Server Administration

Class Schedule: Monday through Friday – Online

Location: Online – Canvas/Zoom

Final Exam: Due by Sunday of finals week

Instructor:	Chad Johnson
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Phone:	715-346-2020
Email:	Chad.Johnson@uwsp.edu
Office hours:	Tuesdays and Thursdays 10:00am - 11:00am

Course Description

Apply techniques for deployment of network services such as DHCP, DNS, SMTP, SSH, HTTP, HTTPS, printing and file sharing on both Windows and Linux server platforms. Introduction to Linux operating system including commands, utilities, shell programming, system administration, networking and Internet server capabilities.

Course Objectives

- Understand the principles and role of server technologies like DHCP, DNS, SMTP, SSH, HTTP, and HTTPS.
- Apply knowledge of these technologies to enterprise solutions.
- Appropriately plan and configure the aforementioned technologies.

Textbook

- This course will use open source educational resources.

Lectures

- Lecture notes MIGHT be posted in Canvas. Honestly, I make every effort to make my notes available, but I may decline to include them at my discretion.
- Students are strongly encouraged to attend each class and actively participate in class discussions. You are also encouraged to participate in discussions and assignments
- In general, I do not believe in taking attendance. However, class attendance may be taken in any class without notification in advance.

Grading

- 5 Assignments: 50%
- 2 Exams / Papers: 50% (25% each)

Final grades will be assigned according to the following scale:

A: score >= 90	A-: 87 <= score < 90	
B+: 83 <= score < 87	B: 80 <= score < 83	B-: 77 <= score < 80
C+: 73 <= score < 77	C: 70 <= score < 73	C-: 65 <= score < 70
D: 60 <= score < 65		
F: score < 60		

Scale may be adjusted, depending on the overall performance of the class.

Exams

- Paper exams taken in class are closed book and no-computers/phones, but open-notes – whatever you can write onto the front and back of a single 3" x 5" standard index card. If you print this, use 14pt Times New Roman font, and be double-spaced. I do not often give paper exams these days, but I might so I leave this here.
- Exams taken on Canvas are open-book, and you are free to use all resources at your disposal to complete the exam. Plagiarism and cheating, however, will not be tolerated. NO collaboration is allowed on exams.
- Final exam IS comprehensive.
- In general, any test or exam CANNOT be made up.
- If you miss a test or exam due to unavoidable circumstances (e.g., health), you must inform the instructor as soon as possible. A written explanation along with the supporting documents must be submitted to the instructor upon request.

Assignments and Deadlines

- Each assignment must be submitted by 11:59pm on the day it is due. **Late submissions must be submitted to the Late Submissions dropbox. They will be considered in my own time for reduced points.**

- You must submit your assignments online through Canvas. **I will not take submissions in email, unless the university verifies that Canvas was malfunctioning or unavailable.**

- All sources should be parenthetically cited and included in a Works Cited list at the end of each paper. Use APA citation. Uncited sources will reduce your grade. Plagiarism will not be tolerated. Case law citations should be done in italics (i.e. *U.S. v. Lopez*).

- All papers should use 1" margins, 12pt Times New Roman font, and be double-spaced.

Office Hours Policy

- I prefer that you contact me via email.
- However, you are still welcome to my office to ask me any questions at any other times.
- I fear the phone.
- For online courses, standing Zoom meetings will be held. You can join them anytime to speak with me. I essentially sit there in the meeting during these

times just to be available to students. If I do not let you into the meeting right away, be patient – that means I'm with another student. I will let you into the meeting as soon as I'm free.

Regrading

Scores of Assignments and Exams will be posted in Canvas, and announcements will be made in Canvas. After the scores are announced, you have 7 days to request for regrading by contacting the instructor (office hours or email). Your grade will be final after 7 days.

Canvas

The Canvas URL is https://canvas.uwsp.edu. Use your UWSP NetID and password to login. We use Canvas for announcements, assignments, and exams. You will need to use it.
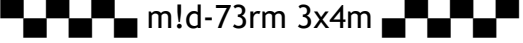
Academic Integrity

The university cannot and will not tolerate any form of academic dishonesty by its students. This includes, but is not limited to cheating on examinations, plagiarism, or collusion. **Any form of academic dishonesty may lead to F grade for this course. I assure you I take this extremely seriously.**

Students with Disabilities

If you require accommodation based on disability, please let me know. I am willing to provide any reasonable accommodations you require. The sooner you inform me the better.

Week	Lecture Topics	Assignment (Due Sunday)
1	Syllabus Introduction to Server Administration	
2	Installation of Windows Server	
3	Windows File Systems	
4	NTFS Security	Assignment 1
5	Installation of Active Directory	
6	Active Directory Administration	Assignment 2
7	Group Policy	
8	◼◼◼◼ m!d-73rm 3x4m ◼◼◼◼	
9	Linux Servers	
10	Linux File Systems and CLI	Assignment 3
11	DNS / Host-Based Firewalls	
12	DHCP	Assignment 4
13	SSH / Application Control Policies	
14	HTTP/HTTPS FTP/SFTP	Assignment 5
15	SMTP / IPSec	
16	Final Exam (Due Sunday of finals week)	