TRACK A: Network and Computer Systems Administrator Specialty

The curriculum of this program covers planning, implementing, managing, and troubleshooting a network infrastructure. Topics include Microsoft client and server operating systems, Linux client and server operating systems, PC hardware, routing security and critical server applications. Several classes in the Network Administration curriculum prepare students to obtain industry certifications.

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

CSIR 2351	Fiber Optic Communication System Installation and Repair
ITNW 1172	Select Topics in Computer Systems Networking and Telecommunications
ITNW 1345	Implementing Network Directory Services
ITSC 2325	Advanced Linux
ITSY 2301	Firewalls and Network Security

Semester IV

ENGL 1302	Composition II
ITNW 1335	Information Storage and Management
ITNW 2335*	Network Troubleshooting and Support (Capstone Course)

Humanities/Fine Arts from the AAS General Education Course List

GOVT 2305	Federal Government **or**
GOVT 2306	Texas Government

Total Semester Hours – 60

*Students must earn a grade of "C" or higher in ITCC 1414, ITCC 1444, and ITNW 2335 in order to graduate.