



NETWORK MANAGEMENT-A25590NM A.A.S. Degree (Day)

This curriculum prepares individuals for employment supporting local- and wide-area networks. Students will learn how to use technologies to provide for data, voice, image, and video communications in business, industry, and education. Coursework includes design, installation, configuration, and management of local- and wide-area network hardware and software. Emphasis is placed on developing proficiency in the use of network management software and the use of hardware such as bridges and routers. Graduates may find entry-level employment as local area network managers, network operators, network analysts, and network technicians.



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<http://www.waketech.edu/programs-courses/credit/computer-technologies/networking-management>

Networking Management-A25590NM

A.A.S. Degree (Day)

FIRST SEMESTER Credit Hours

CTI 110	Web, Pgm & Database Foundations	3
NOS 110	Operating System Concepts	3
ENG 111	Writing & Inquiry	3
MAT 121	Algebra/Trigonometry I	3

SECOND SEMESTER Credit Hours

NET 125	Introduction to Networks	3
NET 126	Routing Basics	3
CTI 120	Network & Security Foundations	3
NOS 130	Windows Single User	3
NOS 230	Windows Admin I	3

SUMMER SEMESTER Credit Hours

NET 225	Routing & Switching I	3
NET 226	Routing & Switching II	3
ACA 220	Professional Transition	1

Completes Cisco Network Association Certificate Requirements

THIRD SEMESTER Credit Hours

CTS 115	Info Sys Business Concepts	3
CTS 120	Hardware/Software Support	3
NOS 120	Linux/UNIX Single User	3
_____	Major Elective I	3

FOURTH SEMESTER Credit Hours

ENG 114	Professional Research & Reporting	3
_____	Humanities/Fine Arts Elective	3
_____	Social & Behavioral Sciences Elective	3
_____	Major Elective II	3

SUMMER SEMESTER Credit Hours

_____	Major Elective III	2
NET 289	Networking Project	3
ACA 121	Managing a Team	1

Completes Cisco Professional, Linux Certified IT Professional, Microsoft Certified IT Professional Certificates and Data Storage & Virtualization Diploma

GRADUATION REQUIREMENTS 64

Elective Examples

Major Electives (Select 1 Option Grouping)

Option 1- Microsoft Certified IT Professional Track

NOS 231	Windows Admin II	3
NOS 232	Windows Admin III	3
NOS 233	Windows Admin IV	3

Option 2- Cisco Certified Network Professional Track

NET 270	Building Scalable Networks	3
NET 272	Multi-Layer Networks	3
NET 273	Internetworking Support	3

Option 3- Red Hat Certified Engineer Track

NOS 220	Linux/UNIX Admin I	3
NOS 221	Linux/UNIX Admin II	3
NOS 222	Linux/UNIX Admin III	3

Option 4- Data Storage & Virtualization Track

CTI 140	Virtualization Concepts	3
CTI 240	Virtualization Admin I	3
CTI 241	Virtualization Admin II	3

See Your Advisor for a Complete List of Electives Required