

CST K232 Communications and Networking Syllabus

Semester: Fall 2013

Class Format: Hybrid (half classroom and half online)

Hours: Lecture/Lab T 2:30 pm–4:10 pm (Room B/227)

Instructor: Allan Anderson

Private Contact Methods: Blackboard Learn Messaging (preferred) *or* aanderson@trcc.commnet.edu (emergency only) for private (one-to-one) communications

Public Blackboard Discussions: all students and instructor communications on class topics – this is the primary class communication method outside of the classroom

Campus Office Hours: Tuesday (11:45 am – 2:15 pm, 4:15 pm - 4:45 pm)
Other days/hours by appointment

Campus Office: Room C/106

Campus Phone: (860) 885-2392 (with voice mail)

Instructor Response Time Objectives: Electronic Messages - 48 hours (weekdays), 72 hours (weekends)

Discussion posts - 24 hours (weekdays), 48 hours (weekends)

Assignment grading – 1 week or less from due date (no assignments are graded before the due date)

Phone messages – 72 hours (weekdays), 96 hours (weekends)

Dates: Aug. 26 – Dec. 17, No class on Aug. 27

Textbook: Jim Kurose and Keith Ross, *Computer Networking: A Top-Down Approach, Sixth Edition*, Pearson, 2013, 978-0-13-285620-1

Withdrawing from the course: A student who simply stops submitting work will receive the grade earned on that work, usually a failing grade. To receive a "W" grade instead, apply for a withdrawal through the registrar's office by Dec. 10th. A "W" will be entered on the student transcript. An "N" (implicit withdrawal) may be entered for a student that stops submitting work before 60% of the class is completed.

Academic Integrity: Students are expected to do their own work in this class. Working together to better understand the material is acceptable. Submitting duplicate work is not and will adversely affect the assignment grade. Actively participating in the discussion boards both to ask and to answer questions is expected of all students. Posting of detailed instructions for "how to" responses to questions is encouraged but posting of a complete solution is not. Example violations include but are not limited to:

- Copying or sharing a file or any portion of a file from another student.
- Sharing or allowing another student to copy your files or any portion of a file.
- Duplicating or distributing copies licenses for software programs and/or services.

Class cancellations: as a hybrid class with meetings on campus, any college delay or closing due to weather or other circumstances will have impact on classroom based activities. However, there may be little to no impact on other scheduled activities for this class. Your instructor will inform you of any changes to existing dates.

Students with Disabilities: If you are a student with a disability and believe you will need support services and/or accommodations for this class, please contact the Disabilities Support Services at TRCC. Please note that the instructor cannot provide accommodations based upon disability until the instructor has received an accommodation letter from the Disabilities Counselor.

Course Objectives:

- To provide the student with guidelines for appropriate electronic communication techniques in a business/academic environment and the opportunity to use these techniques for class activities throughout the semester.
 - To provide the student with knowledge of the fundamental concepts underlying current networking technologies.
 - Specifically at the course completion students will be able to describe, explain and discuss modern networking features including but not limited to the following:

• To be defined	•
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Lab Assignments: Weekly assignments from the end of chapter problems or from additional instructor handouts will be given. The hand-in format will be via Blackboard Learn unless otherwise noted. Class assignments should be submitted on or before the due date and time. A late assignment will lose 10% of the score for that assignment if submitted late. No assignments will be accepted after the cutoff date. Assignments will be graded on professionalism, accuracy, style and completeness. The details for each assignment, including work to be done and the due date and cutoff date, will be posted in that assignment's drop box. Students are encouraged to interact with the instructor or other students on these assignments via Blackboard Learn discussion boards but must personally perform the necessary actions to complete the assignments.

Grading and Evaluation Criteria:

20 % of the grade is based on a midterm examination

20 % of the grade is based on a final examination

25 % of the grade is based on chapter examinations

30 % of the grade is based on assigned labs

5% of the grade is based on discussion (classroom and online) participation

Final course grades will be assigned as objectively as possible, according to the following scale (a class curve may be used at the discretion of the instructor):

90 - 100%	A- to A
80 - 89%	B- to B+
70 - 79%	C- to C+
60 - 69%	D- to D+
59% and Below	F

Week	Topics	Text Assignments
1-3	Computer Networks and the Internet	Chapter 1
4-5	Application Layer	Chapter 2
6-7	Transport Layer	Chapter 3
8-9	The Network Layer	Chapter 4
10-11	The Link Layer: Links, Access Networks, and LANs	Chapter 5
12-13	Wireless and Mobile Networks	Chapter 6
14-15	Security in Computer Networks	Chapter 8
		Final Exam

Note: The foregoing course outline is subject to change as conditions warrant.