

2007-08 Catalog: Programs of Study

Network Communications (VoIP) (6398)

Technical Certificate

This is a selective access program. You must have CET 2759 CCNA Certification or one year work experience in the field to enter. This program incorporates the core courses from the Telecommunication Engineering Technology program and is designed for information professionals with prior degrees and/or experience in networking, and who wish to gain skills specific to converged networks. The program may also be appropriate for individuals in other professions who wish to gain an understanding of IP telephony and video over IP networks. The program focuses on hands-on lab-based learning and is not at the engineering or theory level. Topics covered include traditional telephony systems, video over IP, codes, quality of service, unified messaging, home integration, and many more relevant and current areas in converged networks. Students completing this program may continue in the **Telecommunication Engineering Technology** A.S./A.A.S. degree program and gain higher level converged networking skills.

This selective access technical certificate in Network Communications (VoIP) is designed to give a person with experience in general networking an in-depth understanding of converged networks. Students enrolling in this course should have a basic knowledge of network systems as gathered from work experience, college work, or self-learning, and an interest in exploring a growing and dynamic field.

Prerequisites

CET 2759, CCNA Certification, or one year work experience in the field.

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. An FCCJ intranet site posts jobs targeting our students. 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

Annual earnings can range from \$40,000 and up.

Articulations

Students completing this program may continue in the **Telecommunication Engineering Technology** A.S./A.A.S. degree program.

Cost

Estimated cost of tuition is \$1,196 (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

Course Number and Title
Professional Courses

Credits

CET 2627	Building Multilayer Switched Networks	3
CET 2481	Designing and Building Wireless Networks	3
CET 2682	Voice over IP (VoIP)	3
CET 2623	Deploying Quality of Service	3
CET 2675	IP Telephony	3
CET 2676	Unified Messaging	3
	Credit Hours	18
	Total Credit Hours	18

Please see the technical certificate [Graduation Requirements](#).

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 To request information, contact the Learner Support Center at info@fccj.edu or 904.646.2300.

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