

The Technical Certificate (T.C.) in IP Communications teaches the basic skills and knowledge needed to work as an entry-level computer technician or desktop support specialist.

Students also learn to administer network voice systems and services. Graduates will be prepared to work as entry-level network voice engineers or network systems or voice administrators.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Explore career resources at fscj.edu/student-services/career-development .
<input type="checkbox"/> Meet with your advisor each term.
<input type="checkbox"/> Satisfy the technical certificate graduation requirements.

Certification/Licensing

Upon completion of this program, students will be prepared to pursue industry recognized certifications such as CompTIA's A+ Microcomputer Technician certification and Microsoft's Certified Professional (MCP) certification.

Articulation

Upon successful completion of the program students may receive articulated College credit toward the Network Systems Technology (2156) (A.S.) degree. Contact an advisor to determine the career education path that is best for you.

Important for You to Know

This academic roadmap does not include **developmental education courses** in reading, writing, and/or mathematics that you may be required to take. Students who place into developmental education courses are required to complete designated developmental education courses with a grade of C or higher regardless of program of study. In addition, it does not include **MAT 1033: Intermediate Algebra**, which, for many students, is a prerequisite course for MAC 1105.

Advising

(904) 598-5676 or astechnology@fscj.edu.

Sample Roadmap

This roadmap provides general guidance about required courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog and class schedules for additional information. **Full-time students will refer to the term-by-term recommendations, and part-time students will take courses in the order listed.**

A minimum grade of C or higher must be achieved in all professional courses.

Term 1

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CTS 1131C: Hardware Configuration	3	All
<input type="checkbox"/>	CTS 1133C: Software Configuration	3	All
<input type="checkbox"/>	CTS 1154: Technical Support	3	All

Term 2

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CET 2600C: Network Fundamentals (Cisco 1)	3	All
<input type="checkbox"/>	CTS 1120C: Fundamentals of Information Security	3	All
<input type="checkbox"/>	CNT 1015: Operating Systems Foundations	3	All

Term 3

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CTS 1334: Server Configuration	4	All
<input type="checkbox"/>	CTS 2655C: Switching, Routing, and Wireless Essentials (Cisco 2)	4	All

Term 4

<input checked="" type="checkbox"/>	Course: Course Title	Credit Hours	Terms Offered
<input type="checkbox"/>	CTS 2662: Voice over IP (VoIP)	4	All
<input type="checkbox"/>	CNT 2942: Cooperative Education (Internship)	2	All

Total Program Credit Hours

The **IP Communications T.C.** program requires a **minimum of 32 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance. This program **is eligible** for financial aid.