

NET 1300 - Networks and Emerging Technology
Weber State University - Network Management Technology
Fall 2016

Instructor: Andrew Drake
Classroom: Elizabeth Hall 318 - M/W/F 10:30 - 11:20 am
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Office Hours: Tues: Davis 1:30 - 3:00, Wed: Ogden 1:30 - 3:00

Course Description:

This course is designed to introduce the fundamentals of voice and data networking technologies. The course includes topics such as history of telecommunications, history of data networking, study of industry, transport media, common networking protocols, and emerging technologies.

Required Text:

A textbook is not required for this course. The instructor will provide material for reading assignments through the Canvas online portal.

Learning Outcomes:

- Students will demonstrate knowledge of networking topologies and metrics
- Students will demonstrate how to convert between binary, decimal, and hexadecimal
- Students will demonstrate understanding of issues facing the future of voice and data networking
- Students will demonstrate an understanding of and the use of collaborative technologies
- Students will analyze and report on the impact of disruptive technologies on a local and global scale

Teaching Methods:

Class will be taught using a combination of lecture and labs to present and reinforce the material. Reading assignments will be used to prepare for in class discussions and for writing assignments. Quizzes will be administered through the Canvas online portal and taken in class throughout the semester.

Quizzes and Labs:

Quizzes on lecture materials and reading assignments will be given in class. Quizzes will be multiple choice, true/false, and short answer. Lab work will be completed individually and in groups. Instructions will be given through the Canvas online portal.

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: 20% Writing: 20% Labs: 40% Attendance and Participation: 10%
Friday reading and discussion participation: 10%

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.