About the Program

The Associate in Science (A.S.) Degree in I.T. Security prepares students for careers in computer/network security, focusing on digital forensics, and provides the skills needed to investigate computer, cyber, and electronic crimes.

This program requires a **minimum of 60 credit hours**. Total program hours may vary based on the student's individual academic degree plan. This program **is eligible** for financial aid.

Program Requirements

Students must fulfill all requirements outlined in the college catalog.

Important for You to Know

This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics or other prerequisite courses that you may be required to take. In addition, it does not include program graduation requirements.

Additional Information

⇒ **Program Information,** including advisor contact details: https://www.fscj.edu/2158.

⇒ **Associate in Science Degree Information,** including graduation requirements: https://catalog.fscj.edu/academics/degree-certificate-programs/associate-in-science-degrees.

⇒ ***Program Requirements:** https://catalog.fscj.edu/programs/2158.

⇒ **Math Pathways Information**: https://catalog.fscj.edu/academics/math-pathways.

Sample Roadmap

This sample roadmap shows one possible pathway to program completion and may not be appropriate for all students.

Prior to enrolling in classes, please **meet with an advisor** for specific guidance about your individual academic degree plan. Some courses are offered only once per year; advising is critical for course progression.

*See the **program requirements** for general education course options.

This program includes a **Mathematical Thinking in Context math pathway.** This pathway is intended for students in the broadest range of programs of study. In this pathway, students will explore a variety of mathematical concepts utilizing multiple ways of thinking to formulate and solve problems in context.

Term 1

Course	Credits
ENC 1101 - English Composition I **or** ENC 1101C - English Composition I Enhanced	3-4
General Education Mathematics course	3-5
CTS 1131C - Hardware Configuration	3
CTS 1133C - Software Configuration	3

Term 2

Course	Credits
CTS 1120C - Fundamentals of Information Security	3
CNT 1015C - Operating Systems Foundations	3
CET 2600C - Network Fundamentals (Cisco 1)	3
CTS 1334C - Server Configuration	4

Term 3

Course	Credits
General Education Natural Sciences Core course	3-4
AMH 2010 - United States History to 1877 **or** AMH 2020 - United States History from 1877 to the Present **or** POS 2041 - American Federal Government	3
CTS 2655C - Switching, Routing, and Wireless Essentials (Cisco 2)	4
CAP 2140C - Data Forensics I	4

Term 4

Course	Credits
CAP 2141C - Data Forensics II - Advanced	4
CET 2662 - Techniques of Computer Hacking and Incident Handling	4
CNT 2404 - Intrusion Detection Systems and Auditing	4

Term 5

Course	Credits
General Education Humanities Core course	3
CNT 2942 - Cooperative Education (Internship)	2
CTS 2314 - Offensive Security (Advanced Penetration Testing)	4