

Carroll County Career & Technology Center

CISCO Networking Academy

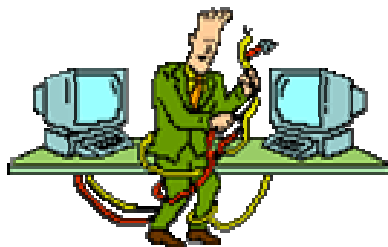


The CISCO curriculum is delivered online through an advanced instructional approach using e-learning. In a lab setting that closely resembles a true networking environment, students work with the architecture and infrastructure of information networks, learning the principals and practices of designing, building, implementing and maintaining local and wide-area networks.

Major Units of Study

CISCO * & Network +

- LAN Switching & Designs
- Networking Devices
- VLAN and WANS
- IP Addressing
- Router Use & Configuration
- Network Management & Troubleshooting

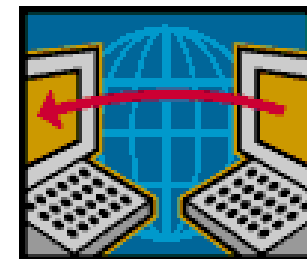


Related Careers

- CISCO Engineer
- Network Engineer
- Systems Engineer
- Technical Support Technician

Post-Secondary

- Qualified students can earn up to 27 college credits through an articulation with the Community College of Baltimore County
- College
- Technical Schools/Technical Certification
- Military



Visit the Carroll County Career and Technology Center website:
<http://www.carrollk12.org/ctc>

Grade 9		9	10	11	12
R e q u i r e m e n t s	Exact scheduling depends on student's plan and school's master schedule	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
		US Government (1)	US History (1)	World History (1)	
		Conceptual Physics (1)	Chemistry (1)	Biology (1)	
		Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	
		PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	May be taken any year	Fine Arts (1)	Foundations of Technology (1)		
	Recommended	World Language (1) Freshman Seminar (.5)	World Language (1)		Algebra II / Data Analysis (1)
	Completer Program Requirements			CCNA: Discovery I & II (3)	CCNA: Discovery III & IV (3) OR PC Hardware and Software (3)
	Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Electronics (1), Business Communications & Keyboarding (1), Financial Management Using Software Applications (1), Accounting I (1), Business Law (1), Computer Installation & Maintenance (1), Leadership Development (.5) Work-Based Learning Experience (.5-1)			
	8 credits possible per year				
	Value Added:	Up to 27 Articulated Credits			
	From:	Community College of Baltimore County, Catonsville, Essex, or Dundalk			
	Program:	Information Technology			
	End of Program Test:	Cisco CCNA or CompTIA A+ certification			
	Industry:	CISCO / CompTIA			
	Taken:	At the end of CCNA Discovery / PC Hardware and Software			

Grade 9		9	10	11	12
R e q u i r e m e n t s	Exact scheduling depends on student's plan and school's master schedule	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
		US Government (1)	US History (1)	World History (1)	
		Conceptual Physics (1)	Chemistry (1)	Biology (1)	
		Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	
		PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	May be taken any year	Fine Arts (1)	Foundations of Technology (1)		
	Recommended	World Language (1) Freshman Seminar (.5)	World Language (1)		Algebra II / Data Analysis (1)
	Option 1 Completer Program Requirements			CCNA: Discovery I & II (3)	IT Internship (2) OR Dual Enrollment (2)
	Option 2 Completer Program Requirements				PC Hardware and Software (3) IT Internship (2) OR Dual Enrollment (2)
	Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Intro to Electronics (.5), World Language (1), Financial Management Using Software Applications (1), Accounting I (1), Advanced Electronics (1), Business Law (1), Leadership Development (.5), Work-Based Learning Experience (.5-1)			
	8 credits possible per year				
	Value Added:	Up to 27 Articulated Credits			
	From:	Community College of Baltimore County, Catonsville, Essex, or Dundalk			
	Program:	Information Technology			
	End of Program Test:	Cisco CCNA			
	Industry:	CISCO			
	Taken:	At the end of CCNA Discovery			

ADA STATEMENT

The Board of Education of Carroll County does not discriminate on the basis of disability in employment or provision of services, programs or activities. Information concerning the Americans with Disabilities Act is available from the Director of Facilities, 410-751-3177. Persons needing auxiliary aids and services for communication should contact the Office of Community and Media Relations at 410-751-3020 or publicinfo@carrollk12.org, or write to Carroll County Public Schools, 125 North Court Street, Westminster, Maryland 21157. Persons who are deaf, hard of hearing, or have a speech disability, use Relay or 7-1-1. Please contact the school system at least one (1) week in advance of the date the special accommodation is needed.