

Networking Technology (A25340)

18-20

Upon completion of the Networking Technology (A25340) program, a graduate should be able to:

- Complete a networking project from the definition phase through implementation.
- Configure networks and servers for optimal performance.
- Solve common system-level problems using trouble-shooting skills.

Degree Awarded

The Associate in Applied Science Degree - Network Technology is awarded by the College upon completion of this program.

Note

Individuals desiring a career in Networking Technology should, if possible, take algebra, keyboarding, and computer applications courses prior to entering the program. Courses that require critical reading and written oral communication skills will also be valuable.

Though students are not required to own their own computer, it is strongly recommended. In addition to textbooks, students will be required to provide their own portable storage media, such as USB drives, for most classes.

For More Information

The Network Technology program is in the Business and Computer Technologies Division. For more information, call (919) 739-6878. On the Internet send e-mail to bull@waynecc.edu or visit us at our web site at www.wayne.cc.edu or www.waynecc.edu/academic-programs/outlines/A2526D.pdf.

Admissions

- A high school diploma or equivalent is required.
- Placement tests in English, mathematics, reading and computer skills are required to determine entry-level courses that match individual needs.

First Step To Enroll:

Call the Admissions and Records Office at (919) 739-6720.

	Contact Hours	Semester Credit Hours
FIRST SEMESTER		
ACA 111 College Student Success.....	1	1
BUS 110 Introduction to Business	3	3
CIS 110 Introduction to Computers	4	3
ENG 111 Expository Writing	3	3
NET 125 Networking Basics	3	3
NOS 110 Operating System Concepts....	5	3
		16

	Contact Hours	Semester Credit Hours
SECOND SEMESTER		
CIS 115 Intro to Prog & Logic	5	3
CTS 120 Hardware/Software Support	5	3
DBA 110 Database Concepts	5	3
NET 126 Routing Basics.....	5	3
NOS 120 Linux/UNIX Single User	4	3
NOS 130 Windows Single User.....	4	3
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	Contact Hours	Semester Credit Hours
THIRD SEMESTER		
ENG 114 Professional Research and Reporting	3	3
MAT 140 Survey of Mathematics	3	3
NET 225 Routing and Switching I	5	3
NOS 230 Windows Admin I	4	3
SEC 110 Security Concepts.....	3	3
Humanities/Fine Arts Elective..	3	3
Major Elective	-	0-2

FOURTH SEMESTER			
COE 110	World of Work	1	1
CTS 118	IS Prof Comm	2	2
NET 226	Routing and Switching II	5	3
NET 289	Networking Project.....	5	3
NOS 231	Windows Admin II	4	3
	Major Elective	3	3
	Social/Behav Science Elective	-	1-3
			18

Total Credit Hours 70

Select 3 semester hours of Major Elective from the courses below:

COE 111	Co-op Work Experience I.....	10	1
COE 112	Co-op Work Experience I.....	20	2
COE 121	Co-op Work Experience II.....	10	1
COE 122	Co-op Work Experience II.....	20	2
COE 131	Co-op Work Experience III.....	10	1
CSC 151	Java Programming.....	5	3
CTS 285	Systems Analysis & Design	3	3
DBA 115	Database Applications	4	3
SEC 150	Secure Communications.....	4	3