

TRACK C: Cisco Network Administration Specialty

The Cisco Router Networking program is designed to prepare graduates to work with networks. This prepares students for entry-level careers such as network support specialists, network control technicians, network technicians, and LAN and WAN technicians.

After successfully completing the CCNA test, students will be recognized as a Cisco Certified Associate with Cisco Incorporated.

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
ITCC 2420	CCNA 3: Enterprise Networking, Security, and Automation
ITSC 2325	Advanced Linux
ITSY 2301	Firewalls and Network Security

Semester IV

ENGL 1302	Composition II
ITCC 1271	Select Topics in System, Networking, and LAN/WAN Management
ITSY 2445	Network Defense and Countermeasures (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 and ITCC 1444 in order to graduate.