Cisco Networking Technology (CNET)

CNET 1100 Cisco Networking Technology I **3 Credits**
This is the first course in a four-course sequence designed to provide students with skills needed to design, build, and maintain small to medium size networks. This course helps students prepare for the Cisco Certified Networking Associate Exam.
(4 contact hours: 2 lecture, 2 lab)

CNET 1200 Cisco Networking Technology II **3 Credits**
Prerequisite: CNET 1100 (can be taken concurrently).
This is the second course in a four-course sequence designed to provide students with skills needed to design, build, and maintain small to medium size networks. This course helps students prepare for the Cisco Certified Networking Associate Exam.
(4 contact hours: 2 lecture, 2 lab)

CNET 1300 Cisco Networking Technology III **3 Credits**
Prerequisite: CNET 1200.
This is the third course in a four-course sequence designed to provide students with skills needed to design, build, and maintain small to medium size networks. This course helps students prepare for the Cisco Certified Networking Associate Exam.
(4 contact hours: 2 lecture, 2 lab)

CNET 1735 Cisco Cyber Operations **3 Credits**
Prerequisite: ITON 1748, ITON 2250, CNET 1100; or permission of instructor.
This course introduces students to the tasks, and responsibilities of an associate-level security analyst working in a security operations center (SOC). Topics will include cyber security specific features of both Windows and Linux operating systems, an overview of network infrastructure, as well as descriptions of various attack vectors. Also included are principles of cryptography, security monitoring, and intrusion data analysis. This course will help to prepare students to pass the Implementing Cisco Cybersecurity Operations Exam. This course is cross-listed as ITON1735 Cisco Cyber Operations. Students who have taken the course under the alternative course ID should not take this course.
(5 contact hours: 1 lecture, 4 lab)

CNET 2720 Cisco Network Security: Managing Security **3 Credits**
Prerequisite: CNET 1100.
This course is designed to provide students with the skills necessary to design, install, and support Cisco Security Solutions. It focuses on building and maintaining Cisco security solutions, including standalone firewall products and IOS software features. This course helps students prepare for the Cisco Certified Network Associate Security (CCNA Security) certification exam.
(5 contact hours: 2 lecture, 3 lab)