

## 2007-08 Catalog: Programs of Study

### Computer Engineering Technology (Cisco CCNP Technician)

The Cisco CCNP Technician subspecialty of the Computer Engineering Technology degree program emphasizes networking and internetworking, and includes the eight courses in the Cisco Networking Academy. Core classes are in computer repair, operating systems and basic networking. The program also emphasizes hands-on instruction with industry-standard equipment. The Cisco CCNP Technician subspecialty also will prepare you for Cisco's CCNA and CCNP certification exams.

There are four options within this program:

- **Computer Engineering Technology (Cisco CCNP Technician)** A.A.S. Degree
- **Cisco CCNA** Technical Certificate
- **Computer Specialist (Cisco CCNP)** Technical Certificate
- **Computer Forensics Specialist** Technical Certificate

Students may choose to pursue an A.A.S. degree and earn technical certificates while completing the requirements for the degree, or pursue one or more certificate field. Contact and advisor or counselor to determine the career education path that is best for you.

Students may complete a degree in only one of the two specialty tracks, Cisco CCNP or Computer Technicians. Students who wish to add a second area of specialization after completing a degree should pursue a technical certificate in that area.

Students who have completed the **Network Support Services** certificate program may apply to have their coursework evaluated for college credit and applied to these programs.

### Computer Forensics Specialist (6937)

#### Technical Certificate

Computer forensics is a new and burgeoning field of investigation. Computer forensic specialists are employed in law enforcement agencies, both local and federal, in corporations and in small businesses. The techniques and procedures used by the computer forensic specialist are similar but differ from physical forensics. The specialist must recover data that has been electronically stored on digital media. In many circumstances, the data may be used as evidence in court proceedings and must be handled in an evidentiary secure manner. The rules and procedures concerning chain-of-custody must be strictly obeyed.

The Computer Forensics Specialist curriculum prepares the student for a career in the field of data forensics. The student is introduced to the legal concepts of criminology and criminal evidence and procedure. The program delivers a solid foundation in computer hardware and peripherals. The course of study prepares the candidate to sit for the Certified Information Security Professional (CISSP) and Security+ examinations. Students completing this program may continue in the **Computer Engineering Technology (Cisco CCNP)** A.A.S. degree program in order to gain higher level Cisco networking skills.

#### Career Opportunities, Rapid Placement

Florida Community College programs are designed to match industry demands and provide intensive training to ensure you're ready for the job. We are the regional resource for employers in every type of technology. Our partnerships with Cisco Systems, Dell, IBM, Microsoft, Oracle and Sun Microsystems provide career connections. Our intranet site posts jobs targeting FCCJ students, and FCCJ graduates are regularly employed by CSX, JEA, Blue Cross Blue shield, the City of Jacksonville, Medtronic, Mayo Clinic and other regional employers including the government and military.

#### Certification and Licensing

Upon successful completion of the program, students will be prepared to sit for the Certified Information Security Professional (CISSP) and **Security+** examinations.

#### Articulations

Students completing this program may continue in the **Computer Engineering Technology (Cisco CCNP Technician)** A.A.S. degree program in order to gain higher level Cisco networking skills.

#### Cost

Estimated cost of tuition is \$1,594 (tuition rated for Florida residents, as of 7/07). Contact the program manager for additional costs (textbooks, materials, fees).

**Need More Information? Contact:**

**Lance Wallace**, Advanced Technology Center, 904.598.5676

**Curriculum**

<b>Course Number and Title</b>	<b>Credits</b>
<b>Required Professional Courses</b>	
<b>CET 1514</b> Desktop Operating Systems	3
<b>CET 2186</b> Computer Peripherals and Interfacing	3
<b>CET 2687</b> Security+	3
<b>CET 2688</b> Principles and Practices of the CISSP	3
<b>CET 2662</b> Techniques of Computer Hacking and Incident Handling	3
<b>CET 2880</b> Data Forensics I — Basic	3
<b>CET 2881</b> Data Forensics II — Advanced	3
<b>CET 2681</b> Intrusion Detection Systems and Auditing	3
<b>Credit Hours</b>	<b>24</b>
<b>Total Credit Hours</b>	<b>24</b>

Please see the technical certificate **Graduation Requirements**.

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To request information, contact the Learner Support Center at [info@fccj.edu](mailto:info@fccj.edu) or 904.646.2300.

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