

# FLORIDA SOUTHWESTERN STATE COLLEGE

SCHOOL OF BUSINESS AND TECHNOLOGY





# Why should you choose the School of Business and Technology at FSW?

- Perhaps because we house some of the most diverse Workforce Education and academic program offerings at the college, including:
  - o College Credit Certificate (CCC) programs
  - o Associate in Science (AS) degree programs, and
  - o Bachelor of Applied Science (BAS) degree programs
- Or because our programs are relevant, challenging, and designed to equip you with the kind of education that is in demand by many employers today.
- Or maybe because we help our students build professional skills through continuously updated curricula, modern facilities, and state-of-the-art technology across all of our programs.
- Interested? Please visit our website at [www.fsw.edu/sobt](http://www.fsw.edu/sobt) to learn more about the School of Business and Technology at FSW.

Florida SouthWestern State College is committed to providing an educational and working environment free from discrimination and harassment. All programs, activities, employment and facilities of Florida SouthWestern State College are available to all on a non-discriminatory basis, without regard to race, sex, age, color, religion, national origin, ethnicity, disability, sexual orientation, marital status, genetic information or veteran's status. The College is an equal access/equal opportunity institution. Questions pertaining to educational equity, equal access or equal opportunity should be addressed to Title IX/Equity Officer, Florida SouthWestern State College, 8099 College Parkway, Fort Myers, FL 33919, (239) 489-9051.



# What can you study in the School of Business and Technology?

## Architecture and Construction

Architectural Design and Construction Technology .....	2
Civil Engineering Technology .....	3

## Business

Bachelor of Applied Science in Supervision and Management .....	4
Accounting Technology .....	5
Business Administration and Management .....	6
Intermodal Freight Transportation .....	7

## Information Technology


Computer Programming and Analysis .....	8
Network Systems Technology.....	9

## Law & Public Safety

Bachelor of Applied Science in Public Safety Administration .....	10
Crime Scene Technology .....	11
Criminal Justice Technology.....	12
Paralegal Studies .....	13



# Architectural Design and Construction Technology

A photograph of two young men sitting on a green lawn in front of a modern, light-colored building. The man on the left is wearing glasses and a dark hoodie, while the man on the right is wearing a blue and white striped polo shirt. In the background, other students are sitting on a bench under a red umbrella. The image is overlaid with a semi-transparent dark purple box containing text.

**The Associate in Science in Architectural Design and Construction Technology degree** helps prepare you for entry-level architectural drafting and construction design positions in public and private organizations, and/or for advancement to a Bachelor's degree in architecture, a related field, or the BAS in Supervision and Management degree at FSW.

- Perform manual and computer-aided design (CAD) drawings using industry standard software
- Gain a broader educational experience with 18 credit hours of general education courses


### **Career and Occupational Opportunities include**

- Residential and Light Commercial Design
- Drafting
- Job Cost Estimating

The median annual wage in Florida for Architectural Drafters was \$47,200 with the lowest 10% of workers earning \$32,200 and the highest 10% earning \$69,000 in 2014. O\*Net reports a projected employment growth rate in Florida of 2% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/17-3011.0> (visited May 20, 2015)

# Civil Engineering Technology



**The Associate in Science in Civil Engineering Technology degree** will help prepare you for entry-level engineering and surveying positions in public, private, and governmental organizations, or for advancement to a Bachelor's degree in civil engineering, environmental engineering, a related field, or the BAS in Supervision and Management degree at FSW.

- Perform manual and computer-aided surveying using advanced, industry specific software, including GIS
- Gain a broader educational experience with 18 credit hours of general education courses

### **Career and Occupational Opportunities include**

- Entry-level Residential and Light Commercial Surveying
- Mapping
- General boundary layout in public and private organizations

The median annual wage in Florida for Civil Engineering Technicians was \$46,800 with the lowest 10% of workers earning \$28,900 and the highest 10% earning \$72,100 in 2014. O\*Net reports a projected employment growth rate in Florida of 14% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/17-3022.00> (visited May 20, 2015)

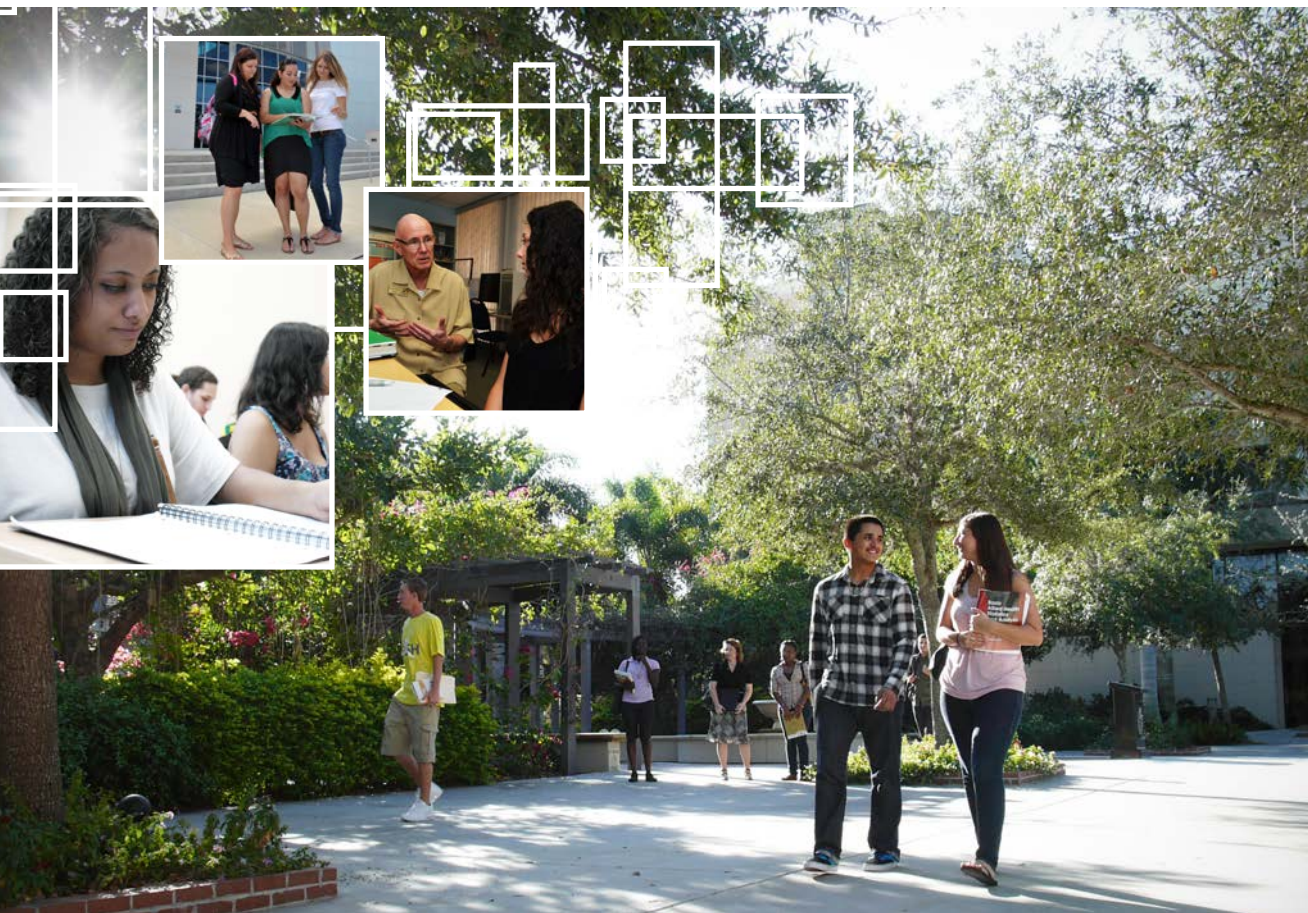


# Bachelor of Applied Science in Supervision and Management

## The Bachelor of Applied Science in Supervision and Management degree

will help prepare you for managerial and supervisory positions in a variety of professions. The program provides a career and educational pathway for students who have earned Associate in Science degrees in professional and technical disciplines and for those with Associate in Arts degrees who have an interest in acquiring leadership, business, management, and supervisory skills.

- Courses include leadership, strategic planning, accounting, finance and budgeting, human resource management, information technology, business ethics, and international business.
- Most courses are offered in an online or a blend of online and traditional formats, including those in accelerated eight-week schedules.
- Choose from a wide variety of electives in a range of business topics, or choose a 4-course, 12-credit focus in Accounting, Retail Management and Marketing, Entrepreneurship, or Health Services Administration.



# Accounting Technology



**The Associate in Science in Accounting Technology degree** helps prepare you for entry-level accounting and tax positions in public and private accounting, or for advancement to a Bachelor's degree in accounting, business, management, or a related area including the BAS in Supervision and Management degree at FSW.

- 18 credit hours of general education courses provide a broader educational experience.

## Accounting Technology Management Certificate

- Consists of pure accounting and business courses from the Accounting Technology degree.

## Career and Occupational Opportunities include

- Accounts Receivable Clerk
- Payroll Assistant
- Bookkeeper
- Income Tax Preparer
- Tax Clerk

The median annual wage in Florida for Bookkeeping, Accounting, and Auditing Clerks was \$33,800 with the lowest 10% of workers earning \$21,600 and the highest 10% earning \$48,600 in 2014. O\*Net reports a projected employment growth rate in Florida of 17% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/43-3031.00> (visited May 20, 2015)



## Business

# Administration and Management

**The Associate in Science in Business Administration and Management degree** helps prepare you for entry-level administration and management positions in public and private organizations, to start or run a small business, and/or for advancement to a Bachelor's degree in accounting, business, management, or a related area including the BAS in Supervision and Management degree at FSW.

- 18 credit hours of general education courses provide a broader educational experience.

### Small Business Management Certificate

- Consists of pure accounting, business, and small business management courses from the Business Administration degree program.

### Business Development and Entrepreneurship Certificate

- Coursework focuses on risk assessment and business startup.

### Career and Occupational Opportunities include entry-level management positions in

- Retail
- Service
- Government
- Manufacturing Operations
- Small Business

According to a survey of over 500 CEOs conducted by Chief Executive Magazine, Florida ranked as the second best state in the U.S. for businesses in 2014. This is in part due to its machinery sales tax exemption, workforce quality, and quality of living environment.\*

\* Source: ChiefExecutive.net, <http://chiefexecutive.net/2014-best-worst-states-for-business>



# Intermodal Freight Transportation Certificate

The College Credit Certificate (CCC) in Intermodal Freight Transportation offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for initial employment and/or further education in the Transportation, Distribution, and Logistics fields.

Coursework includes academic rigor combined with hands-on training with classes in Air Cargo Operations, Rail Freight Operations, Trucking Operations, Sea Port Operations, Transportation and Logistics, and Intermodal Transportation Operations.

Career and Occupational Opportunities include entry level positions in

- Warehousing
- Distribution
- Cargo and Freight Agencies
- Freight Forwarders
- Airfreight
- Trucking Companies
- Logistics

The median annual wage in Florida for Shipping, Receiving, and Traffic Clerks was \$27,000 with the lowest 10% of workers earning \$18,800 and the highest 10% earning \$41,000 in 2014. O\*Net reports a projected employment growth rate in Florida of 1% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/43-5071.00> (visited May 20, 2015)



# Computer Programming and Analysis

**The Associate in Science in Computer Programming and Analysis degree** helps prepare you for entry-level computer programming positions and/or for advancement to a Bachelor's degree in an information technology discipline or the BAS, Supervision and Management degree at FSW.

- Learn Visual Basic, C++, C#, HTML, Java, data systems management, and database management.
- Prepare to earn relevant, recognized industry certifications such as those offered by Microsoft and CompTIA.
- Gain a broader educational experience with 18 credit hours of general education courses.

## Information Technology Support Specialist Certificate

- Consists of basic information technology coursework.

## Computer Programming Specialist Certificate

- Consists of the basic information technology courses from the Computer Programming and Analysis degree program.

## Computer Programmer Certificate

- Consists of the pure information technology courses from the Computer Programming and Analysis degree program.

## Career and Occupational Opportunities include

- Entry-level Programming and Networking
- Tech Support
- Database Administration
- Positions outside of the IT industry where solid technical knowledge, skills, and abilities are required
- Job prospects will be best for programmers who have a bachelor's degree or higher and knowledge of a variety of programming languages. Keeping up to date with the newest programming tools will also improve job prospects.\*
- The median annual wage in Florida for Computer Programmers was \$72,500 with the lowest 10% of workers earning \$40,700 and the highest 10% earning \$117,800 in 2014. O\*Net reports a projected employment growth rate in Florida of 11% per year.\*\*

\*Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2014-15 Edition, Computer Programmers, on the Internet at <http://www.bls.gov/ooh/computer-and-information-technology/computer-programmers.htm> (visited May 22, 2015).

\*\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/15-1131.00> (visited May 20, 2015)

# Network Systems Technology

**The Associate in Science in Network Systems Technology degree** helps prepare you for entry-level network administration and information technology positions and/or for advancement to a Bachelor's degree in an information technology related discipline, or the BAS in Supervision and Management degree at FSW. Upon completion, you can design, implement, and manage local and wide area networks based on several operating systems.

- Training utilizing industry standards, business platforms, and operating systems stresses importance of developing skills in written and oral communication, management, and business operations.
- Gain a broader educational experience with 18 credit hours of general education courses.

## Information Technology Support Specialist Certificate

- Consists of basic information technology coursework.

## Network Security Certificate

- Consists of coursework from the Network Systems Technology program with a focus on forensics and security.

## Network Enterprise Administration Certificate

- Help prepares students for employment opportunities as Microsoft Enterprise Administrators and to earn various industry-recognized certifications.

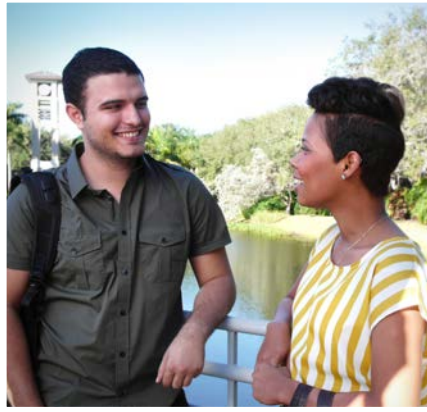
- Growth is expected in healthcare industries as their use of information technology increases. More administrators will be required to manage the growing systems and networks found at hospitals and other healthcare institutions.\*
- Job opportunities should be favorable for this occupation. Prospects should be best for applicants who have a bachelor's degree in computer science and who are up to date on the latest technology, especially cloud computing.\*
- Employment of information security analysts is projected to grow 37 percent from 2012 to 2022, much faster than the average for all occupations. Demand for information security analysts is expected to be very high as these analysts will be needed to come up with innovative solutions to prevent hackers from stealing critical information or creating havoc on computer networks.\*\*

\*Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2014-15 Edition, Network and Computer Systems Administrators, on the Internet at <http://www.bls.gov/ooh/computer-and-information-technology/network-and-computer-systems-administrators.htm> (visited May 22, 2015).

\*\*Source: Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, 2014-15 Edition, Information Security Analysts, on the Internet at <http://www.bls.gov/ooh/computer-and-information-technology/information-security-analysts.htm> (visited May 22, 2015).



# Bachelor of Applied Science in Public Safety Administration



**The Bachelor of Applied Science in Public Safety Administration degree** helps prepare you as leader, supervisor, and administrator in public safety related professions. Students enrolling in the program bring a variety of safety and security backgrounds to enrich the educational experience, including legal studies, law enforcement, corrections, fire science, and emergency medical services. The program provides a career and educational pathway for students who have earned an Associate in Science degree in a public safety discipline or an Associate in Arts degree with electives chosen from the public safety field.

- Courses include public administration, strategic planning, finance and budgeting, human resource management, and homeland security.
- Program graduates are prepared for career promotions and advancement in the public safety industry including law enforcement, fire services, corrections, emergency medical services, emergency administration management, and industrial security enterprises in both government and private sector agencies.
- Most courses are offered in an online or blend of online and traditional formats, including those in accelerated eight-week schedules.



## Crime Scene Technology

**The Associate in Science in Crime Scene Technology degree** helps prepare you for entry-level positions in fields including crime scene investigation, accident investigations, insurance investigations, private investigation, and/or for advancement to a Bachelor's degree in a criminal justice, public safety, or public administration discipline, including FSW's Bachelor of Applied Science degrees in Public Safety Administration or Supervision and Management.

- Prepares students to use computerized fingerprint databases, 3D crime scene imaging technology, advanced photography, and laboratory analysis techniques.
- Gain a broader educational experience with 18 credit hours of general education courses.

### Crime Scene Technician Certificate

- Consists of core crime scene technology courses from the Crime Scene Technology degree program.

### Career and Occupational Opportunities include

- Law Enforcement
- Investigations
- Corrections
- Security
- Many law enforcement agencies use the degree attainment to help determine eligibility for promotion

The median annual wage in Florida for Forensic Science Technicians was \$44,100 with the lowest 10% of workers earning \$31,100 and the highest 10% earning \$68,600 in 2014. O\*Net reports a projected employment growth rate in Florida of 16% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/19-4092.00> (visited May 20, 2015)



# Criminal Justice Technology

**The Associate in Science in Criminal Justice Technology degree** helps prepare you for entry-level or advancement in local law enforcement and corrections positions and/or for advancement to a Bachelor's degree in a criminal justice, public safety, or public administration discipline, including FSW's Bachelor of Applied Science degrees in Public Safety Administration or Supervision and Management. Many law enforcement agencies use degree attainment to help determine eligibility for promotion.

- The program is designed especially for students who have successfully completed the Florida Department of Law Enforcement's Criminal Justice Standards & Training Commission Basic Recruit Academies for Law Enforcement Officer and/or Correctional Officers.
- These students are eligible for up to 18 semester credit hours of core credit in the AS in Criminal Justice Technology degree upon completion of the program prerequisites.
- 18 credit hours of general education courses provide a broader educational experience.
- The program is designed to allow students to choose from a variety of electives or to select from a 3-course, 9-credit focus in Homeland Security, Legal Environment, or Crime Scene Technology within the regular degree requirements.

## Career and Occupational Opportunities include:

- Law Enforcement
- Investigations
- Corrections
- Security

The median annual wage in Florida for Police Detectives was \$64,300 with the lowest 10% of workers earning \$42,000 and the highest 10% earning \$124,000 in 2014. O\*Net reports a projected employment growth rate in Florida of 3% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/33-3021.01> (visited May 20, 2015)





# Paralegal Studies

**Paralegal Studies Associate in Science degree** helps prepare you for entry-level positions or advancement in local law offices, governmental offices, real estate offices, or related fields, or for advancement to a Bachelor's degree in a variety of disciplines including criminal justice and FSW's Bachelor of Applied Science degrees in Public Safety Administration or Supervision and Management.

- Students are required to perform an internship in a local law office, prosecutor's office, state attorney's office, or similar setting.
- Students who successfully complete the program are qualified to sit for the National Association of Legal Assistants (NALA Certified Legal Assistant/Certified Paralegal exam (CLA/CP)).
- 18 credit hours of general education courses provide a broader educational experience.

**Career and Occupational Opportunities include:**

- Entry-level Paralegal
- Legal Assistant
- Title Researcher
- Real Estate Closing Agent
- Judicial Assistant

FSW's Paralegal Studies program is approved by the American Bar Association.

[www.americanbar.org/aba.html](http://www.americanbar.org/aba.html)

[apps.americanbar.org/legalservices/paralegals/directory/fl.html](http://apps.americanbar.org/legalservices/paralegals/directory/fl.html)

Graduation from the FSW Associate in Science degree program in Paralegal Studies does not qualify students to practice law, sit for a state bar examination, or allow them to represent themselves as lawyers. Paralegal and legal assistants should acknowledge the American Bar Association's definition of a paralegal or legal assistant as "a person, qualified by education, training, or work experience who is employed or retained by a lawyer, law office, corporation, governmental agency or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible."

The median annual wage in Florida for Paralegals and Legal Assistants was \$46,300 with the lowest 10% of workers earning \$31,000 and the highest 10% earning \$71,500 in 2014. O\*Net reports a projected employment growth rate in Florida of 32% per year.\*

\*Source: O\*Net Online on the internet at <http://www.onetonline.org/link/summary/23-2011.00> (visited May 20, 2015)



**For more information, contact:  
SCHOOL OF BUSINESS AND TECHNOLOGY**

**Thomas Edison Campus  
Fort Myers, FL**

**Collier Campus  
Naples, FL**

**Charlotte Campus  
Punta Gorda, FL**

**Hendry/Glades Center  
LaBelle, FL**

**(239) 489-9270  
[www.FSW.edu/sobt](http://www.FSW.edu/sobt)  
Email us at [sbt@fsw.edu](mailto:sbt@fsw.edu)**

Florida SouthWestern State College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate and baccalaureate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia, 30033-4097 or call (404) 679-4500 for questions about the accreditation of Florida SouthWestern State College.

**[www.FSW.edu](http://www.FSW.edu)**