

NETWORK ADMINISTRATION
Associate in Applied Science (AAS) Degree

Minimum Credits: 61.0
Contact Hours: 77.0

INTRODUCTION: This program prepares students for employment as network administrators, consultants, or support professionals in Local Area Network (LAN) environments. Successful completion will equip students with the skills and knowledge to plan, install, and maintain LANs, as well as to perform maintenance and troubleshooting activities associated with Information Technology (IT) equipment and software. The program helps prepare students for industry certification.

GENERAL EDUCATION COURSES

COURSE	TITLE	CREDITS	CONTACT HOURS
ENG 111 or ENG 121	English Composition I or Advanced English Composition I	3.0	3.0
ENG 112 or ENG 122	English Composition II or Advanced English Composition II	3.0	3.0
PLS 221 or PLS 222, or HST 221 & HST 222	American Government Requirement	<u>3.0-6.0</u>	<u>3.0-6.0</u>
GENERAL EDUCATION CREDITS/CONTACT HOURS:		9.0-12.0	9.0-12.0

CORE PROGRAM COURSES

COURSE	TITLE	CREDITS	CONTACT HOURS
BUS 248	Business Communications	3.0	3.0
BUS 262	Project Management ^A	3.0	3.0
CIS 140	Introduction to Microsoft Client OS ^A	3.0	4.0
CIS 206	Object Oriented Programming	3.0	4.0
CIS 241	Introduction to Web Design Management	3.0	4.0
CIS 258	Introduction to Enterprise Database ^A	3.0	4.0
CIS 295	IT Professional Practice Management	3.0	4.0
CNS 150	Networking Fundamentals ^A	3.0	4.0
CNS 151	Network Communication Cabling ^A	3.0	4.0
CNS 155	Introduction to Routing and Switching	3.0	4.0
CNS 170	PC Repair and Maintenance ^A	4.0	5.0
CNS 180	Introduction to Microsoft Server ^A	3.0	4.0
CNS 210	Microsoft Network Management ^A	3.0	4.0
CNS 215	Introduction to Virtualization ^A	3.0	4.0
CNS 220	Advanced Microsoft Server ^A	3.0	4.0
CNS 230	Information Security ^A	3.0	4.0
CNS 240	Open Source Networking ^A	<u>3.0</u>	<u>4.0</u>
CORE PROGRAM CREDITS/CONTACT HOURS:		52.0	67.0
MINIMUM PROGRAM CREDITS/CONTACT HOURS:		61.0	76.0

SUGGESTED SEQUENCING OF COURSES

YEAR 1 (FALL SEMESTER) <u>16.0</u> CREDITS		CREDITS	CONTACT HRS	YEAR 1 (SPRING SEMESTER) <u>15.0</u> CREDITS		CREDITS	CONTACT HRS
CIS 140 Intro to Microsoft Client OS	3.0	4.0	BUS 248 Business Communications	3.0	3.0		
CNS 150 Networking Fundamentals	3.0	4.0	CIS 241 Intro to Web Design Mgt	3.0	4.0		
CNS 151 Network Comm. Cabling	3.0	4.0	CNS 155 Intro to Routing & Switching	3.0	4.0		
CNS 170 PC Repair & Maintenance	4.0	5.0	CNS 180 Intro to Microsoft Server	3.0	4.0		
ENG 111 or ENG 121 English Comp	<u>3.0</u>	<u>3.0</u>	ENG 112 or ENG 122 English Comp	<u>3.0</u>	<u>3.0</u>		
TOTAL	16.0	20.0	TOTAL	15.0	18.0		
YEAR 2 (FALL SEMESTER) <u>15.0</u> CREDITS		CREDITS	CONTACT HRS	YEAR 2 (SPRING SEMESTER) <u>15.0-18.0</u> CREDITS		CREDITS	CONTACT HRS
BUS 262 Project Management	3.0	4.0	CIS 295 IT Profession Practice Mgt	3.0	4.0		
CIS 206 Object Oriented Programming	3.0	4.0	CIS 258 Intro to Enterprise Database	3.0	4.0		
CNS 240 Open Source Networking	3.0	4.0	CNS 220 Adv Microsoft Server	3.0	4.0		
CNS 210 Microsoft Network Mgt	3.0	4.0	CNS 215 Intro to Virtualization	3.0	4.0		
CNS 230 Information Security	<u>3.0</u>	<u>4.0</u>	American Gov't Requirement	<u>3.0-6.0</u>	<u>3.0-6.0</u>		
TOTAL	15.0	20.0	TOTAL	15.0-18.0	19.0-22.0		

NOTES:

^AIncluded in occupational specialty: A grade of 2.0 or higher must be maintained in each occupational specialty course.