduates can earn future college credits at state universities in most career certificate programs of study, as well as gain valuable work-related experience in their field of study.

## INDUSTRY CERTIFICATIONS



Holding a nationally recognized certification or license in a field is a powerful tool in job searches.

## EMPLOYMENT ASSISTANCE



Our career specialists provide a link between employers who wish to hire students and students who are actively seeking full- or part-time employment.

**Notes:**

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**CCTC** = Cape Coral Technical College

**FMTC** = Fort Myers Technical College

**SWFPSA** = Southwest Florida Public Service Academy

▶ = Programs Accepting High School Dual Enrollment

*Course content, length, and costs are subject to change without prior notice.*

## Automotive Collision Technology Technician FMTC ▶

**Length: 1400 hours (13 months)**

**Cost: \$7,240**

Students learn basic trade skills in refinishing; sheet metal repair frame and unibody squaring and aligning; use of fillers, paint systems and undercoats; related welding skills; trim-hardware maintenance; glass servicing; and other miscellaneous repairs as well as cost estimation and customer service expertise.

**Certification:** Automotive Service Excellence (ASE)

## Automotive Service Technology FMTC ▶

**Length: 1800 hours (15 months)**

**Cost: \$8,063**

The complexity of modern vehicles makes automotive service and repairs a high-tech profession, requiring technicians to work with some of the most sophisticated computerized control systems on the market. Students will diagnose, maintain, repair, and fine tune a wide range of vehicles alongside a master



technician while utilizing advanced diagnostic equipment in a modern facility to troubleshoot and repair complex automotive systems. This program has Automotive Service Excellence (ASE) Education Foundation accreditation.

**Certification:** Automotive Service Excellence (ASE)

## Barbering CCTC

**Length: 900 hours (9 Months)**

**Cost: \$3,909.45**

Students learn skills such as shaping hair, performing hairstyles, mustache and beard design, shaving the face and performing facial treatments.

Additional training includes hairpieces, wigs, and hair attachments; permanent waves, chemical relaxing, coloring and highlighting, and entrepreneurship. This program stresses safety, Florida barbering laws and rules, and the related chemistry, bacteriology, anatomy and physiology and development of skills in performing the manipulative techniques in the practice of barbering.

**Certification:** Students prepare for the Barber License examination which is governed by the Florida Department of Business and Professional Regulation.



## Biomedical Equipment Repair Technology

**FMTC ▶**

**Length: 1140 hours (11 months)**

**Cost: \$4,109**

A biomedical equipment repair technician specializes in calibrating, maintaining, and repairing the medical machinery used in a healthcare facility. Students will learn how to handle complex machinery such as ventilators, infusion pumps, cardiac monitors, and defibrillators. They will also perform safety checks on electrical equipment, wheelchairs, and radiological diagnostic testing machines. The Biomedical Equipment Repair Technology program content includes, but is not limited to, hydraulics, pneumatics, optics, and mechanics to troubleshoot, service, and repair equipment commonly used for treatment, diagnosis, and monitoring of patients in a medical environment.

**Certification:** Certified Electronic Technician Associate (CETa)

## Carpentry FMTC ▶

**Length: 1200 hours (11 months)**

**Cost: \$5,709**

Students learn the use of hand and power tools, safety, selection and use of materials, estimating, blueprint reading, and shop and tool safety, floor & wall framing, handling and storage of materials, roof systems, stair preparation, blueprint reading, exterior and interior finishes, site preparation and layout, window installation and applied math.

**Certification:** National Center for Construction Education and Research (NCCER)



## Correctional Officer (BRTP) SWFPSA

**Length: 420 hours • Cost: \$3311.15**

• **Starting dates—call 334-3897**

Practical skills and field experiences are an integral part of this program which includes courtroom demeanor and testifying; report writing; interviewing; communications; controlling and restraining techniques; weapons training; chemical agent applications; physical fitness training; fingerprinting; substance abuse recognition; emergency preparedness techniques; and interpersonal skills.

**Certification:** Florida Department of Law Enforcement

## Cosmetology CCTC FMTC

**Length: 1200 hours (11 months)**

**Cost: \$4,331.50 (CCTC)**

**Cost: \$5,924 (FMTC)**

Our Cosmetology course prepares you for an exciting career in the beauty industry. The program includes knowledge in styling, haircutting, coloring as well as caring for skin and nails. You will be guided by dedicated professional instructors committed to helping you attain your goals.

**Certification:** Upon successful completion of the program, you will become eligible to apply and take the Florida Cosmetology Exam.



## Crossover from Correctional Officer to Law Enforcement Officer SWFPSA

**Length: 518 hours • Cost: \$2,265.56**

• **Starting dates—call 334-3897**

The purpose of this program is to give correctional officers the training they need to become certified law enforcement officers. This program is approved by the Criminal Justice Standards and Training Commission and the Florida Department of Law Enforcement.

**Certification:** Florida Department of Law Enforcement

## Crossover from Law Enforcement Officer to Correctional Officer SWFPSA

**Length: 198 hours • Cost: \$1,172.16**

• **Starting dates—call 334-3897**

The purpose of this program is to give law enforcement officers the training they need to become corrections officers. This program is approved by the Criminal Justice Standards and Training Commission and the Florida Department of Law Enforcement.

**Certification:** Florida Department of Law Enforcement

## Dental Assisting CCTC

**Length: 1230 hours (11 months)**

**Cost: \$7,170**

Pursue a career in the exciting field of dentistry! Students learn general chairside techniques, dental lab and business office administration. Earn a state certificate in dental radiography and dental assisting expanded functions. Prepare to take the DANB exam to become a Certified Dental Assistant.

**Certifications:** Students are eligible for the National Board Exam (DANB).



## Digital Design CCTC

**Length: 1200 hours (11 months)**

**Cost: \$4,438**

Students develop dynamic creativity and software knowledge in the fields of graphic design and advertising promotion. Print and web design are focal points in this intensive and relevant career preparation program. Professional-based software programs include Adobe Photoshop, InDesign, Illustrator, and more.

**Certifications:** Photoshop; Illustrator.

## Early Childhood Education FMTC

**Length: 600 hours (5 months)**

**Cost: \$2,645**

Influence the future of infants, toddlers, and preschoolers by shaping their intellectual, social, emotional, and physical development. Utilize critical and creative thinking skills necessary for working with young children.

**Certification:** Florida Department of Education Early Childhood Professional Certification



## Electricity FMTC

**Length: 1200 hours (11 months)**

**Cost: \$6,463**

Students will use and maintain tools and accessories used by professionals in the electrical industry; read and interpret electric codes; demonstrate DC and AC electrical circuit skills; and solve problems using critical thinking skills, creativity, and innovation.

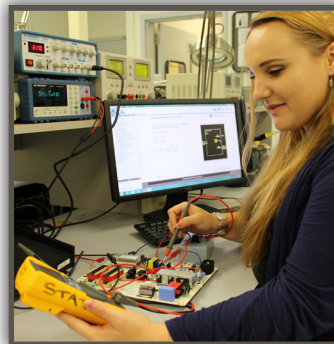
**Certification:** National Center for Construction Education and Research (NCCER)

## Electronic Technology CCTC FMTC

**Length: 1400 hours (14 months)**

**Cost: \$4,747 (CCTC)**

**Cost: \$5,139 (FMTC)**



Students train for today's booming industrial sectors: medical equipment, control systems, drone technology, robotics, telecommunications, and solar/wind technologies. From circuits to micro-processors, soldering to troubleshooting, and repairing various electronic equipment, students learn the foundations in order to keep up with rapid changes in industrial technology.

**Certifications:** Electronic Technicians Association (ESA) (CCTC); International Society of Certified Electronic Technicians (ISCET) (CCTC); Electronics Systems Associate (ISCET 002) (CCTC); Certified Electronic Technician Associate (CETa) (FMTC)

## Emergency Medical Technician -ATD SWFPSA

**Length: 300 hours • Cost: \$2,983.70**

• **Starting dates—call 334-3897**

This program prepares students for employment as emergency medical technicians to function at the basic pre-hospital emergency medical technician level and treat various medical/trauma conditions using appropriate equipment and materials. This program prepares students for certification as EMT's in accordance with Chapter 64J of the Florida Administrative Code.

**Certification:** Florida Department of Health

## Firefighter SWFPSA

**Length: 492 hours**

• **Cost: \$5,741.09**

## Firefighter II Only SWFPSA

**Length: 301 hours**

• **Cost: \$4,727.37**

• **Starting dates—call 334-3897**

Become a State of Florida Certified Firefighter. Students will learn how to protect life and property by managing all phases of fire suppression, prevention, inspection and rescue. This program is approved by the Bureau of Fire Standards and Training.

**Certification:** Florida Bureau of Fire Standards and Training





## Florida Law Enforcement Academy SWFPSA

**Length: 770 hours • Cost: \$4,496.15**

• **Starting dates—call 334-3897**

This program prepares students for employment as entry-level law enforcement officers and meets the requirements of the Florida Criminal Justice Standards and Training Commission.

**Certification:** Upon successful completion of the program, students are eligible to take the State Certified Examination for Law Enforcement, the required test to become a certified law enforcement officer in the state of Florida.



## IV Therapy - CONTINUING WORKFORCE EDUCATION - CCTC FMTC

**Length: 30 hours •**

**Cost: \$447 (CCTC) Cost: \$408.50 (FMTC)**

• **Please call for starting dates**

• **CCTC (239) 574-4440 • FMTC (239) 334-4544**

Become IV certified in the state of Florida. Learn about fluid and electrolyte balance, IV solutions, equipment utilized in IV therapy, venipuncture techniques, IV medication administration techniques, complications of IV therapy, and central line care.

## Heating, Ventilation, Air-Conditioning/ Refrigeration Technician (HVAC/R) FMTC ▶

**Length: 1350 hours (12 months)**

**Cost: \$6,645**

Train for a cool career! Climate control technology is changing. The need for qualified HVAC technicians is expected to grow 13 percent between 2018 and 2028, much faster than the average for all occupations. Rising demand for trained technicians will result in excellent employment opportunities. Troubleshoot and wire electrical motors. Diagnose environmental management systems. Install, maintain, and repair heating, air conditioning, and refrigeration systems.

**Certifications:** Environmental Protection Agency (EPA) certification to handle refrigerants, NATE Residential Heating and Air Conditioning and Light Commercial Heating and Air Conditioning certificates

## Major Appliance and Refrigeration Technician FMTC

**Length: 1200 hours  
(11 months)**

**Cost: \$5,924**

Work on today's technologically enhanced refrigerators, ovens, microwaves, dishwashers, washers, and dryers. Utilize advance diagnostic equipment in a modern facility to troubleshoot and repair complex systems.

**Certifications:** Environmental Protection Agency (EPA) certification to handle refrigerants and the Professional Service Association nationally recognized Graduate Certified Appliance Professional (GCAP) certification



## Marine Service Technologies FMTC ▶

**Length: 1350 hours (12 months)**

**Cost: \$6,994**

Our area is such a natural resource for aquatic activities, not just the fishing, diving, and water sports, but also the great times with family and friends on the water. Become a marine technologies expert and get involved in boating by demonstrating your expertise in keeping the most technologically advanced marine propulsion units working.

**Certifications:** Yamaha: ITOS & MCP Certifications, ABYC: Fundamentals of Marine Service Technologies & Marine Systems Certifications, Mercury Marine Certificates

## Mechatronics Technology FMTC ▶

**Length: 1550 hours (14 months)**

**Cost: \$5,561**

The Mechatronics Technology program is designed to provide graduates with a high-tech skill set and knowledge in electronic, mechanical, fluid power/pneumatic systems, electrical, Program Logic Controller applications (PLC) programming, computer technology

for maintenance and repair of PLC/computer controlled, automated machines and robotic systems.

**Certification:** Certified Electronic Technician Associate, (CETa)



## Medical Administrative Specialist CCTC ▶

**Length: 1050 hours  
(10 months)**

**Cost: \$4,308**

This program provides a broad foundation of office skills.

The focus is on basic medical knowledge to work in the medical field, however the skill set students develop easily transfer to various business-

related administrative assistant positions. Students learn the concepts of running the front of a medical office and managing an electronic records system. In addition, students gain hands-on computer skills utilizing Windows and Microsoft Office applications.

**Certifications:** Microsoft Word; Excel; PowerPoint and Outlook, you may also be eligible for national certification exam in Certified Medical Administrative Assistant (CMAA)

## Academic Assistance

Students who require assistance in strengthening learning skills in reading, mathematics and language are provided with opportunities to enroll in Lee County Adult Education programs for support in ESOL and/or Applied Academics classes. These programs are available online, as well at various school sites throughout Lee County.



## Medical Assisting CCTC FMTC ▶

**Length: 1300  
(12 months)**

**Cost: \$6,191 (CCTC)**

**Cost: \$6,275 (FMTC)**

Start a career in the wildly popular medical field! Students learn clerical and managerial skills, competencies in ECG,

phlebotomy, laboratory skills, patient care and patient education. Become eligible for national certification exams in CCMA, Certified ECG Technician and Certified Phlebotomy Technician.

**Certifications:** CCMA (Certified Clinical Medical Assistant) exam, Certified ECG Technician, Certified Phlebotomy Technician

## Medical Coder/Biller CCTC FMTC

**Length: 1110 hours (10 months)**

**Cost: \$5,165 (CCTC - 3 days in person & 2 online)**

**Cost: \$5,001 (FMTC - 100% online)**

This course prepares you for the future of medical coding, insurance billing and insurance reimbursement, as well as CPC review and CPC preparation. We are currently teaching ICD-10 diagnostic and CPT procedural coding systems. With the transition in the United States to ICD-10, you will be trained in the global standard in medical coding & billing.

**Certifications:** CPC; CPB (optional)

## .NET Application Development & Programming FMTC

**Length: 1050 hours (10 months)**

**Cost: \$4,485**

Learn how to create a Windows phone App, an N-tier web application, and how to incorporate an SQL database on the Windows platform. These are the skills that IT managers are seeking. Classroom work is combined with client projects in a setting that simulates the work environment.

**Certifications:** Knowledge Pillars LLC: HTML/CSS Coding Specialist, JavaScript Coding Specialist, Python Coding Specialist, WordPress Certified Editor



## Network Support Services CCTC ▶

**Length: 1050 hours  
(10 months)**

**Cost: \$4,912**

Students learn how to configure, support, and secure internet work devices, specifically routers and switches. The course focuses on the Cisco Routing and Switching (CCNA-R&S) and Cisco Security (CCNA-Security) core curriculum. This course also covers Wireless, Voice Over IP, as well as fundamental Linux server and desktop installation, configuration and basic administration. Course content also includes VMware and Fortinet.

**Certifications:** CCNA-R&S; CCNA-Security; CCNA- Wireless; Security+; Net+; Linux+; LDI-1; CLA, RedHat, A+, CySA+

## Network Systems Administration CCTC ▶

**Length: 1050 hours (10 months)**

**Cost: \$4,997**

This program is designed to prepare students for employment as a computer network administrator, wireless administrator, server administrator, data communicational analyst, security administrator and is the prerequisite for the Cloud Computing & Virtualization course.

**Certifications:** During this program, it is highly recommended that students test for the following certifications: Net+, Security+, Certified Wireless Network Administrator (CWNA), RedHat, A+, CySA+

## Nursing Assistant (Articulated) CCTC FMTC

**Length: 165 hours (6 weeks)**

**Cost: \$1,398 (CCTC)**

**Cost: \$1,261 (FMTC)**

As a student, you will learn to provide basic care to patients in the hospital, as well as long term care. This course includes instruction in Basic Healthcare Worker and Nursing Assistant.

**Certification:** After completing the course, you are eligible to take the Florida Nursing Assistant Certification Exam.

## Nursing Assistant (Long-Term Care) CCTC ▶

**Length: 120 hours, Part-Time (4 months)**

**Cost: \$1,266 (CCTC)**

As a student, you'll work directly with patients and nurses in the hospital and long-term care settings.

**Certification:** After completing the 120-hour course, you are eligible to take the Florida Nursing Assistant Certification Exam

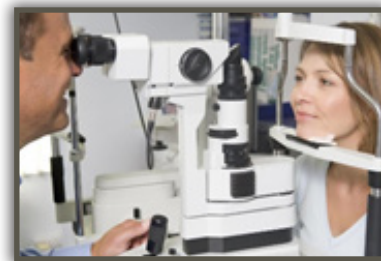
## Optometric Assisting CCTC ▶

**Length: 1080 hours (10 months)**

**Cost: \$4,566**

Over the course of 10 months, students will learn the procedures and equipment used in diagnosing and treating eye and vision deficiencies and office procedures related to the vision care field. As part of our training program, students receive real world experience under the supervision of a highly trained instructor and industry representatives, such as Optometrists, through off-campus clinical rotations and our on-site Vision Clinic.

**Certifications:** Certified ParaOptometric Assistant and CPR



## Plumbing FMTC ▶

**Length: 1080 hours (10 months)**

**Cost: \$5,891**

Get the training you need to enter the ever expanding field of plumbing. Opportunities abound in Construction, Maintenance, Water Treatment, Solar and more. Students in this class get both hands on experience and earn a national certification as a first year apprentice. Essential competencies include: OSHA 10 Safety Training, CPR First Aid, Plumbing System design, installation and maintenance, Plan Reading, Solar Water Heating Pools, Spas, Wells and Backflow Protection.

**Certification:** National Center for Construction Education and Research (NCCER) Plumbing Level 1



## Practical Nursing CCTC FMTC

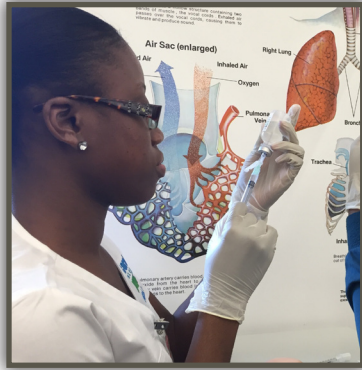
**Length: 1350 hours (13 months - full-time);  
(24 months -part-time)**

**Cost: \$7,776 (CCTC)**

**Cost: \$7,701 (FMTC)**

As a student, you'll work directly with patients, nurses, and physicians in the hospital and other health care facilities. After completing the program, successfully, you are eligible to take the Practical Nurse National Licensing Exam (NCLEX-PN). Full- and part-time classes are available at both campuses.

**Certifications:** AHA BLS; IV Therapy (Post graduation)



## Professional Culinary Arts & Hospitality CCTC FMTC ▶

**Length: 1200 hours (11 months)**

**Cost: \$5,030 (CCTC)**

**Cost: \$5,239 (FMTC)**

Enjoy the fruits of your labor! Learn a highly professional and individually creative career in culinary arts. Enhance your communication skills as you prepare for employment in a fast-paced environment. This program features daily hands-on experience as students prepare cuisine for the entire school.

**Certifications:** Earn a certificate as a ServSafe® Food Manager, the industry gold standard, and the optional ACF Certified Culinarian with a minimum of 1 year of field experience.

## Specialized Career Instruction - Comprehensive FMTC

**Length: 900 hours (9 months)**

**Cost: \$3,573**

The purpose of this individualized job preparatory program is to provide specialized career education for students with an intellectual disability who may need instructional accommodations in the CTE program in order to meet individual interests, abilities, and learning needs. The goal is integrated competitive employment in the student's chosen occupation. The program is individualized for each student and documented in an individualized plan of study (IPS).

## Turbine Generator Maintenance, Inspection and Repair FMTC

**Length: 1200 hours (11 months)**

**Cost: \$6,293**

Experience the adventure of traveling the country and get paid well to troubleshoot, and overhaul large gas and steam turbine generators. The program has a focus on hands on training, learning about proper methods of disassembly and assembly of large equipment including inspection and repair methods using precision measuring tools. Students will also learn about the auxiliary equipment in power plants and manufacturing such as pumps, valves, piping systems, boilers and electrical systems.

**Certifications:** Health and Safety Institute (HSI) Turbine Maintenance Technician Certificate and Technical Training Professionals (TTP)

## Veterinary Assisting CCTC

**Length: 750 hours (7 months)**

**Cost: \$3,075**

Veterinary assistants work alongside veterinarians performing most aspects of animal care. Learn to work as part of a team, respect the patients, basic first aid, medical terminology, handling and restraint, animal anatomy, diseases and treatments, as well as professional and ethical standards of veterinary medicine. Instruction will include lecture, class discussion, hands-on training, and 500 hours of practical veterinary assisting experience.

**Certifications:** Certified Veterinary Assistant (CVA)



## Web Application Development & Programming FMTC

**Length: 1050 hours (10 months)**

**Cost: \$4,485**

Master the structure, logic, and problem-analysis skills needed to successfully begin and sustain a career in this explosive, ever-evolving industry. Students gain both client-side and server-side development skills by creating practical, real-world web application projects using current languages, frameworks, and tools. Languages include: JavaScript, MySQL, PHP, AJAX, XML, JSON, Python and more.

**Certifications:** Knowledge Pillars LLC: HTML/CSS Coding Specialist, JavaScript Coding Specialist, Python Coding Specialist, WordPress Certified Editor

## Welding Technology FMTC ▶

**Length: 1050 hours (10 months)**

**Cost: \$8,119**



The program covers all four major welding processes including SMAW, GTAW, GMAW and FCAW; American Welding Society welding symbols; blueprint reading for welders; torch cutting, plasma cutting, and carbon arc gouging.

**Certification:** American Welding Society

The School District of Lee County does not discriminate on the basis of gender, race, color, age, religion, sex, sexual orientation, national or ethnic origin, marital status, or disability in the provision of educational programs, activities or employment policies as required by Title IX, Title VI, Title VII, Age Discrimination Act of 1967 and Section 504 of the Rehabilitation Act of 1973, 1992, Americans with Disabilities Act, the Florida Educational Equity Act of 1984 and the Boy Scouts of America Equal Access Act.

Lack of English language skills will not be a barrier to admission and participation. The district may assess each student's ability to benefit from specific programs through placement tests and counseling, and, if necessary, will provide services or referrals to better prepare students for successful participation.

# CAREER IN A YEAR

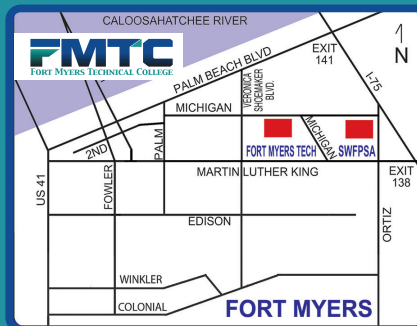
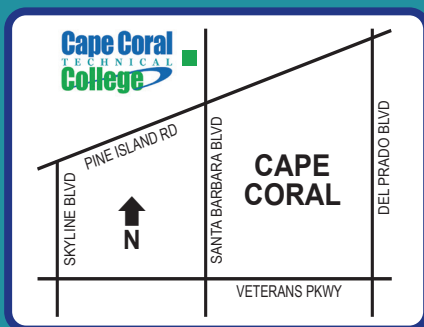
## LEE COUNTY'S PUBLIC TECHNICAL COLLEGE SYSTEM



### Cape Coral Technical College

360 Santa Barbara Blvd. N, Cape Coral, FL 33993

**(239) 574-4440**



### Fort Myers Technical College

3800 Michigan Avenue, Fort Myers, FL 33916

**(239) 334-4544**

### SW Florida Public Service Academy

4312 Michigan Avenue, Fort Myers, FL 33905

**(239) 334-3897**

Please visit our websites at:

[CapeCoralTech.edu](http://CapeCoralTech.edu) • [FortMyersTech.edu](http://FortMyersTech.edu) • [SWFPSA.org](http://SWFPSA.org)

All three Lee County Technical Colleges are accredited by the Commission of the Council on Occupational Education. Requests for additional information on the policies, standards, or procedure of the Council on Occupational Education should be addressed to the following:

Dr. Kirk Nooks  
Executive Director/President  
Council on Occupational Education  
7840 Roswell Road, Building 300, Suite 325  
Atlanta, Georgia 30350  
(770) 396-3898 FAX (770) 396-3790  
[www.council.org](http://www.council.org)

