WEBER STATE UNIVERSITY
NTM 3715 – Network Technology Systems Applications Lab
COURSE SYLLABUS – SPRING SEMESTER 2016

LOCATION:  WSU Davis Campus Room 311
INSTRUCTOR: Darin Myers – darinmyers@weber.edu
Date/Time: Thursdays – 7:30pm
Website: http://faculty.weber.edu/dmyers/

OBJECTIVES: Complete hands on labs working with transmission systems - TDM, Ethernet, and IP. Use of various circuit test sets. Installation, configuration, and troubleshooting of multiplexers, routers, switches, VoIP equipment/servers, etc. Run applications live LAN/WAN networks. Discussion of new technologies.

WEEK | DATE | SUBJECT | Assignment
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1 | Sep 1 | Lab Overview/TDM vs IP lecture | None
2 | Sep 8 | Media overview/TDM lines lab | TDM lines lab
3 | Sep 15 | TDM lines/trunks lab | TDM trunks lab
4 | Sep 22 | Fiber/SONET Transport Lab | Transport lab
5 | Sep 29 | TDM Transport Lab | Transport lab
6 | Oct 6 | IP/Ethernet Transport Lab | Transport lab
7 | Oct 13 | IP Routing Lab – Basic | IP Routing Labs
8 | Oct 20 | XO Comm. Site Tour | None
9 | Oct 27 | IP Routing Lab – Advanced | None
10 | Nov 3 | TDM PTP/Network/Avaya VoIP Lab | None
11 | Nov 10 | Ethernet PTP/Network/Avaya Volp Lab | None
12 | Nov 17 | SIP Lab | Labs
13 | Nov 24 | No Class - Thanksgiving | SIP Lab
14 | Dec 1 | Design/Build Network Lab | SIP Lab
15 | Dec 8 | Labs Review for Final Exam | None
16 | Dec 15 | Final Hands on Lab Exam | None

Labs: Will be given out at the beginning of classes and will be worked in groups. Attendance is required to complete labs.

Grading Scale:

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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.