



New Hampshire's Information Technology Pathway

High School Career Planning Form

Revised Date
July 1, 2003

Career Pathways in: Information Technology

Career Focus: PC Hardware & Networking - CISCO Networking Academy

What is it? Network analysis, planning and implementation. This includes design, installation, maintenance and management of network systems.

Salary Range: \$30,000 - \$80,000

College and Employment Planning

Job Titles	Certificate Programs	Associate Degrees	Bachelor Degrees
<ol style="list-style-type: none"> 1. LAN Technician 2. Communications Analyst 3. Hardware Installations Coordinator 4. Customer Service Coordinator 5. Telecommunications Technician 6. Network Administrator 7. Network Analyst 8. Wide Area Network Technician 	<p>In addition to the two and four year degrees, the following schools offer certificate programs in related fields:</p> <p>New Hampshire Community Technical College</p> <p style="padding-left: 20px;">Berlin Claremont Concord Laconia Manchester Nashua Stratham/Pease</p> <p>Daniel Webster College Franklin Pierce College McIntosh College</p>	<p><u>Computer Science</u> NHCTC Nashua, Claremont, Stratham, Berlin, Franklin Pierce College, Hesser College, McIntosh College, Keene State College, Rivier College</p> <p><u>Information Science and Systems</u> Daniel Webster College, NHCTC Berlin, Laconia, Pease, Nashua, Hesser College, McIntosh College</p> <p><u>Computer Programming</u> Hesser College, NHCTC Nashua</p> <p><u>Computer Systems Analysis</u> McIntosh College</p> <p><u>Computer Engineering Technology</u> NHCTC Nashua</p>	<p><u>Computer Science</u> Daniel Webster College, Dartmouth College, Franklin Pierce College, Keene State College, UNH, Saint Anselm College, Rivier College</p> <p><u>Information Science and Systems</u> Daniel Webster College</p> <p><u>Computer Programming</u> Daniel Webster College</p> <p><u>Computer Information & Science Management & Information Technology</u> Plymouth State University</p> <p><u>Computer Engineering</u> UNH</p>

NOTE: This is a statewide model. Check with your Guidance Counselor or Technology Teacher for your equivalent courses.

High School Course Planning

	9 th Grade	10 th Grade	11 th Grade	12 th Grade	School-to-Career Connections
English	English 9 with emphasis on Business/Technical Writing	English 10	English 11	English 12 w/emphasis on oral presentation	<ul style="list-style-type: none"> Informational Interview with a local employer Industry Tour Paid or unpaid Internship Service Learning Project DECA FBLA Youth Tech Entrepreneur
Math	Algebra I	Geometry	Algebra II	Elective	
Social Studies	World History I	United States History I With unit on Technology and Society	United States History II or American Studies	Introduction to Psychology	
Science	Physical Science	Biology	General Chemistry	Elective	
Foreign Language	Foreign Language I	Foreign Language II		Elective	
Technical Core	IT & ME or IT & ME Works	Intro to Information Technology Intro to Electricity	Cisco Level I/II LAN Technologies	Cisco Level III/IV WAN Technologies	
Elective Core	Career Exploration Introduction to Business	Business Communications	Principles of Marketing/eCommerce Business & Personal Law	Human Relations Seminar PC Internship or Apprenticeship	