

### Network Services Technology

The Networking Services Technology program is for individuals interested in beginning or advancing a career in computer/network support. Computer and network support work involves installing, configuring, repairing, and managing computer and network hardware and software. It requires both hands-on skills and knowledge of theory and concepts. Because network technology is constantly changing and evolving, learning in this field never ends. The emphasis of the program is on teaching students a broad base of skills and knowledge in network and systems administration while also allowing the flexibility for students to pursue individual interests and specialties. With the ever-changing demands of the technology job market, this broad background and flexibility increases career opportunities available to graduates.

There are four options within this program:

- **Network Services Technology** A.S. or A.A.S. Degree
- **Information Technology Technician (Desktop Support)** Technical Certificate
- **Information Technology Management (Systems Administrator)** Technical Certificate

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

### Information Technology Management (Systems Administrator) (6146)

#### Technical Certificate

As a systems administrator, you are responsible for installing, configuring, and administering workstation and network operating systems and services. This program teaches you the basic skills and knowledge needed to work as an entry-level microcomputer technician or desktop support specialist. You then learn to administer networks in Microsoft and Linux environments.

This program may serve as the basis for pursuing industry-recognized certifications such as CompTIA's A+ Microcomputer Technician certification, Microsoft's Certified Systems Administrator (MCSA) certification, and various Linux certifications. You may also take advantage of credit-by-certification; courses can be skipped and credit granted for equivalent certifications already attained.

All courses in this technical certificate are also included in the **Networking Services Technology** A.S./A.A.S. degree. You have the option of applying all of the coursework completed in this program toward an associate's degree.

#### Career Opportunities, Rapid Placement

FCCJ is 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. We offer an intranet site posting jobs targeting FCCJ students. Our 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.

#### Annual Salaries

Computer support specialists are among the fastest growing occupations over the 2002-12 period. Starting salaries for Jacksonville average \$45,000–65,000, the Florida average is \$56,220 and the national average is \$61,470.

## Certification and Licensing

Upon completion of this program, students will be able to pursue industry-recognized certifications such as CompTIA's A+ Microcomputer Technician certification, Microsoft's Certified Systems Administrator (MCSA) certification, and various Linux certifications.

## Articulation

Students have the option of applying all the coursework completed in this program towards the **Network Administrator** A.S./A.A.S. degree.

## Cost

Estimated cost of tuition is \$1,992 (tuition rated for Florida residents, as of 7/07). Contact the program manager for textbook, fees and material costs.

## Need More Information? Contact:

**Dave Langell**, South Campus, 904.646.2313

## More Information Online

## Department of CIS and OST at South Campus

## Curriculum

Course Number and Title	Credits
<b>Professional Courses</b>	
* <b>CGS 1060</b> Introduction to Information Technology	3
<b>or</b> <b>CGS 1100</b> Microcomputer Applications Business and Economics	
<b>CGS 1071</b> Network Technician Foundations	3
<b>CGS 1824</b> Internet Foundations	3
<b>CDA 1302</b> Hardware Configuration	3
<b>CDA 1403</b> Software Configuration	3
<b>CEN 1300</b> Microsoft Desktop Administration	3
<b>CEN 1304</b> Microsoft Server Administration	3
<b>COP 2341</b> Linux Workstation Administration	3
<b>COP 2347</b> Linux Network Administration	3
<b>CEN 2305</b> Microsoft Network Administration	3
<b>Credit Hours</b>	<b>30</b>
<b>Total Credit Hours</b>	<b>30</b>

\***CGS 1570** may be substituted for **CGS 1060** or **CGS 1100**.

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

© 2007 Florida Community College at Jacksonville

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

Revised October 18, 2007