

PREPARE FOR CAREERS OF  
**THE FUTURE**



**INNOVATE**  
YOURSELF



**HCC**  
*Career Pathways*

[hccfl.edu/getagreatjob](http://hccfl.edu/getagreatjob)

# CAREER PATHWAYS

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# CAREER AND ACADEMIC COMMUNITIES AT HCC

Dedicated to Helping You Succeed

When you become a Hillsborough Community College (HCC) student, you gain a partner in your educational journey—a caring community of support as you shape your area of study into preparation for a career. Our amazing team of advisors and faculty members will walk with you every step of the way to help ensure your success.



## Starting strong.

When it's time to register for classes, an HCC advisor specific to your chosen career and academic community will help you choose the coursework you need to accomplish your goals.

## Checks and balances.

Along the way, you may need to make adjustments—or even a complete 180-degree turn. That's why we're here! Our accessible network of support includes advising, free tutoring, career resources and much more.

## Taking the next step.

As you get closer to completing your program at HCC, you'll find the tools you need to make your next move. Whether you're applying for a job, seeking a bachelor's degree program or anything in between, we have experts to guide you.



### **Business, Industry and Technology**

Business and Hospitality, Engineering, Architecture and Computer Science

HCC students choose from the following **career and academic communities** based on their areas of study.



### **Communication and Design**

English, Communication, Humanities and Design



### **Math and Sciences**

Math, Biological Sciences and Physical Sciences



### **Public, Social and Behavioral Sciences**

Public Safety and Social and Behavioral Sciences



### **Nursing and Health Sciences**



### **Transportation, Public Service and Apprenticeships**



## **You're never alone.**

At HCC, we are committed to helping students complete their educational journeys. Our support team offers guidance in navigating scholarships, grants and funding opportunities, as well as seeking help from community-based organizations like United Way and Metropolitan Ministries to help students overcome challenges or barriers to completion.

# CONSIDER YOUR PATHWAY



As you plan for your future, it's important to place your education on a clear career pathway to help prepare you for employment and advancement in a specific industry or occupation. HCC can help you find a pathway that works for you. Begin today by assessing your interests, motivations and talents.

## Start your journey.

Now, more than ever, higher education plays an essential role in achieving success in many careers.

Whether you're just beginning your college experience, looking for specialized training for career advancement, or transitioning into a new profession, HCC can help put your plans into motion, with hundreds of courses and dozens of programs designed to help you earn a two-year associate in science (AS) degree or professional certification, or become eligible for university transfer.

## Open-Door Admissions

Through HCC's open-door policy, admission to the college is open to anyone who has earned a standard high school diploma, received a General Education Development (GED) diploma from any state department of education or through the military, or completed a home education program that meets state requirements. There are, however, certain programs with limited access—such as some health sciences programs, veterinary technology, and the Fire and Law Enforcement Academies—requiring prospective students to apply separately.

## Paying for College

HCC is among the most affordable colleges in Florida and about half the cost of the state universities. HCC tuition and fees are charged on a per-credit-hour basis and may be paid by cash, check, MasterCard or VISA at any campus bursar office. Many students are eligible for financial help in the form of grants, loans and scholarships. For more information, visit [hccfl.edu/financialaid](http://hccfl.edu/financialaid).

## Flexible Schedules

Many students juggle the demands of work and life while pursuing higher education. HCC offers five convenient campus locations; day, night and weekend classes; and many online and hybrid course options. This scheduling flexibility helps you maximize your time while working toward your goals.

## Hands-On Learning

The value of an HCC education extends well beyond the classroom, with learning that offers real-world settings within your chosen field. Health sciences programs, such as nursing and radiography, include clinical training within local hospitals and medical services companies. Police and fire academy students gain practical experience through simulated scenarios. Veterinary technology students engage in service learning as they help perform needed surgeries on animals from shelters. Internships across many programs can lead to full-time employment.

## Community Connections

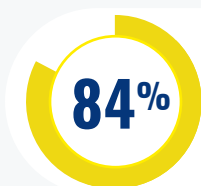
As an essential component of our training, HCC partners with business and industry to help strengthen our engagement with the community we serve. By collaborating with numerous organizations and experts, we ensure our curriculum meets existing and emerging needs within our region.

## Career Pathways Programs

Career pathways programs combine completion of a high school career academy or program of study with a matching degree or certificate at HCC. Students who complete these academies or programs while in high school may be eligible for free community college credits. More than 60 articulation agreements, linking high school and college programs, exist between the School District of Hillsborough County and HCC. If you have a professional certification or license, you may also be eligible for college credit.

## Accreditation

HCC has educated minds and changed lives since 1968. A stringent, national accreditation process administered by the Commission on Colleges of the Southern Association of Colleges and Schools ensures HCC's continued commitment to academic excellence. The college is accredited to award associate degrees, diplomas and certificates.



**MORE THAN 84% OF HCC GRADUATES  
REMAIN IN HILLSBOROUGH COUNTY.**

Source: Analysis of the Economic Impact and Return on Investment of Education: The Economic Value of Hillsborough Community College, May 2018

# HOW TO ENROLL AT HCC

Here are the basic steps to enroll, though they may vary depending on your status as a new student, transfer student, former student returning, visiting/transient student, veteran, international student, or applicant to a program, such as nursing, that requires a separate application process.

Check out [hccfl.edu/registernow](http://hccfl.edu/registernow) for important information about our academic programs, financial aid, campus life and more. You can also search for classes and link to specific steps for applying and enrolling.



## Apply online.

Complete our online application at [apply.hccfl.edu](http://apply.hccfl.edu). Before you begin, be sure to decide what program you wish to apply for and review our residency requirements.



## Secure your college funding.

View your options for paying tuition at [hccfl.edu/paying-for-college](http://hccfl.edu/paying-for-college). Apply for financial aid by completing the FAFSA at [fafsa.ed.gov](http://fafsa.ed.gov).



## Request and submit transcripts.

In order to qualify as a degree-seeking student and to receive financial aid, HCC must have an official copy of your high school transcript (with graduation date), GED, or other college transcript. Request and submit these as soon as possible.



## Complete Welcome Orientation.

You must complete our Welcome Orientation, which provides essential information for HCC students.



## Connect with an advisor.

Our advisors are here to assist you with placement tests, course selection and degree planning. Provide your high school permanent record summary worksheet (if final high school transcript not received), copies of test scores and/or unofficial college transcripts if applicable. You may schedule an in-person or phone appointment, or visit a campus advising office as a walk-in during normal business hours.



## Register and pay for classes.

To register for classes, log into your WebAdvisor account and select your classes. Once registered, submit your payment for any charges not covered by financial aid or other resources.



## CORPORATE + CUSTOMIZED TRAINING SOLUTIONS

At ICCE, we understand that improving skills and developing talent are essential to performing in a global economy. Our programs provide customized solutions that address a variety of workforce-related challenges companies face today. We are committed to providing excellence in education and delivering value-added programs.

### BUSINESS CONSULTATION

- CURRICULUM DESIGN + DEVELOPMENT
- DATABASE MANAGEMENT
- HUMAN RESOURCES
- IT INFRASTRUCTURE
- JOB PERFORMANCE ANALYSIS + EVALUATION
- PROCESS MANAGEMENT + IMPROVEMENT
- SOFTWARE MIGRATION + MORE

### CORPORATE SERVICES

- INSTRUCTOR-LED TRAINING
- CUSTOMIZED CONTENT
- ONLINE REAL-TIME TRAINING
- ONLINE SELF-PACED TRAINING
- BLENDED LEARNING SOLUTIONS
- FLEXIBLE HOURS
- FACILITY RENTAL + MORE

We are available to assist you and your organization, no matter the size, to find intelligent business solutions that meet your needs.

# THE INSTITUTE FOR CORPORATE AND CONTINUING EDUCATION [ICCE @HCC]

We empower the businesses, families, and individuals of Tampa Bay with opportunities to achieve their aspirations and maximize their impact through diverse and targeted educational services.

[TampaTraining.com](http://TampaTraining.com)

[icce@hccfl.edu](mailto:icce@hccfl.edu)

813.259.6010

## WORKFORCE CERTIFICATION

Our certification programs are designed to validate the unique skills of our students in preparation for career advancement. Certification course topics include:

- COMPTIA A+
- COMPTIA NETWORK+
- COMPTIA SECURITY+
- PROJECT MANAGEMENT
- EXCEL MOS PREP
- JAVA SE8
- PYTHON PROGRAMMING
- NATIONAL ADMINISTRATOR CREDENTIAL [NAC]
- NATIONAL RETAIL FOUNDATION CERTIFICATION [NRF]
- AMERICAN PAYROLL ASSOCIATION [APA] TRAINING
- SHRM-CP + SHRM-SCP + MORE



**HCC | ICCE**  
TampaTraining.com



# EXPLORE YOUR OPTIONS AT HCC

Within your career pathway, you may choose from the following degree and certificate options. These programs offer you the flexibility to pursue a particular job or work toward a more advanced credential in your current career.

## Associate in Science (AS) Degree

An AS degree prepares you for high-skill, high-wage employment and possible transfer to a university. HCC's excellent AS programs bring opportunities to train for a variety of jobs in a relatively short period of time. In most cases, students may complete these programs in two years. Credits from AS degrees may apply toward bachelor's degrees at other colleges and universities.

## College Credit Certificate (CCC)

Short-term CCC programs, ranging from 12 to 50 credit hours, provide highly specialized core knowledge and skills within a particular profession. This is a great option for those who want to advance in a current job or change occupations. Credits earned may apply to a related AS degree.

## Advanced Technical Certificate (ATC)

For those who already have an AS degree, the ATC offers a short-term, advanced training option. Programs range from 9 to 45 credit hours.

## Applied Technology Diploma (ATD)

A short-term, technical training program focusing on a specific field or job, the ATD requires a minimum of 11 credits, which may be applied to a related AS degree.

## Postsecondary Adult Vocational (PSAV)

PSAV programs offer short-term training to gain high-tech skills and immediate employment. While most of these programs do not offer college credit, they do require high school diplomas. The number of hours required for completion of PSAV programs varies, and some combine on-the-job training with coursework.

## Support for All Students

Whether you're fresh out of high school, or you have years of work experience and are ready to add credentials to your résumé or prepare for a new career, HCC welcomes students of all ages and backgrounds. Here you will find a supportive community and family atmosphere to help you succeed.

**40%**   
**OF TODAY'S  
COLLEGE  
STUDENTS  
ARE 25 OR OLDER.** 

Source: [postsecondary.gatesfoundation.org](http://postsecondary.gatesfoundation.org)





# INVEST IN YOUR FUTURE

ACCOUNTING, BUSINESS AND  
OFFICE ADMINISTRATION



Business skills can open many doors, with vast career possibilities from investments and banking to marketing and public relations. HCC's business programs teach the fundamentals of running an effective business, positioning you for a successful future.



**OPERATION  
STARTUP**

HCC has partnered with Hillsborough County to create Operation Startup, an entrepreneurial collaboration center located in Ybor City for veterans, active duty service members, their spouses, and business partners who are interested in starting or growing a business. The HCC Dale Mabry Campus also offers Operation Startup workshops and services. Learn more at [operation-startup.com](http://operation-startup.com).

**AS Accounting Technology (Finance or Tax Options)**

With the rise of globalization and new regulatory processes, the field of accounting is constantly changing, and qualified professionals are in high demand.

**Accounting Technology Management CCC**

27 credit hours

**Accounting Technology Operations CCC**

18 credit hours

**Accounting Technology Specialist CCC**

12 credit hours

**AS Business Administration**

This degree can lead to jobs in customer management, international business management or marketing. Graduates may also transfer to any state university offering a bachelor's degree in general business or business administration and management.

**Business Management CCC**

24 credit hours

**Business Operations CCC**

18 credit hours

**Business Specialist CCC**

12 credit hours

**AS Business Administration: Entrepreneurship Option**

Add an entrepreneurial twist to your business degree through this exciting option, where you gain the knowledge to start and build a successful company.

**Business Development and Entrepreneurship CCC**

25 credit hours

Learn to determine the viability of a business idea, write a comprehensive business plan, and develop the skills needed to accomplish your goals. If you're ready to turn your vision into a reality and start your own business, HCC will show you how to begin and how to succeed.

**Entrepreneurship and Innovation CCC**

12 credit hours

This program is designed for current and aspiring entrepreneurs.

**AS Business Administration: International Business Management Option**

For students interested in a more global perspective, this track offers training and coursework specific to international business.

**AS Office Administration**

Graduates of this program may move into mid-management positions such as office manager, equipment sales, staff assistant, executive assistant or human resource technician.

**Human Resource Management CCC**

27 credit hours

**Median Annual Salaries\***

Accounting Clerk <b>\$33,599</b>	Administrative Services Manager <b>\$96,546</b>
Human Resources Specialist <b>\$51,837</b>	Logistician <b>\$67,728</b>
Medical Records/Health Information Technician <b>\$40,092</b>	Transportation, Storage & Distribution Manager <b>\$87,504</b>

\* Unless otherwise noted, median annual salaries listed in this publication are based on information from the Florida Labor Market Statistics, Occupational Employment Statistics & Wages Program. They may vary by organization and location. Visit [employflorida.com](http://employflorida.com) for the most current information.

**Office Management CCC**

27 credit hours

**Office Specialist CCC**

18 credit hours

**Office Support CCC**

12 credit hours

**Records Management Specialist CCC**

18 credit hours

**AS Medical Office Administration**

This program helps students prepare for roles such as medical office manager, medical coder, medical billing clerk, insurance processor and medical transcriptionist.

**Medical Coder CCC**

37 credit hours

A medical coder uses a classification system to assign numbers and letters to each symptom, diagnosis, disease, procedure and operation in a patient's chart.

**Medical Office Management CCC**

34 credit hours

A high degree of accuracy and working knowledge of medical terminology, anatomy and physiology are important for this role. You may choose between the Management and Biller tracks for this certificate.

**AS Supply Chain Management**

Prepare for a career in transportation, distribution and logistics within the global supply chain. Learn business practices such as quality control, negotiation, accounting, planning, project management and more. This degree readies you for a range of jobs in this growing industry.

**Logistics and Transportation Specialist CCC**

18 credit hours



# BUILD A SOLID FOUNDATION

## ARCHITECTURAL DESIGN



### Median Annual Salaries

Architectural Drafter  
**\$50,385**

Construction Manager  
**\$79,216**

Artistic talent, an eye for detail and interest in technology are a few of the common traits for architectural design and construction professionals. HCC offers meticulous training that can lay the groundwork to build your career.

### ARCHITECTURAL DESIGN

#### AS Architectural Design and Construction Technology

Study to become a construction planner, architectural assistant or architectural engineer. If you pass the contractor's exam, you can start your own business.

#### AutoCAD Foundations CCC

*15 credit hours*

Students learn two levels of CAD applications, manual techniques, blueprint reading and building system design.

#### Drafting CCC

*24 credit hours*

This expanded program includes the AutoCAD Foundations Certificate content plus 3-D modeling using AutoCAD software and an introduction to architectural design.

#### Sustainable Design CCC

*19 credit hours*

Engage in specialized training in green building design and LEED standards.



#### APPRENTICESHIP PROGRAMS

See page 13 for additional training programs in the construction field.



# GET ON A CAREER FAST TRACK | AUTOMOTIVE AND TRANSPORTATION

If you're a high school graduate who wants to master a lucrative trade or update your skills, check out our auto and welding programs. HCC's Ybor City Campus Training Center offers the highest quality equipment and optimal spaces for hands-on learning.



### Median Annual Salaries

Automotive Body Repairer	Automotive Service Technician/Mechanic	Welders, Cutters and Welder Fitters
<b>\$35,496</b>	<b>\$37,240</b>	<b>\$34,260</b>

AUTOMOTIVE AND TRANSPORTATION

**Automotive Collision Repair and Refinishing PSAV**  
*1,400 clock hours*  
 Train to become a qualified technician in the auto body repair industry, developing abilities such as automotive painting, and nonstructural, structural, mechanical and electrical repair.

**Automotive Service Technology PSAV**  
*1,800 clock hours*  
 Today's technicians must know how to fix complex computer and electrical systems. This program teaches the most current automotive service techniques.

**Commercial Driver's License – A**  
*320 clock hours*  
 This program aligns with the U.S. Department of Transportation's standards for training tractor-trailer drivers. Learn hands-on truck driving skills that prepare you to take the state of Florida CDL test and operate commercial vehicles.

**Diesel Technician PSAV**  
*1,800 clock hours*  
 Learn the skills to be a diesel engine specialist qualified to work with passenger cars, light and heavy duty trucks, buses, construction and mining equipment, farm equipment, freight rail, marine equipment and power generation.

**Welding Technology PSAV**  
*1,050 clock hours*  
 Welders are in high demand across many industries, from car racing to manufacturing. Learn to study blueprints, calculate dimensions, inspect and repair materials or structures and maintain equipment.

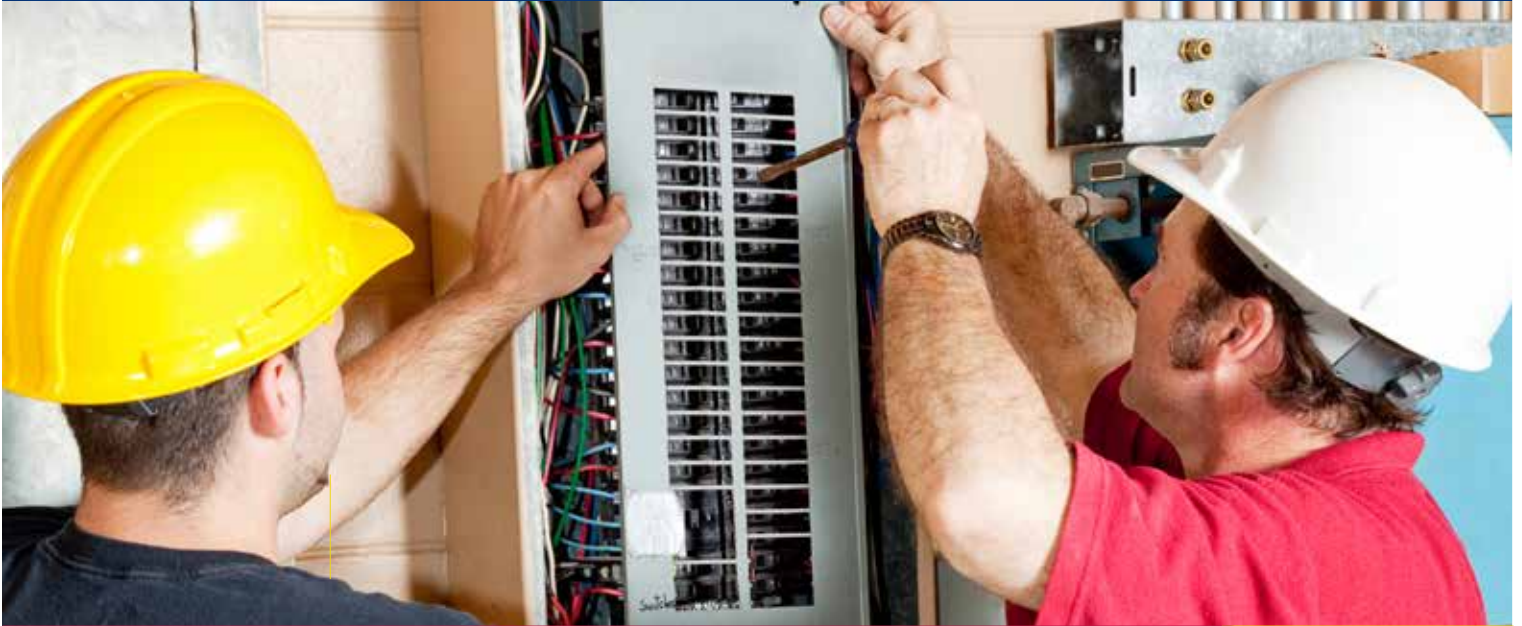


**Ybor City Campus Training Center**  
 HCC helps meet the growing demand for highly skilled transportation and manufacturing technicians. Students engage in specialized training with the newest equipment and technology. Graduates are prepared to fill many available jobs in these fields.



# EARN WHILE YOU LEARN

## CONSTRUCTION INDUSTRY APPRENTICESHIPS



With a sponsoring contractor in your selected field, you can work 40 hours a week and attend training classes two nights a week. Plus your tuition is free! Some of the credits earned in these programs may count toward an AS degree in industrial management technology.

### CONSTRUCTION INDUSTRY

#### **Associated Builders and Contractors**

In just four years, you can become a journeyman in the fields of plumbing, carpentry, fire sprinkler, HVAC electrical technician or sheet metal fabricator, while earning a good salary. Job opportunities include project manager, estimator, sales person and business owner.

#### **Independent Electrical Contractors**

Earn a salary while training to be a residential wireman, telecommunications technician or electrical journeyman in four years or less. Job opportunities include electrician, systems technician, project manager, estimator and business owner.

#### **UA Local 123, Plumbing and Pipefitting**

After spending five years working with experienced journeymen and earning a salary, the union will place you in a position as a plumber, pipefitter, HVAC technician, estimator, project manager or salesperson.

#### **UA Local 821, Sprinkler Fitters**

Prepare to be a technician specializing in design, installation, and maintenance of sprinkler and fire protection systems. Earn a salary during your five years of training, and then join the ranks of experienced fire sprinkler technicians through union job placement.

#### **Architectural Design and Construction Technology**

See page 11.

#### **Engineering Technology**

See page 16.

#### **Welding Technology PSAV**

See page 12.

**WITH CONSTRUCTION ON THE RISE, CONTRACTORS ARE IN HIGH DEMAND.**



# HELP CHILDREN GROW | EDUCATION

Do you enjoy teaching children? Early childhood education can be life-changing. HCC's programs offer real-world experience and excellent instruction, including classroom training at the Ybor City and Dale Mabry Campus Child Development Centers.



EDUCATION

**AS Early Childhood Management**

Focus on the development, care, guidance and education of young children. Ready yourself to meet the state's training requirements for a staff credential.

**Counseling and Human Services**

See page 19 in the Health Sciences section for more information about this program.

**Median Annual Salaries**

Education Administrator,  
Preschool

**\$60,855**

Preschool  
Teacher

**\$24,186**



# PREPARE FOR A HIGH-TECH FUTURE | ENGINEERING



Put your imagination and dexterity to work making better technologies for our world. The growing industries of biotechnology and engineering technology offer many opportunities for high-paying careers in Florida and beyond.



## LOCAL INTERNSHIPS

As a part of the curriculum, HCC engineering technology students engage in meaningful internships with local manufacturers; these experiences very often lead to job offers for program graduates.



**AS Biotechnology**

Biotechnology utilizes living organisms to make useful products from biological systems. Prepare for emerging, fascinating occupations in biotechnology research, cell culture or biotechnology manufacturing.

**Biotechnology Specialist CCC**

19 credit hours

**AS Computer Engineering Technology**

Learn to repair hardware and software in micro, mini and mainframe computers.

**Microcomputer Repairer/Installer CCC**

15 credit hours

**AS Electronics Engineering Technology**

Learn to troubleshoot electronic equipment and assist engineers in research, development and design. Graduates may transfer to any state university offering a BA degree in electronics engineering technology or general engineering technology (electrical track).

**Electronics Technician CCC**

31 credit hours

**Laser and Photonics Technician CCC**

12 credit hours

**Median Annual Salaries**

Bioinformatics Technician

**\$36,229**

Electrical/Electronic  
Engineering Technician

**\$49,309**

Engineering Technician

**\$60,672**

Industrial Engineering  
Technician

**\$44,470**

Mechanical Engineering  
Technician

**\$47,746**

**AS Engineering Technology**

Specialized training on cutting-edge equipment teaches the techniques to succeed in advanced manufacturing careers. Graduates may earn the Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) industry certification and step into high-skill, high-wage positions.

**Automation CCC**

12 credit hours

**Computer Numerical Control (CNC) Machinist CCC**

12 credit hours

**Engineering Technology Support Specialist CCC**

18 credit hours

**Lean Manufacturing CCC**

12 credit hours

**Mechatronics CCC**

30 credit hours

**Pneumatics, Hydraulics and Motors for Manufacturing CCC**

13 credit hours



**HCC alumni fill  
1 out of every 43 jobs  
in Hillsborough County.**

Source: Analysis of the Economic Impact and Return on Investment of Education: The Economic Value of Hillsborough Community College, May 2018





# FOLLOW A GREEN PATHWAY | ENVIRONMENTAL SCIENCE

## Median Annual Salaries

Supervisor of Aquaculture Workers

**\$54,329**

Environmental Science Technician

**\$35,746**



Environmental science continues to increase in relevance as many businesses work toward more sustainable practices. Discover careers that may chart new territories, with possibilities for expansion.

ENVIRONMENTAL SCIENCE

### AS Aquaculture

Discover the scientific way to raise fish and train to be a field assistant or technician in the aquaculture, fish farming or aquarium sciences industries. Important to the local economy, tropical fish are among the largest exports out of Tampa Bay.

#### Aquaculture Technology CCC

*26 credit hours*

### AS Environmental Science Technology

Help protect the environment and manage natural resources by learning to conduct environmental assessments sampling wildlife, plants, soil and water. Outdoor field activities and exercises are central to the curriculum.

#### Water Quality Technician CCC

*12 credit hours*

Learn how to assess the health of local rivers and lakes using field measures and computer-based technologies.





# ANSWER THE CALL TO HELP OTHERS

HEALTH  
SCIENCES



If you're a caring person with an interest in science, a career in health sciences may be ideal for you. As the health care industry grows, dedicated and talented professionals are in high demand. HCC's excellent programs help sustain the health care workforce and provide high-quality care for patients.

## WORKING WITH PATIENTS

HCC's Dental Clinic provides discounted dental services to the community in a setting where students gain hands-on experience with patients.



**AS Cardiovascular Technology**

Learn the skills of a cardiovascular technologist who performs non-invasive cardiac and vascular examinations using ultrasound equipment during this 21-month degree program. Cardiac sonographers (echocardiographers) specialize in imaging a patient's heart with ultrasound equipment. They work closely with physicians and surgeons before, during and after procedures. Vascular sonographers (vascular technologists) create images of blood vessels and collect data that helps physicians diagnose disorders affecting blood flow.

**Medical Laboratory Science ATC**

*45 credit hours*

*Requires a bachelor's degree in chemistry or biology*

This precise science is the backbone of medical and health sciences. Prepare to be a medical laboratory scientist (MLS) by working with highly complex instrumentation to perform laboratory tests on blood and body fluids. Employ critical thinking skills to interpret laboratory test data and report results to physicians for diagnosis and treatment of patients. Develop skills that you may apply in laboratories, hospitals, research and pharmaceuticals.

**AS Clinical Research Professional**

Develop the knowledge and tools you need to monitor clinical research trials.

**Magnetic Resonance Imaging (MRI) ATC**

*15 credit hours*

Gain the technical skills to serve as an MRI technologist who provides quality patient care.

**AS Counseling and Human Services**

Pursue a career in counseling, social work and human development through a combination of classroom learning and internship experiences. Graduates may transfer to bachelor's degree programs available at several local universities. This is the only nationally accredited human services program in the state of Florida.

**AS Dental Hygiene**

Dental hygienists perform preventive procedures that include scaling, polishing, and root planing, and exposing and processing radiographs. Graduates must pass national and state dental hygiene board exams to become registered dental hygienists.

**Dental Assisting PSAV**

Dental assistants work with dentists during a variety of procedures. Learn to take X-rays, fabricate temporary crowns, place sealants and polish teeth. All graduates of this program earn the Florida Expanded Function Dental Assistant (EFDA) certification. Graduates must pass the Dental Assisting National Board Examination to earn the Certified Dental Assisting (CDA) designation.

**AS Diagnostic Medical Sonography Technology**

Sonography uses high-frequency sound waves to create images of the human body. Graduates must pass national registry examinations to become certified sonographers.

**AS Emergency Medical Services (EMS)**

If you are a licensed or licensure-eligible paramedic, or have been accepted into the paramedic program, this program offers you an opportunity to specialize in education, management or technology.

**Emergency Medical Technician (EMT) CCC**

*12 credit hours*

Train to be an EMT who provides basic life support measures as part of an ambulance crew.

**Paramedic CCC**

*42 credit hours*

Learn advanced life support techniques.

**AS Health Navigator**

Health navigators serve as part of a health care team and assist patients in gaining access to resources that contribute to treatment adherence and improvement of overall health.

**Health Navigator CCC**

*31 credit hours*

**AS Nuclear Medicine Technology**

Nuclear medicine technologists are highly specialized health care professionals who provide unique information about the structure and function of major organs and body systems to radiologists and nuclear medicine physicians, enabling them to stage, treat and diagnose various diseases. Learn to prepare and administer radiopharmaceuticals, perform imaging procedures, and provide images and data analysis to physicians for diagnostic interpretation. Graduates may take the national certification exams and obtain a Florida license.

**AS Nursing R.N.**

A nationwide shortage of nurses means great job prospects. Get additional training for specialty areas like surgical care, critical care and burn units. HCC's program takes four semesters, and graduates are eligible for the national R.N. licensing exam. Qualifying graduates may also transfer into the BSN program at the University of South Florida (USF).

**AS Nursing L.P.N.-R.N. Transition Option**

This 15-month program helps L.P.N.s and paramedics to become registered nurses. Students must have a valid Florida L.P.N. license or paramedic certificate to enroll. Graduates are eligible to take the R.N. licensing exam. Summer admission only.

**16% more jobs**



**THE U.S. DEPARTMENT OF LABOR PROJECTS THAT BY 2024, THE EMPLOYMENT OF MEDICAL LABORATORY TECHNICIANS AND SCIENTISTS WILL INCREASE BY 16%.**

## AS Optical Management Technology

This program—available on campus or online—prepares opticians for supervisory or management positions in the ophthalmic industry, learning about safety and sports vision, management and marketing.

### AS Opticianry

Opticians measure, fit and adapt eyeglasses and contact lenses. Learn basic ocular science, including optics, anatomy, contact lenses and refractometry. Gain specific skills in professional management, eyewear fabrications, and dispensing—along with clinical experience in our state-of-the-art campus dispensary and at affiliate sites. Graduates may take state and national certification and/or licensure exams for opticians. This program offers on-campus and online coursework options.

### Eye Care Technician CCC

48 credit hours

### Ophthalmic Laboratory Technician CCC

24 credit hours

### Visual Assessment ATC

11 credit hours

## Median Annual Salaries\*\*

Cardiovascular Technologist/Technician <b>\$67,080</b>	Dental Hygienist <b>\$74,820</b>
Emergency Medical Technician/ Paramedic <b>\$34,320</b>	Nuclear Medicine Technologist <b>\$76,820</b>
Optician <b>\$37,010</b>	Radiation Therapist <b>\$82,330</b>
Registered Nurse <b>\$71,730</b>	Respiratory Therapy Technician <b>\$60,280</b>

\*\* These median salaries come from the Bureau of Labor Statistics 2018 data at <https://www.bls.gov/ooh/healthcare/home.htm>.



### Biotechnology

See page 16 to find out more about this program.

### Medical Coder and Medical Biller

See page 10 for more information about this program.

## AS Radiation Therapy

Learn to administer high-energy radiation therapy treatments using linear accelerators and CT simulation. Graduates may take the national radiation therapy examination.

### Radiation Therapy Specialist CCC

43 credit hours

Open only to certified, licensed radiographers

### AS Radiography

Radiographers perform diagnostic imaging (X-ray) procedures of the human body to diagnose and treat injury and disease. Graduates may take the national American Registry of Radiologic Technologists certification exam; they are also eligible for a Florida General Radiographer license.

### American Registry of Radiologic Technologists Option

76 credit hours

Open only to registered radiologic technologists

Graduates of an approved hospital school of radiologic technology may earn an AS degree in this special program. Eligible students receive 53 credit hours and may earn an AS degree by completing an additional 23 credit hours.

### Computed Tomography Advanced Imaging ATC

14 credit hours

This is open only to ARRT-registered radiographers, radiation therapists, nuclear medicine technologists, or those with equivalent NMTCB certifications. Computed tomography uses specialized X-ray equipment to visualize cross-sectional anatomical structures inside the body, demonstrating pathologies and disease processes. Graduates are eligible for national certification exams and Florida licensure.

### AS Respiratory Care

Specialize in treating patients who have difficulty breathing due to pulmonary or cardiac disease, and work with premature infants, children, trauma victims and patients requiring life support. Graduates may take the national certification and registry exams.

### NBRC Certified Respiratory Therapist (CRT) Option

This option is open only to currently Florida-licensed CRT practitioners who want to earn the AS degree in respiratory care. Eligible students receive 23 credits and may earn an AS degree after completing 53 credits in the program.





# PREPARE FOR AN EXCITING CAREER

## HOSPITALITY AND CULINARY ARTS



### Median Annual Salaries

Chef or Head Cook	Event Planner	Food Service Manager
<b>\$45,158</b>	<b>\$43,412</b>	<b>\$58,446</b>

Do you relish working with people and food? Hospitality and culinary arts may be the field for you. Beyond training to be a chef, you could learn to improve health, manage a business or plan events. Florida is a prime location for the hospitality industry.

HOSPITALITY AND CULINARY ARTS

#### AS Culinary Management

Develop and perfect the techniques to become a professional cook or chef.

#### Chef's Apprentice CCC

12 credit hours

Gain the skills to work as a pantry, prep or lead cook.

#### Culinary Arts CCC

35 credit hours

Train to become a cook, restaurant manager or food director of a hotel or resort.

#### AS Dietetic Technician

A dietetic technician guides others to better health through nutrition. Gain the knowledge to work with a registered dietitian to assist with menu planning, diet instruction and food purchasing in schools, hospitals, resorts or senior living facilities.

#### AS Hospitality and Tourism Management

Prepare to manage hotels, motels, recreation establishments and resorts.

#### Event Planning Management CCC

24 credit hours

Discover careers in the hospitality industry through the study of economics, law, management, merchandising and more.

#### AS Restaurant Management

Acquire the skills to manage a hotel/motel, restaurant, bar or catering agency.

#### Food and Beverage Management CCC

31 credit hours

Get ready to take on the role of supervisor or manager in the food and beverage industry.

#### Food and Beverage Operations CCC

18 credit hours

Master basic operations required to run a restaurant or to manage food services on a cruise ship or in other areas of hospitality.

The **HCC Gourmet Room** helps culinary arts students gain experience operating and managing a real restaurant.



# PROGRAM YOUR FUTURE

## INFORMATION TECHNOLOGY



If you're tech-savvy and want to make a career of it, consider information technology. Training at HCC can help you land positions in areas such as engineering, internet services, network administration, computer programming and database technology.



### DIGITAL AND DYNAMIC

Web design and development are growing fields as the digital world continues to expand.

**AS Computer Information Technology**

Train to be a PC support specialist in microcomputers, software or information systems.

**AS Computer Programming and Analysis**

Develop the skills to become a computer programmer, data manager, specialist or analyst.

**Computer Programmer CCC**

*36 credit hours*

**Computer Programming Specialist CCC**

*18 credit hours*

**AS Cybersecurity**

Delve into the world of cybersecurity as you specialize in confronting complex IT security concerns and helping to protect companies from hackers.

**AS Database Technology**

Become a database technology expert who leads businesses in this important role.

**Database Administrator CCC**

*15 credit hours*

**AS Internet Services Technology – Web Designer**

Train to be a web designer, web master, ecommerce developer or intranet architect. After completing this program you will be proficient in website design.

**Internet Services Technology Web Development Specialist - Designer CCC**

*35 credit hours*

**AS Internet Services Technology – Web Developer**

Gain the skills to become a web technician, administrator, developer, manager or architect.

**Internet Services Technology Web Development Specialist – Developer CCC**

*35 credit hours*

**AS IT Project Management**

Prepare for junior or entry-level program management jobs in information technology by learning a range of business, technology and project management skills.

**AS Network Systems Technology**

Prepare for positions such as cabling specialist, network control operator, data communications analyst, network technician or systems administrator. Students in this program may choose one of the following AS degree tracks:

**Network Administrator (Microsoft)**

Receive the technical training to be a computer network specialist, network administrator, customer support analyst, systems installer, or network systems engineer.

**Network Infrastructure (Cisco)**

Learn network infrastructure concepts, protocols and configurations related to routers, LAN, VLAN, WAN, IP addressing and more.

**Network Security**

Become an information technology security professional assisting business and industry in defending security attacks.

**Digital Forensics**

Gain proficiency in basic and advanced security concepts, computer forensics investigations, and other skills related to this field.

**Digital Forensics CCC**

*30 credit hours*

**Help Desk Support Technician CCC**

*18 credit hours*

**Network Enterprise Administration CCC**

*27 credit hours*

**Network Infrastructure CCC**

*21 credit hours*

**Network Security/Cybersecurity (Cisco or Windows) CCC**

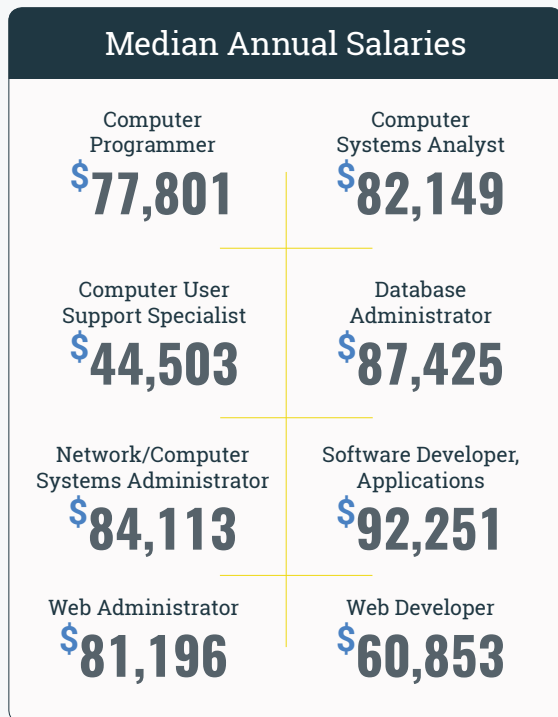
*30 credit hours*

**Network Server Administration CCC**

*24 credit hours*

**Network Support Technician CCC**

*18 credit hours*







# WHERE CREATIVITY MEETS TECHNOLOGY | MEDIA ARTS TECHNOLOGY



### Median Annual Salaries\*\*\*

Multimedia Journalist <b>\$32,000</b>	News Photographer <b>\$34,000</b>	Reporter <b>\$44,000</b>
Television News Anchor <b>\$70,000</b>	Television Producer <b>\$33,000</b>	Video Editor <b>\$30,000</b>

If you have a creative side and an interest in technology, media arts technology can lead you to a fast-paced career in television or radio production, graphic design, or digital media. Take a look at HCC's array of options.

\*\*\* These median annual salaries are based on the Radio Television Digital News Association's 2017 Salary Survey and may be found at [rtdna.org](http://rtdna.org). Industry salaries may be higher or lower based on market size.

**MEDIA ARTS TECHNOLOGY**

#### AS Digital Media/Multimedia Technology

Develop practical knowledge in production design, electronic publishing, multimedia development, interface design and graphic design. Students in this program may choose one of the following tracks:

##### Game Design and Development

Specialize in designing and developing digital games.

##### Multimedia Developer

Become a multimedia specialist and multimedia presentation developer.

**Digital Media/Multimedia Instructional Technology CCC**  
*15 credit hours*

**Digital Media/Multimedia Production CCC**  
*15 credit hours*

**Digital Media/Multimedia Video Production CCC**  
*12 credit hours*

**Digital Media/Multimedia Web Production CCC**  
*15 credit hours*

**Game Authoring CCC**  
*12 credit hours*

**Graphic Design Production CCC**  
*27 credit hours*

**AS Digital Television, Radio, Film and Media Production**  
Prepare for a career in television, radio or video web production. Learn to create TV news content, live sports coverage, and entertainment, commercial and promotional video. Gain hands-on skills in producing radio content and serving as talent on our college radio station, or by producing and directing broadcasts in our new HD television studio.

**Broadcast Production CCC**  
*24 credit hours*

**Digital Video Production CCC**  
*12 credit hours*

**Television Production CCC**  
*12 credit hours*

**Video Editing and Post Production CCC**  
*24 credit hours*



# WORK FOR THE GREATER GOOD

PUBLIC SERVICE



Public service is a truly honorable pursuit, and many career paths in this area offer exciting work environments and interesting cases requiring dedication, skill and attention to detail.



more than a

**91%**  
pass rate



HCC Fire Academy graduates have a 91% pass rate on their first attempts at the state certification exam and 99% on retakes.

**CRIMINOLOGY**

**AS Criminology and Criminal Justice Studies**

This program offers a broad view of the criminal justice system and prepares students for careers in law enforcement, crime scene investigations, corrections, juvenile justice, private security, homeland security and law. Graduates may transfer to a university to seek a bachelor's degree. Graduates of a law enforcement academy may receive college credit hours toward this degree.

**Crime Scene CCC**

*28 credit hours*

**Criminal Justice Technology Specialist CCC**

*24 credit hours*

**Homeland Security Specialist CCC**

*9 credit hours*

**FIRE FIGHTING**

**AS Fire Science Technology**

Qualify to be a fire science technician, fire officer, fire safety inspector, building inspector or fire insurance salesperson.

**Fire Academy PSAV**

*398 clock hours*

Train to become a firefighter in Florida and obtain your professional certification. Develop skills such as fire attack and control, fire ground ladder, hose and rope operations, and basic emergency medical care.

**Fire Officer Supervisor CCC**

Prepare to supervise firefighters who control and extinguish fires, protect life and property, and conduct rescue efforts. This certificate is ideal for professional fire service personnel who are seeking career enhancement.

**PARALEGAL**

**AS Paralegal Studies/Legal Assisting**

Under the supervision of an attorney, paralegal or legal assistant responsibilities may include conducting research, preparing legal documents, analyzing information and interviewing clients.

**Paralegal Studies/Legal Assisting ATC**

*21 credit hours*

If you already hold a bachelor's or higher degree, this certificate will qualify you for work in a law office, corporation or government agency. Qualify to sit for the Certified Legal Assistant Exam sponsored by the National Association for Legal Assistants.

**LAW ENFORCEMENT**

**Bail Bonding PSAV**

*120 clock hours*

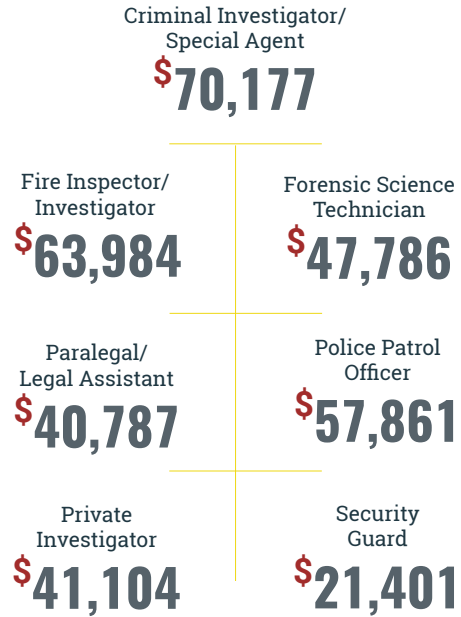
Take the steps to become a licensed bail bond agent in Florida.

**Correctional Officer PSAV**

*420 clock hours*

Train in the supervision, protection, custody and investigation of inmates within a correctional facility.

**Median Annual Salaries**



**Law Enforcement Academy PSAV**

*770 clock hours*

Get ready to serve as a law enforcement officer responsible for preventing and detecting crime, and enforcing laws—with the authority to bear arms and make arrests.

**Law Enforcement Auxiliary PSAV**

*364 clock hours*

Graduates may serve as part-time law enforcement officers.

**Private Investigator PSAV**

*40 clock hours*

Become versed in the legalities and techniques of working as a private investigator.



**Counseling and Human Services**

See page 19 for information about this program.





# PROVIDE CARE FOR OUR CREATURES | VETERINARY TECHNOLOGY



If you have a soft spot for animals and an aptitude for math and science, consider this rewarding career path. HCC's veterinary technology program features outstanding faculty members with professional expertise, along with many hands-on learning experiences. Students serve the community by partnering with local shelters to help homeless animals receive veterinary services.

VET TECH

### AS Veterinary Technology

Prepare to work in veterinary private practice, agriculture (equine services, farms and ranches), biomedical research, zoo/wildlife medicine, tourist/recreational facility animal care and research, veterinary supplies sales, or humane societies. Graduates of this program have very high job placement rates, and their pass rates on the Veterinary Technician National Examination (VTNE) are consistently well above the national average.



**Median Annual Salaries**

Veterinary Technologist/  
Technician

**\$29,698**

**2nd** largest program  
in Florida

THE HCC VETERINARY TECHNOLOGY PROGRAM IS THE **SECOND LARGEST AVMA-ACCREDITED PROGRAM** IN FLORIDA.



*HCC PREPARES*  
**STUDENTS FOR  
SUCCESS**

in their professional fields and in life.

# PROGRAM LOCATIONS

## Join Our Community.

Each HCC campus offers a variety of AS degree and certificate programs, with some programs available on all campuses. The following guide highlights the programs we generally offer on each campus. Please refer to the occupational clusters for comprehensive listings of specific degree programs and accompanying certificates.

### *DR. GWENDOLYN W. STEPHENSON DISTRICT ADMINISTRATION CENTER*

39 Columbia Drive  
Tampa, FL 33606  
813.253.7000

### *HCC @ MACDILL EDUCATION CENTER*

8102 Condor Street  
MacDill AFB, FL 33621



**BRANDON**

### *BRANDON CAMPUS*

10451 Nancy Watkins Drive  
Tampa, FL 33619

- Aquaculture
- Biotechnology
- Business
- Engineering Technology
- Information Technology
- Supply Chain Management



**DALE MABRY**

### *DALE MABRY CAMPUS*

4001 W. Tampa Bay Blvd.  
Tampa, FL 33614

- Accounting
- Apprenticeship Programs
- Architectural Design and Construction
- Business
- Electronics Engineering Technology
- Health Sciences
- Hospitality and Culinary Arts
- Information Technology
- Media Arts Technology (Digital Media/  
Multimedia Technology)



**PLANT CITY**

### *PLANT CITY CAMPUS*

1206 N. Park Road  
Plant City, FL 33563

- Apprenticeship Programs
- Business
- Commercial Driver's License – A
- Environmental Science Technology
- Information Technology
- Health Sciences (Emergency Medical Services and Nursing only)
- Veterinary Technology



**SOUTHSHORE**

### *SOUTHSHORE CAMPUS*

551 24th Street NE  
Ruskin, FL 33570

- Business
- Health Sciences (Emergency Medical Services and Nursing only)
- Information Technology



**YBOR CITY**

### *YBOR CITY CAMPUS*

2112 N. 15th Street  
Tampa, FL 33605

- Business
- Early Childhood Education
- Media Arts Technology (Digital Television & Media Production)
- Medical Billing and Coding
- Office Administration
- Public Service (Bail Bonding, Correctional Officer, Criminal Justice Technology, Fire Science Technology, Law Enforcement, Paralegal/Legal Assisting)
- Supply Chain Management
- Transportation (Auto Collision Repair and Refinishing, Automotive Service Technology, Welding Technology)

# Take a closer look

## at HCC's exciting AS degree and certificate programs.

[hccfl.edu/getagreatjob](http://hccfl.edu/getagreatjob)



**HCC**  
*Career Pathways*  
[hccfl.edu](http://hccfl.edu)

Hillsborough Community College (HCC) is an Equal Employment Opportunity and Affirmative Action employer. HCC does not discriminate based upon race, color, gender (including pregnancy, childbirth, or related medical conditions), religion, national origin, age, disability, sexual orientation, marital status, gender identity, gender expression, veteran status, or any other legally protected characteristics.

Employees and students who believe they have been victims of discrimination or sexual harassment should contact Cheryl Gonzalez, Chief Diversity Officer, telephone 813-253-7043, email [cgonzalez159@hccfl.edu](mailto:cgonzalez159@hccfl.edu).

For the most current Gainful Employment rules and guidelines, please go to [hccfl.edu/gainful-employment](http://hccfl.edu/gainful-employment).  
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