

## TRACK B: Information Security Analyst Specialty

The Information Security Analyst Specialty program is designed to prepare students for positions in the IT security field. The program curriculum covers assessing cyber security risks within organizations, responding to and preventing network security breaches, and writing the policies that determine how organizations will respond in the face of a cyber-threat. Topics include securing client operating systems, network infrastructure, Linux client and server operating systems, PC hardware, network hardware, routing security, and server applications.

College Readiness Courses (if needed)

### Semester I

ITSC 1316	Linux Installation and Configuration
ITSC 1325	Personal Computer Hardware
ITSC 1305	Introduction to PC Operating Systems
MATH 1314	College Algebra
ITCC 1414*	CCNA 1: Introduction to Networks

### Semester II

ENGL 1301	Composition I
ITSY 1342	Information Technology Security
ITNW 1316	Network Administration
ITNW 1313	Computer Virtualization
ITCC 1444*	CCNA 2: Switching, Routing, and Wireless Essentials

### Semester III

ITNW 1345	Implementing Network Directory Services
ITSY 2300	Operating System Security
ENGL 1302	Composition II
ITSY 2301	Firewalls and Network Security
Humanities/Fine Arts from the AAS General Education Course List	

### Semester IV

ITSY 1171	Mobile Networking and Security
ITSY 2330	Intrusion Detection
ITSY 2341*	Security Management Practices (Capstone Course)
ITSY 2342	Incident Response & Handling
GOVT 2305	Federal Government

**Total Semester Hours – 60**

\*Students must earn a grade of “C” or higher in ITCC 1414, ITCC 1444, and ITSY 2341 in order to graduate.