WEBER STATE UNIVERSITY
NET 3710 – Network Technology Systems Management
COURSE SYLLABUS – FALL SEMESTER 2018

LOCATION: WSU Davis Campus Room 311
INSTRUCTOR: Darin Myers – darinmyers@weber.edu
PHONE: Office: 801-220-4042 Cell: 801-332-0099
Date/Time: Thursdays - 4:30pm
Website: **http://faculty.weber.edu/dmyers/** **(download lecture notes from this site)**

TEXT: **THE ESSENTIAL GUIDE TO TELECOMMUNICATIONS**
Fifth Edition, By Annabel Z. Dodd

OBJECTIVE: Students will demonstrate knowledge of the concepts, components, and architecture of: public carrier and private IP networks and switching systems, optical and electrical transport networks, regulatory environments, and workings of basic TDM and IP transmission systems. Students will also demonstrate knowledge of cellular/mobile/fixed wireless technologies including network elements, routing, packet delivery, handoff technology, and the evolution of generations of wireless technologies and systems. Appreciate the management concepts involved in maintaining and operating a switching/transport network and understand future directions of switching systems and telecommunications networks.

WEEK	DATE	SUBJECT	ASSIGNMENT
1	Aug 30	Chp 3 – Industry Overview	Read
*2	Sep 6	Chp 4 – Carrier Networks	Chp. 3 Quiz
*3	Sep 13	Signaling	Chp. 4 Quiz
*4	Sep 20	PCM	Signaling Quiz
*5	Sep 27	WAN Data Networks	PCM Quiz
*6	Oct 4	Chp 2 – Ethernet/IP/VoIP	WAN Quiz
*7	Oct 11	Switching/Routing	Chp. 2 Quiz
8	Oct 18	Verizon site tour	None
9	Oct 25	Chp 5 – Broadband Networks	None
*10	Nov 1	Chp 6 – Internet	Chp. 5 Quiz
*11	Nov 8	Chp 7 Mobile Networks	Chp. 6 Quiz
*12	Nov 15	Transport Systems/SIP	Chp. 7 Quiz
13	Nov 22	No Class - Thanksgiving	None
14	Nov 29	Network Management	None
15	Dec 6	Review for Final	None
16	Dec 13	Final Exam	None

***QUIZZES:** Will be given throughout the semester and will be based on the previous week's lecture, readings, and assignments. There will be no midterm examination. The final examination will be as scheduled for the class.

ADA: Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary.

Academic Honesty: NMT policy dictates that any verifiable evidence of student academic cheating, as defined and determined by the instructor, will result in: 1) an automatic failing grade for the class and 2) a report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct.

Campus Closure: In the event of the campus being closed please check the Canvas portal for course instruction.

Course Fees: Course fees in the Network Management Technology major are designed to cover the costs of equipment maintenance and replacement, software, consumable materials and supplies, instructional resources, and certification.

Grading Scale:

95% - 100 % =A	90% - 94 % =A-	
87% - 89% =B+	83% - 86% = B	80% - 82% = B-
77% - 79% =C+	73% - 76% = C	70% - 72% = C-
67% - 69% =D+	63% - 66% = D	60% - 62% = D-