Course Syllabus
CSIS 1251 - Network Routing and Switching II

Instructor:
Telephone:
Office:
E-mail: Canvas e-mail
Office hours: By Appointment Only

Course description
Enterprise Networking, Security, and Automation (ENSA) describes the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. The course emphasizes network security concepts and introduces network virtualization and automation.

Suggested Course Prerequisites:
This course does not have any pre-requisites, but we do recommend CSIS-1200 (Introduction to Networking), CSIS:1250 (Which contains the Cisco "Introduction to Networks" and "Switching, Routing, and Wireless Essentials" courses). CSIS-1250 lays out the foundations which this course builds upon, or prior learning.

Course Learning Outcomes
- Deploy and configure Network devices
- Install, configure, and troubleshoot dynamic routing protocols
- Design enterprise network infrastructure
- Create secure network environments
- Understand how application programming interfaces (API) and configuration management tools enable network automation
-

Course Materials
1. All course material is provided through the Cisco Networking Academy, you don't need to purchase anything.
2. Students need internet access at school or at home to complete some assignments.

Grading
All courses in the Computer Science department will use the following grade scale:
A 94-100%; A- 90-93.99%
B+ 87-89.99%; B 84-86.99%; B- 80-83.99%
C+ 77-79.99%; C 74-76.99%; C- 70-73.99%
D+ 67-69.99%; D 64-66.99%; D- 60-63.99%
E 0-59.99%
The grade weights for the course will be:
Module Exams - 40%; Skills Practices (Packet Tracer, Labs, and discussions) - 45%; and

Final Exam - 15%.

Extra credit
Depending on your instructor, extra credit may be available in your Computer Sciences and Information Systems course. If offered, extra credit may not exceed 3% of the final weighted grade for the course.

Late work
Unless prior arrangements have been made with the instructor, all assignments are due on the designated due date. Late work may be submitted one week (7 calendar days) following the due date with a late penalty as determined by the instructor. Any work submitted after one week of the due date will receive a 0.

Academic dishonesty
Academic dishonesty, including cheating, plagiarism, misrepresentation or collaboration, will not be tolerated in the Computer Sciences and Information Systems department. On the first offense--be it confirmed or merely suspected--the student and the Department Chair will be notified in writing by the instructor. On the second offense, the student will receive an E for the course and meet with the Department Chair about their future at SLCC.

DRC statement
SLCC values inclusive learning environments and strives to make all aspects of the College accessible to our students. If you have a disability and believe you need accommodations to improve access to learning materials or the learning environment, please contact the

Student Code of Conduct Statement
The student is expected to follow the SLCC Student Code of Conduct (Links to an external site.).

Title IX Statement for SLCC
Title IX of the Educational Amendments of 1972 prohibits discrimination based on sex in any educational institution that receives federal funding. Salt Lake Community College does not tolerate sex discrimination of any kind including: sexual misconduct; sexual harassment; relationship/sexual violence and stalking. These incidents may interfere with or limit an individual's ability to benefit from or participate in the College's educational programs or activities. If you have questions or concerns regarding your rights or responsibilities, or if you would like to file a Title IX complaint please contact:

Students may also report incidents to an SLCC faculty or staff member, who are required by law to notify the Title IX Coordinator. If a student wishes to keep the information

confidential, the student may speak with staff members of the Center for Health and Counseling, (801) 957-4268.

For more information about Title IX, go to: [http://www.slcc.edu/eeo/title-ix/index.aspx (Links to an external site.)](http://www.slcc.edu/eeo/title-ix/index.aspx)

Important Information for Students
General Learning Support & Tutoring Services
General Learning Support & Tutoring Services provide support for SLCC students enrolled in any class at the College. All resources are provided free-of-charge. Ask your instructor about discipline-specific learning support and tutoring services.

- **Tutoring and Learning Centers** (Links to an external site.): provide free assistance in Math, Science, Accounting, CSIS and Allied Health Classes at 6 campus locations.
- **Student Writing Center** (Links to an external site.): provides in-person and online feedback on all writing assignments.
- **Academic Literacy Center** (Links to an external site.): provides tutoring in reading and conversation.
- **Library Services** (Links to an external site.): provides research help, print and online resources, computers and study space.
- **ePortfolio Lab** (Links to an external site.): provides drop-in assistance for all ePortfolio questions.
- **eLearning Support**: provides support for navigating online and hybrid classes.
- **Business Resource and Innovation Center**: provides tutors and a study space for students in Business and CSIS courses. Located in BB 226 on Taylorsville-Redwood Campus.

Advising and Counseling Support Services
Advising and Counseling Support Services provide support for students enrolled in any class as the college.

- **Center for Health and Counseling** (Links to an external site.): provides health care, mental health counseling, massage therapy services and healthy lifestyle programs.
- **Veterans' Services** (Links to an external site.): assists hundreds of students in using their VA education benefits each semester.
- **Academic and Career Advising** (Links to an external site.): helps students plan, explore, make decisions, access resources and evaluate their academic and career goals.
- **Academic Achievement Center** (Links to an external site.): helps students achieve GPA requirements for graduation.

Institutional Syllabus
Please refer to the Institutional Syllabus in this course for additional information and resources.