WEBER STATE UNIVERSITY
NET 3715 – Network Technology Systems Applications Lab
COURSE SYLLABUS – FALL SEMESTER 2021

LOCATION: WSU Davis Campus Room 311
INSTRUCTOR: Darin Myers – darinmyers@weber.edu
PHONE: Office: 801-220-4042 Cell: 801-332-0099
Date/Time: Thursdays – 5:30pm
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 on private and public LAN/WAN networks. Discussion of new technologies.

WEEK	DATE	SUBJECT	Assignment
1	Sep 2	Lab Overview/TDM vs IP lecture	None
2	Sep 9	Media Overview/Digital Switching Lab	Switch Lab
3	Sep 16	Optical System/Rack Eqpt Overview	Cisco 15454
4	Sep 23	Optical Transport Lab	PTP Router link
5	Sep 30	Electrical Transport Lab	Mux/Test equip
6	Oct 7	PTP Transport Lab	VoIP Lab
7	Oct 14	Optical Transport Lab	Ethernet
8	Oct 21	Verizon site tour	None
9	Oct 28	IP Routing Lab	Basic
10	Nov 4	IP Routing Lab	Advanced
11	Nov 11	IP Routing Lab	Redundancy
12	Nov 18	SIP Lab	Allworx
13	Nov 25	No class - Thanksgiving	None
14	Dec 2	SIP Lab	Allworx
15	Dec 9	Review	Review
16	Dec 16	Final Exam	Final

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

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-

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.