NET 3310 - Network Server Administration
Weber State University - Network Management Technology
Fall 2020

Instructor: Andrew Drake
Classroom: Davis CAE 146 - Wednesday 17:30 - 20:15 pm
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Office Hours: Virtual office hours - T/R 11:00 - 2:00

Course Description:
Students will learn how to install, configure, manage, and troubleshoot applications and services in a networked server environment.

Recommended Text: Available for free through the Safari portal at library.weber.edu
Exam Ref 70-740 Installation, Storage and Compute with Windows Server 2016 1st Edition
- ISBN-13: 978-0735698826
- ISBN-10: 0735698821

Introduction:
With a specific focus on server fundamentals, this course will teach students how to install servers, configure active directories, create and manage users, install server roles and features, perform diagnostics, and troubleshoot malfunctioning servers. Virtual machines will be used throughout the course and will be a major focus as well.

Learning Outcomes:
- Students will demonstrate fundamental server knowledge by installing a virtual network with hosts and servers.
- Students will demonstrate knowledge of common server services used in industry by installing and configuring them in a virtual network.
- Students will demonstrate technical knowledge of protocols and networked servers by completing quizzes.
- Students will demonstrate knowledge of current challenges and opportunities facing networked servers in business by researching and writing summaries.
- Students will demonstrate troubleshooting ability by completing a final practicum exam.

Teaching Methods:
Class will be taught using a combination of lecture and labs to present and reinforce material. Several quizzes will be administered through the Canvas online portal. Students will also research topics and provide written summaries. A final practicum will be administered in class and will focus on troubleshooting.

Grade Scale:

94% - 100 % = A   90% - 93% = 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-

Labs: 55%   Quizzes: 15%   Practicum: 15%   Research and Writing: 15%

Late Work:
Lab work is a huge part of how this course is taught. The early labs build the foundation for the later labs so they must be completed correctly. 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 an 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.