WEBER STATE UNIVERSITY
NTM 3710 – Network Technology Systems Management
COURSE SYLLABUS - FALL SEMESTER 2015

LOCATION:  WSU Davis Campus Room 311
INSTRUCTOR:  Darin Myers – darinmyers@weber.edu
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  Sep 3  Class Overview/Chp 3 – Industry Overview  Read
*2  Sep 10  Chp 1 Lecture – Enabling Technologies  Chp. 3 Quiz
*3  Sep 17  Trunking Lecture  Chp. 1 Quiz
4  Sep 24  Chp 4 Lecture – Carrier Networks  Read
*5  Oct 1  Chp 4 continued (transport lab)  Chp. 4 Quiz
6  Oct 8  Chp 2 Lecture – Ethernet/IP/VoIP  Read
*7  Oct 15  Switching/Routing – Cisco 3 Tiers  Chp. 2 Quiz
8  Oct 22  XO Comm. Site Tour  None
9  Oct 29  Chp. 5 Lecture  None
*10  Nov 5  Chp. 6 Lecture  Chp. 5 Quiz
*11  Nov 12  Chp. 7 Lecture/SIP Lecture  Chp. 6 Quiz
*12  Nov 19  Advanced Networks  Chp. 7 Quiz
13  Nov 26  No Class - Thanksgiving  None
14  Dec 3  Network Management  None
*15  Dec 10  Review for Final Written Exam  None
16  Dec 17  Final Written 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:** Any attempt to gain unfair advantage during exams, or submitting another student’s work as your own, is considered cheating. If caught cheating in this class, you will fail the class and the university will pursue the matter.

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

**Grading Scale:**

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<th>95% - 100% = A</th>
<th>90% - 94% = A-</th>
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<tr>
<td>87% - 89% = B+</td>
<td>83% - 86% = B</td>
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<td>77% - 79% = C+</td>
<td>73% - 76% = C</td>
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<td>67% - 69% = D+</td>
<td>63% - 66% = D</td>
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