INFORMATION TECHNOLOGY AND NETWORKING
Network and Computer Systems Administrator
(CIP 11.0901)
Associate of Applied Science

The Network and Computer System Administrator, AAS degree program is designed to prepare students for a career in the networking field and train students for careers in network and security administration. Courses for this degree include network administration, routing and networking devices, computer virtualization, operating systems, cyber security, and cloud computing.

Upon completion of this program, students are eligible to take the Security Certification test, Network Certification test, Microsoft Windows Server Certification test, Microsoft Networking Fundamentals Certification test, Microsoft Security Fundamentals Certification test, and Cloud Certification test.

Classes offered in the Network Support Technician Level II Certificate, Security Specialist Level I Certificate, and Cloud Specialist Level I Certificate can also be applied toward the Network and Computer Systems Administrator AAS degree.

Some upper-level universities will allow transfer of 24-44 hours of technical credit toward a Bachelor of Applied Arts or Science degree. Contact the transfer institution for more information.

College Readiness Courses (if needed)

Semester I	
ITSC 1305	Introduction to PC Operating Systems
ITSC 1316	Linux Installation and Configuration
ITSC 1325	Personal Computer Hardware
ITNW 1309	Fundamental of Cloud Computing
ITSY 1300	Fundamentals of Information Security

Semester II	
ITSC 2339	Personal Computer Help Desk Support
ITNW 1313	Computer Virtualization
ITNW 1316	Introduction to Network Administration
INTW 2327	Advanced Cloud Concepts
ITSY 1342	Information Technology Security

Semester III	
ITNW 1345	Implementing Network Directory Services
ITNW 1325	Fundamentals of Networking Technologies
ITSC 2325	Advanced Linux
ENGL 1301	Composition I
MATH 1314	College Algebra

Semester IV	
GOVT 2305	Federal Government **or**
GOVT 2306	Texas Government
MATH 1342	Elementary Statistical Methods
Humanities/Fine Arts from the AAS General Education Course List	
ITNW 1335	Information Storage and Management
ITNW 2335	Network Troubleshooting and Support (Capstone Course)

Total Semester Hours – 60