

NTM 2300 - Introduction to LAN Management
Weber State University - Network Management Technology
Fall 2015

Instructor: Andrew Drake
Classroom: D02 311 - T/R 9:00 - 10:15 am
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Office Hours: Wed 10:00 - 12:00, Thur - 3:00 - 4:30

Course Description:

Local area networking concepts including needs analysis, applications, topologies, configurations, and troubleshooting using hands-on labs.

Required Text:

Lammle, Todd "CompTIA Network+ Study Guide: Exam N10-006" Third Edition
ISBN: 1119021243

Learning Outcomes:

- Students will demonstrate knowledge of networking topologies and metrics.
- Students will demonstrate knowledge of the OSI model and where networking protocols are commonly placed in it.
- Students will demonstrate an understanding of IP addressing and basic subnetting skills.
- Students will demonstrate knowledge of different transmission media types and methods.

Teaching Methods:

Class will be taught using a combination of lecture and labs to present and reinforce the material. Quizzes administered through the Canvas online portal and in class will be used throughout the semester. We will cover chapters 1 - 8, 12 - 15, and 17 - 19 of the required text. The information contained in the skipped chapters will be covered in later NMT classes.

Quizzes and Labs:

There will be eleven chapter quizzes administered through the Canvas online portal. The quizzes will be done at the start of class the week after the chapter is covered. Format will be multiple choice, true/false, and fill in the blank. Labs will be done individually and in groups as assigned. Most will be done in class but some will be assigned as homework. The final will be a representation of the Network+ exam trimmed down to the chapters we cover during the semester.

Grade 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-
 Quizzes: 50% Final: 10% Labs: 30% Attendance and Participation: 10%

Schedule:

Week 1:	Sep 1	Introductions, OSI	
Week 2:	Sep 8	Chp 1 and 2	
Week 3:	Sep 15	Chp 3	Quiz on Chp 1 and 2
Week 4:	Sep 22	Chp 4	Quiz on Chp 3
Week 5:	Sep 29	Chp 5	Quiz on Chp 4
Week 6:	Oct 6	Chp 6	Quiz on Chp 5
Week 7	Oct 13	Chp 7	Quiz on Chp 6
Week 8	Oct 20	Chp 8	Quiz on Chp 7
Week 9	Oct 27	SaintCon	Subnetting Review
Week 10	Nov 3	Chp 12	Quiz on Chp 8
Week 11	Nov 10	Chp 13	Quiz on Chp 12
Week 12	Nov 17	Chp 14	Quiz on Chp 13
Week 13	Nov 24	Chp 15	Quiz on Chp 14
Week 14	Dec 1	Chp 17,18,19	Quiz on Chp 15
Week 15	Dec 8	Chp 17,18,19	Final

Late Work:

Most work will require meeting with the instructor to complete if missed. Please inform the instructor of any absences as soon as possible, e-mail is preferred. It is at the instructor's discretion to allow late work.

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.