NET 2200	Microcomputer Operating Systems Fall Semester 2019

Instructor	AJ Hepler Office: D2 308D (Davis Campus) Phone: 801-395-3433 E-mail: ajhepler@weber.edu Office Hours: Davis Campus: Weds 1:00pm-4:30pm, Thurs 7:30pm-9:00pm Ogden Campus: By appointment Online: By appointment (Google Hangouts)
Classroom	WSU Davis Campus: D2 311
Days	Tuesday
Time	5:30pm-8:10pm
Textbook	Recommended textbook *CompTIA A+ Certification All-in-One Exam Guide* Ninth Edition by Mike Meyers (ISBN: 978-1259589515)
Course Description	Study of hardware and software components through managing programs, directories, files, and disks. Includes integrating applications, customizing windows, and managing printing.
Learning Outcomes	Upon successful completion of this course, students should be proficient in the following areas: • Identify different client-based operating systems • Navigate both GUI and command line environments • Basic understanding of the relationship between computer hardware and software • Configure user and group permissions in a Windows environment • Create computer hardware configurations for different user needs • Install and configure a virtual operating system
Class Information	Class will consist of lectures, discussions, assignments, quizzes and exams. Questions and comments are encouraged. It is expected that students will read the material related to each week's coursework. It is also expected that students will read any discussion posts and pay attention to any announcements posted throughout the semester.
Assignments, Quizzes, and Exercises	Assignments for the class will be accessible at the beginning of each week on Canvas. Assignments will consist of quizzes, lab exercises, and review questions. Due dates will be available inside each assignment's instructions on Canvas. Late assignments may be accepted with a 10% penalty for up to an additional week to provide for unforeseen circumstances. Assignments submitted beyond one week late will not be accepted.
Exams	There will be two exams for the class; a midterm and a final. The exams will be administered via the Chi Tester and count for 40% of the final grade. Review sessions will be held during or prior to each exam week to help you prepare for the exams.

Accommodations for disabilities

Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Service Center.

Grading

Final grades will be weighted based on the following criteria:

Quizzes	20%
Assignments and Labs	40%
Exams	40%

The final grade will be given based on points accumulated through assignments, quizzes, exams and labs. Standard grading will apply:

94-100	A		74-76	C
90-93	A-		70-73	C-
87-89	B+		67-69	D+
84-86	B		64-66	D
80-83	B-		60-63	D-
77-79	C+		0-59	E

Allocated Time

You should anticipate spending two to three hours of study per week for each credit hour of a university course. Computer and programming classes typically require time in the upper range.

Policies

Exams can only be taken on the dates given unless arrangements are made to take them ahead of time. If you know you are going to be absent at any point during the semester, notify your instructor so you can keep up with the material covered in class.

Academic Integrity (Cheating)

Students are expected to maintain academic ethics and integrity in regards to performing their own work. The WSU Student Code states clarifies cheating. Cheating, which includes but is not limited to:

1. Copying from another student's test paper
2. Using materials during a test not authorized by the person giving the test
3. Collaborating with any other person during a test without authority
4. Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test, without authorization of the appropriate official
5. Bribing any other person to obtain any test
6. Soliciting or receiving unauthorized information about any test
7. Substituting for another student or permitting any other person to substitute for oneself to take a test
8. Plagiarism, which is the unacknowledged (uncited) use of any other person or group's ideas or work. This includes purchased or borrowed papers.
9. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit
10. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process
11. Giving, selling or receiving unauthorized course or test information
12. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise or activity

Academic Integrity (Cheating) Continued…	13. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions School of Computing 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 2. A report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct Further disciplinary action may be taken by the University as it deems appropriate. 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 If you are not sure whether or not you might violate one of these stipulations, check with your instructor prior to submitting any assignments with questionable content. Refrain from the urge to copy and paste content from the web or anywhere else. A poor grade on a single assignment is much better than a failing grade for the course.
Course Fees	Course fees for the NET major are designed to cover the costs of lab equipment maintenance and replacement including desktop and server computer systems and software; consumable materials and supplies; and support for lab aides, student tutors, and online instructional resources.
Emergency Closure	In the event of an emergency or campus closure, please check Canvas for more information. You may want to sign up for Weber State's Code Purple if you haven't done so already to be alerted when these things happen. (https://www.weber.edu/codepurple)

Tentative Class Schedule and Course Outline (subject to change)

Week of	Topic	Coursework
August 26 Week 1	Introduction to Hardware and Operating Systems	Week 1 Quiz Week 1 Assignment
September 02 Week 2	Central Processing Units (CPUs)	Week 2 Quiz Week 2 Assignment
September 09 Week 3	Random Access Memory (RAM)	Week 3 Quiz Week 3 Assignment
September 16 Week 4	Hard Drives and Storage	Week 4 Quiz Week 4 Assignment
September 23 Week 5	Motherboards and Peripherals	Week 5 Quiz Week 5 Assignment
September 30 Week 6	Introduction to Windows	Week 6 Quiz Week 6 Assignment
October 07 Week 7	Working with Users, Groups, and Permissions	Week 7 Quiz Week 7 Assignment
October 14 Week 8	Operating System Maintenance	Week 8 Quiz Week 8 Assignment
October 21 Week 9	Midterm Review **No class Tuesday (Instructor out-of-town)**	**Midterm Exam**
October 28 Week 10	Networking and Virtualization	Week 10 Quiz Week 10 Assignment
November 04 Week 11	Working with a Command Line Interface	Week 11 Quiz Week 11 Assignment
November 11 Week 12	Introduction to and Installing Linux	Week 12 Quiz Week 12 Assignment
November 18 Week 13	Using Linux with a GUI	Week 13 Quiz Week 13 Assignment
November 25 Week 14	Linux Command Line Introduction	Week 14 Quiz Week 14 Assignment
December 02 Week 15	Final Exam Review	Final Exam Review
December 09 Week 16	**Finals Week (no classes)**	**Final Exam**