

Network Systems Technology (2156) (A.S.)

RECOMMENDED ROADMAP

This Roadmap is a recommended way to complete this program of study. Course availability is subject to change. In some cases a specific course is shown, but there are other options available. To review and consider other courses, see the note at the bottom of this page. Part-time students should refer to the Recommended Course Sequence list. Consult a Student Success Advisor or the Program Manager before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information

1st Term

Course ID	Course Title	Credit Hours	Grade Earned
1* ENC1101	English Composition I	3	
2* Choose 1 General Education Mathematics		3	
CTS1131	Hardware Configuration	3	
CTS1133	Software Configuration	3	

Term Total = 12

2nd Term

Course ID	Course Title	Credit Hours	Grade Earned
CTS1154	Technical Support	3	
CTS1120	Fundamental of Information Security	3	
CNT1015	Operating System Foundations	3	
CET2600	Network Fundamentals	3	

Term Total = 12

3rd Term

Course ID	Course Title	Credit Hours	Grade Earned
CTS2655	Routing and Switching Fundamentals	4	
CTS1334	Server Configuration	4	
Choose 1 Professional Elective		4	

Term Total = 12

4th Term

Course ID	Course Title	Credit Hours	Grade Earned
2* Choose 1 General Education Social & Behavioral Science		3	
2* Choose 1 General Education Humanities		3	
Choose 1 Professional Elective		4	
Choose 1 Professional Elective		4	

Term Total = 14

5th Term

Course ID	Course Title	Credit Hours	Grade Earned
Choose 1 General Education Communications from Category B or C		3	
CNT2942	Cooperative Education (Internship)	2	
Choose 1 Professional Elective		4	
Choose 1 Professional Elective		4	

Term Total = 13

Total Credit Hours = 63

Program Notes:

1* ENC1101C can be taken in place of ENC1101. Please speak with your advisor for more information.

2* See the options for the General Education Requirements at fscj.edu/asge.

3* See the professional electives on the next page or in the catalog at fscj.edu/2156

Contacts: Any Student Success Advisor at info@fscj.edu • (904) 646-2300 or the Network Engineering Department • net@fscj.edu • (904) 598-5676

RECOMMENDED COURSE SEQUENCE

This list shows a recommended sequence for completing the courses in this program of study. Course availability is subject to change. Part-time students should use this list to determine which courses to take next that fit their schedule. In some cases a specific course is shown, but there are other options available. To review and consider other courses, see the note on page 1. Consult a Student Success Advisor or the Program Manager before creating your actual Academic Degree Plan and refer to the [FSCJ Catalog](#) for more information.

- **ENC 1101** - English Composition I (Credit Hours: 3) - **Prerequisites:** Satisfactory score on reading and writing placement tests. **See program notes 1*.**
- **Choose 1 Mathematics** (see link below for options). **See program note 2*.**
- **CTS 1131** - Hardware Configuration (Credit Hours: 3) - **Prerequisites:** None.
- **CTS 1133** - Software Configuration (Credit Hours: 3) - **Prerequisites:** None.
- **CTS 1154** - Technical Support (Credit Hours: 3) - **Prerequisites:** None.
- **CTS 1120** - Fundamentals of Information Security (Credit Hours: 3) - **Prerequisites:** CTS1131 and CTS1133.
- **CNT 1015** - Operating Systems Foundations (Credit Hours: 3) - **Prerequisites:** None.
- **CET2600** - Network Fundamentals (Credit Hours: 3) - **Prerequisites:** CTS1131 and CTS1133.
- **CTS2655** - Routing and Switching Fundamentals (Credit Hours: 4) – **Prerequisites:** CET2600 with a grade of “C” or higher.
- **CTS1334** - Server Configuration (Credit Hours: 4) - **Prerequisites:** CTS1131 and CTS1133.
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).
- **Choose 1 Social and Behavioral Science** (See link below for options). **See program note 2*.**
- **Choose 1 Humanities** (See link below for options). **See program note 2*.**
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 3).
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 3).
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).
- **Choose 1 Communications Category B** (See link below for options). **See program note 2*.**
- **CNT 2942** - Cooperative Education (Internship) (Credit Hours: 2) - **Prerequisites:** None.
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).
- **Choose 1 Professional Elective** (see link below) (Credit Hours: 4).

Professional Elective Options (20 credit hours required):

Visit catalog program page for information on professional elective options and suggested tracks:
fscj.edu/2156

Total Credit Hours = 63

To view a list of General Education Requirements, please visit our online catalog: fscj.edu/asge

CAREER OPTIONS

FSCJ 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. Florida State College at Jacksonville’s 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. According to the Bureau of Labor Statistics, employment of network and computer systems administrators is expected to grow 28 percent from 2010 to 2020, faster than the average for all occupations. Demand for these workers is high and should continue to grow as firms invest in newer, faster technology and mobile networks.

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