WEBER STATE UNIVERSITY
NET 3710 – Network Technology Systems Management
COURSE SYLLABUS – SPRING 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 systsems. 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	Jan 11	Class Overview/Chp 3 – Industry Overview	Read
*2	Jan 18	Chp 4 – Carrier Networks	Chp. 3 Quiz
*3	Jan 25	Signaling Notes	Chp. 4 Quiz
*4	Feb 1	PCM Notes	Signaling Quiz
*5	Feb 8	WAN Data Networks Notes	PCM Quiz
*6	Feb 15	Chp 2 Lecture – Ethernet/IP/VoIP	WAN Quiz
*7	Feb 22	Switching/Routing – Cisco 3 Tiers	Chp. 2 Quiz
8	Mar 1	Verizon site tour	None
9	Mar 8	No Class – Spring Break	None
*10	Mar 15	Chp. 5 Broadband/WAN Lecture	None
*11	Mar 22	Chp. 6/Internet Lecture	Chp 5 Quiz
*12	Mar 29	Chp. 7 Mobile Networks Lecture/SIP Lecture	Chp 6 Quiz
13	Apr 5	Transport Systems	Chp 7 Quiz
14	Apr 12	Network Management	None
15	Apr 19	Review for Final	None
16	Apr 26	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-