



Wharton County Junior College

Network Administration AAS Degree

Advising Plan

Student Name/ID: _____ Date: _____

Network Administration AAS Degree

The Network Administration AAS degree program is designed to prepare students for positions in the networking field. The program curriculum covers planning, implementing, managing, and troubleshooting a network infrastructure. Topics include Microsoft client & server operating systems, Unix client & server operating systems, PC hardware, network hardware, routing, security, and server applications.

Network Administration AAS Degree (68 semester credit hours)

Course	Course Title/ Certification(s)	Sem. Hours	Date Completed	Grade Earned
Freshman Year, First Semester TOTAL Semester Hours: 15				
COSC 1301	Microcomputer Applications	3		
ITSC 1325	Personal Computer Hardware	3		
ITSC 1305	PC Operating Systems	3		
ITSE 1329 or ITSE 1331 or COSC 1436	Programming Logic and Design or Intro to Visual Basic or Programming Fundamentals I	3		
MATH 1314	College Algebra	3		
Freshman Year, Second Semester TOTAL Semester Hours: 16				
ITCC 1402 or ITCC 1401	CCNA 1: Networking Basics or Cisco Exploration – Network Fundamentals	4		
CSIR 2351	Fiber Optic Communication System Installation and Repair	3		
ENGL 1301	Composition I	3		
ITNW 2305	Network Admin	3		
ITSC 1307	UNIX Operating System I	3		
Summer I TOTAL Semester Hours: 7				
ITCC 1406 or ITCC 1404	CCNA 2: Routers and Routing Basics or Cisco Exploration 2 – Routing Protocols and Concepts	4		
GOVT 2301	Constitutions, Federalism, & Participation	3		
Sophomore Year, First Semester TOTAL Semester Hours: 15				
ITSY 1342	Information Technology Security	3		
ITNW 1345	Implementing Network Directory Services	3		
ITSC 1358	Unix Administration I	3		
Elective **	Science or CETT 1331 or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE course	3		
ITNW 2370 (formerly ITNW 2358)	Implementing and Managing Mail Servers	3		
Sophomore Year, Second Semester TOTAL Semester Hours: 15				
ENGL 1302	Composition II	3		
ARTS, DRAM, or MUSI	Any ARTS, DRAM, or MUSI course	3		
ITNW 2335 (CC)	Network Troubleshooting and Support	3		
Elective **	Science or CETT 1331 or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE course	3		
ITNW 2352	Administering SQL Server	3		

**Elective: If planning to continue on to a 4-year degree, Science or GOVT 2302 should be taken for electives. If not, CETT 1331 or any ITSC, ITCC, ITNW, IMED, ITSW, or ITSE elective can be taken.