

# 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 various Microsoft Certifications. 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 Year						
1st Semester		Credits	2nd Semester		Credits	
EN 111	English I	3	BU 111	Business Organization & Management	3	
FS 100	First Year Student Seminar	1	EN 112	English II	3	
IS 115	Computer 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	
MA 171	Computer Science	3				
		<b>Total</b>	<b>17</b>	<b>Total</b>		<b>15</b>

2nd Year						
3rd Semester		Credits	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	
		<b>Total</b>	<b>16</b>		<b>Total</b>	<b>16</b>

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

For more information, contact the Business, Health, Science and Technology Division at (315) 866-0300 or toll free 1-888-GO-4-HCCC, ext. 8230/8240.