

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE
ACADEMIC AFFAIRS

Course Number: CSO-175L Class/Lect. Hours: 0 Lab Hours: 3 Credits: 1 Dept.: TCOM
Course Title: Cisco CCNA Security Semester: Spring Year: 2017

Course Description, Prerequisite, Corequisite:

CSO-175L - Cisco CCNA Security

This course is the laboratory component of CSO 175 .

Corequisite(s): CSO 175

OBJECTIVES/COMPETENCIES

Course Objectives	Competencies
Configure Cisco routers, switches and Advance Security Appliances for highly secure networks.	Upon successful completion of this course, the student should be able to perform tasks related to the following: <ul style="list-style-type: none">- Configure secure access to cisco devices in the form of SSH and login controls- Configure privilege levels for user and develop role-based command line interface (CLI) controls for user accounts- Describe in-band and out-of-band management device management techniques- Configure and secure syslog server/network time protocol (NTP)/simple network management protocol (SNMPv3) on cisco

Course Objectives	Competencies
	devices - Configure routing protocol authentication - Describe the use of local AAA - Configure local AAA - Configure server AAA using a RADIUS server - Configure IPv4 standard and extended ACL's - Configure IPv6 ACL's - Evaluate the implementation of the security of the configurations
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