Cisco Networking  
Spring Semester

Class Meetings
- AM Session: Monday through Friday – 7:40am to 10:00am
- PM Session: Monday through Friday – 12:15pm to 2:35pm

Location
New Horizons Career & Technical Education Center
13400 Woodside Lane, Building A, Room 135
Newport News, Virginia 23608

Instructor
Cerone Hardy
E-mail: cerone.hardy@nhrec.org
Office Hours: Monday – Friday from 10:00am to 11:00am
Phone: 757-874-4444 x5542

Course Description
This course focuses on switching technologies and router operations that support small-to-medium business networks, including wireless local area networks and security concepts. You will perform basic network configuration and troubleshooting, identify and mitigate security threats, and configure and secure a basic wireless network. This is a 4 credit hour, Dual Enrollment Course. For information on how to verify your enrollment and other helpful information regarding dual enrollment, please visit tncc.edu/dual. To request your transcript to be sent to another institution for possible transfer, please visit tncc.edu/admissions/transcripts.

Textbooks
Online access to the Cisco Networking Academy textbook and curriculum is provided. Internet access is required to view the text.

Course Objectives
- Work with routers, switches and wireless devices to configure and troubleshoot VLANs, Wireless LANs and Inter-VLAN routing.
- Configure and troubleshoot redundancy on a switched network using STP and EtherChannel.
- Develop critical thinking and problem-solving skills using real Cisco equipment and Cisco Packet Tracer.
- Explain how to support available and reliable networks using dynamic addressing and first-hop redundancy protocols.

Communication
You will be given a New Horizons email account on your first day of class. This will be your communication medium for the course. The use of personal email accounts is not permitted in the classroom nor for communication with your instructor.

Attendance Requirements and Policy
All students are expected to attend classes daily and to remain for the entire class period. The following rules shall govern student attendance:

- Three (3) unexcused tardies shall constitute as one (1) unexcused absence.
- Five (5) or more unexcused absences (failure to attend class) in any nine-week grading period will result in a grade of ‘F’.
- It is the sole responsibility of the student to request and to complete all missed assignments resulting from a tardy or absence.

Grading Policy and Procedures
Grades will be issued using a standard 10-point scale.

A = 90 and above  B = 80 to 89  C = 70 to 79  D = 60 to 69  F = 59 and below

The coursework will be weighted as follows:
- 33% – Related Instruction (tests, quizzes, etc.)
- 33% – Competencies (Packet Tracers, lab assignments, and lab assessments)
- 34% – Employability (demonstration of workplace readiness skills)

The final exam will be weighted 20% of the semester grade.