

Network Technology Program

*Division of Engineering Technologies and Computer Sciences — Curriculum Code: 3203
Will Earn Upon Program Completion: Certificate in Network Technology*

Why major in Network Technology?

The Network Technology Program, housed at the Center for Technology, is designed to prepare students for careers in computer network administration. It is specifically appropriate for people who have basic knowledge of computer hardware and software but would like to augment their knowledge of network administration. The courses in the Network Technology program help in preparing for the Microsoft professional certification examinations.

If I major in Network Technology, can I transfer to an upper-division college or university?

The Network Technology program is designed as a career-oriented program. Some of the courses completed as part of this certificate program can be applied toward associate degrees at ECC. Most or all credits earned in certificate programs that are applied to associate degree programs transfer to four-year institutions. See a divisional advisor for more information.

Are there any requirements I must satisfy before I start taking courses in my major?

All new students must take a basic skills competency test. Based on the results of the test, you may be required to take developmental courses in reading, English, and/or mathematics.

How long will it take for me to complete this certificate?

If you do not need developmental course work and you attend full time, you can complete the certificate in two semesters. Part-time students can complete the program in two years.

Where should I direct specific questions about this program?

Contact the Division at (973) 877-4400.

Upon completion of this program, graduates will be able to:

- ◆ Provide technical support for local area network operations;
- ◆ Manage security levels for a local area network and administer access rights to users;
- ◆ Implement network management strategies for an enterprise network;
- ◆ Monitor memory usage and optimize performance through the use of utilities;
- ◆ Construct and administer trust relationships in multiple domain networks;
- ◆ Install and configure client operating systems on network workstations;
- ◆ Administer client workstation access rights; and
- ◆ Manage overall system performance for all client workstations within a local area network.

Network Technology — Certificate Program

<p>GENERAL EDUCATION REQUIREMENTS: (7 Credits)</p> <p>Communications (3 credits) ENG 101 College Composition I 3</p> <p>Math (4 credits) MTH 100 Introductory College Math 4</p> <p>MAJOR COURSE REQUIREMENTS: (16 credits)</p> <p>CSC 105 Network Administration 4 CSC 108 Client Operating Systems 4 CSC 121 Computer Science I 4 CSC 210 Advanced Network Administration 4</p> <p>Total Credits Required for Certificate 23</p>	<p>RECOMMENDED SEQUENCE OF COURSES:*</p> <p>First Semester</p> <p>ENG 101 College Composition I 3 CSC 105 Network Administration 4 MTH 100 Introductory College Math 4</p> <p>Second Semester</p> <p>CSC 108 Client Operating Systems 4 CSC 121 Computer Science I 4 CSC 210 Advanced Network Administration 4</p>
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***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section.