CISCO Networking Academy

Technical Support AND NETWORKING
CARROLL COUNTY CAREER AND TECHNOLOGY CENTER

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-are networks.
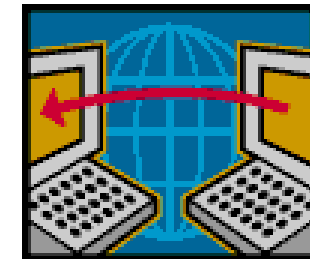
Major Units of Study

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

COMPLETER: *Cisco Networking Academy*   CREDITS: 5 - 6

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade →	9	10	11	12
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)	Algebra II / Data Analysis (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
	Freshman Seminar (.5)			
Option 1 **Completer Program Requirements** **6 credits**			CCNA: Discovery I & II (3)	CCNA: Discovery III & IV (3) OR PC Hardware and Software (3)
Option 2 **Completer Program Requirements** **5 credits**			CCNA: Discovery I & II (3)	IT Internship (2) OR Dual Enrollment (2)
Option 3 **Completer Program Requirements** **5 credits**				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) 8 credits possible per year	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)			
Value Added: **From:** **Program:**	Up to 27 Articulated Credits Community College of Baltimore County, Catonsville, Essex, or Dundalk Information Technology			
End of Program Test: **Industry:** **Taken:**	Cisco CCNA / CompTIA A+ certification CISCO / CompTIA At the end of CCNA Discovery / PC Hardware and Software			