TEIT 1100 Introduction to Networking

Welcome to the Introduction to Networking course! Introduction to Networking provides foundational-level instruction on the concepts, models, services, settings, protocols, topologies, and devices used in computer networks. Students also explore the Open Systems Interconnection (OSI) and Transmission Control Protocol/Internet Protocol (TCP/IP) models.

This course is a first step in preparing for networking certification exams such as CompTIA Network+ and Cisco CSST Networking. The next step to continue preparing for certification exams after completing this course is to enroll in the TEIT 2100 Computer Networks course.

Course Length: 1 Credit/30 Hours

Prerequisites (Recommended): TEIT 1210 A+ Core II or equivalent.

Textbooks and Required Materials

On the first day of class, students are required to have access to CertMaster Learn for Network+ (ISBN: 978-1-642745-24-5) which can be purchased online at TestOut.com following steps included in the Canvas course modules, or from the SLCC Redwood campus bookstore. In this course, students complete four chapters from the CertMaster Learn for Network+. This same product will be used in the TEIT 2100 Computer Networks course where students will complete the remaining chapters and additional supplemental content (students purchase CertMaster Learn for Network+ a single time and use the same product for the two courses).

While we have resources available for students in the classroom, we recommend students bring their own preferred note-taking materials including paper, pen/pencil, highlighter, as well as headphones for listening to online video content.

This course will use Canvas for the course outline, assignments, due dates, assignment submission, links to core and supplemental learning materials, and other content. Canvas can be accessed using MySLCC login information at slcc.instructure.com.

College-Wide Learning Outcomes: The Core Themes of SLCC's Mission focus on Access and Success, Transfer Education, Workforce Education and Community Engagement. As such, all courses and programs address one or more of the below College-Wide Learning Outcomes.

Upon successful completion of any program at SLCC, students should:

1. Acquire substantive knowledge in the discipline of their choice sufficient for further study, and/or demonstrate competencies required by employers to be hired and succeed in the workplace.
2. Learn to communicate effectively.
3. Develop quantitative literacies necessary for their chosen field of study.
4. Learn to think critically.
5. Develop the knowledge and skills to be civically engaged, and/or to work with others in a professional and constructive manner.

TEIT 1100 Course Learning Outcomes

Upon completion of this course, students will be able to:

- Define common concepts and terms associated with computer networking
- Identify and differentiate the purpose and function of common networking devices
- Identify and differentiate common networking ports, protocols, and services
- Identify components of the OSI and TCP/IP model
- Compare and contrast network topologies and access methods

Grading and Evaluation Criteria

Students earn points by completing the following assignments found in the Canvas modules.

	Number	Points Possible	% of Grade
Quizzes	5	85	40%
Lab Simulation Activities	32	76	40%
Capstone and Milestone Activities	2	60	20%
	Total 221		100%

Grade	Min	Points
A	93%	205-221
A-	90%	199-204
B+	87%	192-198
B	83%	175-191
B-	80%	177 - 174
C+	77%	170-176
C	73%	161-169
C-	70%	154-160
D+	67%	148-153
D	63%	139-147
D-	60%	133-138
E	>60	>133

Assignment Grading

During regular classroom hours, instructors are quick to grade submitted assignments but may take up to 24-hours to grade. Assignments are typically not graded during non-instructional hours including unscheduled weekend hours, holidays, semester breaks, etc.

Course Pace: We recommend meeting with an instructor to discuss goal dates.

Course Duration: <based on semester end date>

Classroom Hours:
Students are encouraged to attend the classroom as frequently as possible. Instructors are available in the classroom and in Zoom during the following hours:

Monday-Thursday: 8:00 a.m. - 9:00 p.m.

Fridays: 8:00 a.m. - 6:00 p.m.

Saturdays: 9:00 a.m. – 2:00 p.m.

Meaningful Contact
Students are encouraged to attend the classroom as frequently as possible and are expected to maintain regular meaningful contact with an instructor to stay on track with completing the course within the allotted course time. Meaningful contact should consist of classroom instruction and a review of course progress and goals. Two-way meaningful contact typically takes place face-to-face in the classroom or through our online classroom in Zoom.

Computer & Network Technology Department Faculty

We welcome and encourage students to reach out to any of our excellent instructional support team members at any time should you have questions about the training program, study materials, progress requirements, course expectations, etc. Please reach out to us through Canvas, join the online Zoom classroom, come to the physical classroom, or call or email us. We are here to support your success!

Institutional Syllabus

Please read the Institutional Syllabus found near the bottom left of the Canvas menu for further important information about college policies, student code of conduct, learning support and tutoring services, and advising and counseling support services. Students are expected to be aware of and follow the code of student rights and responsibilities.