

NET 2300 - Introduction to LAN Management

Weber State University - Network Management Technology

Fall 2018

Instructor: Andrew Drake
Classroom: Davis Campus D02 315 - Thursday 17:30 - 20:10 pm
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Office Hours: Tues: Davis 15:00 - 17:30, Wed: Ogden 13:30 - 16:00

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 NET classes.

Quizzes and Labs:

There will be eleven chapter quizzes administered through the Canvas online portal. The quizzes will be taken 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:

The calendar in Canvas will have the due dates for quizzes and assignments.

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.

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.

Academic Honesty:

Any attempt to gain unfair advantage during exams, or submitting another person's work as your own, is considered cheating. 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. You can find more information about academic honesty in the Weber State Policies and Procedures Manual.

http://www.weber.edu/ppm/Policies/6-22_StudentCode.html

Campus Closure:

In the event of the campus being closed, please check the Canvas portal for course instruction.