

COMPUTER NETWORK TECHNICIAN

HEGIS: 5104
SUNY CODE: 1365

The Computer Network Technician program is designed to prepare students for careers in computer network technology, help desk services and PC repair. The curriculum emphasizes hands-on experience as well as theory. All network and PC courses are 50% lab. Seniors will complete either a topics course or fieldwork. This program prepares students (along with some additional study) for A+ Certification, Network+ Certification and Microsoft Certification in Windows 2000/2003 Professional and Server. Graduates are prepared to:

- Perform the day-to-day tasks of administering a heterogeneous PC network consisting of various switches, routers, printers and network operating systems
- Plan and install a PC network
- Perform help desk functions to support network users, including training and problem solving
- Build, repair and upgrade PCs

Career Opportunities/Transfer Information

Graduates find employment in business and industry, government, education and health fields. While not designed as a transfer program, our graduates are accepted into private colleges such as Rochester Institute of Technology and state colleges such as SUNY Institute of Technology and SUNY Cobleskill.

1st Semester		Credits	1st Year		2nd Semester	Credits
EN 111	English I	3	BU 111	Business Organization & Management		3
FS 100	Freshman Seminar	1	EN 112	English II		3
IS 115	Computer Software Applications I	3	EN 171	Introduction to Technical Writing		3
IS 140	Networking Essentials	4	IS 208	Microcomputer Hardware		3
IS 207	Microcomputer Operating Systems	3	IS 241	Network Administration I		3
MA171	Computer Science	3				
	Total	17		Total		15

3rd Semester		Credits	2nd Year		4th Semester	Credits
HU 146	Introduction to Computer Graphics & Design	3	IS 237	Networking Topics OR		
IS 204	Information Systems Management	3	IS 238	Information Systems Fieldwork		3
IS 209	Linux	3	IS 250	Network Applications		3
IS 242	Network Administration II	3	IS 260	Computer/Network Security		3
	Science Elective	3	MA 127	Mathematical Statistics I		3
	Physical Education Activity	1		Social Science Elective		3
	Total	16		Physical Education Activity		1
				Total		16

*64 Credits Required
for the
Associate in Applied Science Degree*

For more information, contact the Business and Information Technology Division at (315) 866-0300 or toll free 1-888-GO-4-HCCC, ext. 8240.