

## **NTM 2200 – Microcomputer Operating System**

Instructor: Patrick Beck

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Office: TE 109A

Office Hours: MWF 11:00am-12:00pm or by appointment

Class Times: MWF 7:30am – 8:20am

### **Course Description**

Study of hardware and software components through managing programs, directories, files, and disks. Includes integrating applications, customizing windows, and managing printing.

### **Course Outcomes**

At the conclusion of this course students will be able to complete or have an understanding of the following:

- Install Windows 7, OS X, and Linux

- Customize and optimize Windows 7, OS X, and Linux

- Use the Windows 7, OS X, and Linux command lines

- Manage Users and Groups in Windows 7, OS X, and Linux

- Manage files, directories and permissions in Windows 7, OS X, and Linux

- Manipulate data files in Windows 7, OS X, and Linux

- Virtualization vs Emulation

- Basic networking and security concepts in all operating systems

### **Textbooks**

Microsoft® Windows® Operating System: Essentials

By: Tom Carpenter

Publisher: Sybex

Pub. Date: February 1, 2012

Print ISBN: 978-1-118195529

Safari Books Online

Apple Pro Training Series: OS X Support Essentials

By: Kevin M. White

Publisher: Peachpit Press

Pub. Date: November 15, 2012

Print ISBN-13: 978-0321887191

Safari Books Online

### **Tools**

16GB USB 3 Flash Drive

## Accommodations for students with 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 Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary.

For more information about the SSD contact them at 801-626-6413, [ssd@weber.edu](mailto:ssd@weber.edu), or [departments.weber.edu/ssd](http://departments.weber.edu/ssd)

## Class Schedule Overview

Each week, there will be 3 class periods. MW will be lecture. Fri will be lab time. Each lab assignment will be due Friday of the week after it is discussed in class. All assignments are due at 11:59pm.

## Final Project

The final project will be worth 300pts. It will encompass components from all of the assignments. More information about the project is forthcoming.

## Grade Scheme

	89 – 87 B+	79 – 77 C+	69 – 67 D+	< 60 E
> 95 A	86 – 83 B	76 – 73 C	66 – 63 D	
94 – 90 A-	82 – 80 B-	72 – 70 C-	62 – 60 D-	

## Extra Credit

I will occasionally give extra credit. It will most often replace portions of an assignment. Please don't ask for extra credit.

## Late Work

You will be able to submit one assignment as late for full credit and after that all late assignments will be given half credit.

## Time Commitment

As a general rule you should spend at least twice as much time outside of class as in class.

## Tips for Success

One cannot learn all of the material by just reading the text. Practice is critical when learning new software and programming languages. Successful students read the upcoming material ahead of time. They participate actively in class. If you are struggling with any concept please come see me during office hours. The number one thing you can do is ask questions when you don't understand something.

## **Ethical Conduct**

Any form of academic dishonesty (cheating, plagiarism, etc.) will not be tolerated. Proof of academic dishonesty will result in a failing grade (E) for the course. The following is an explanation of cheating as stated in the student code.

1. Cheating, which includes but is not limited to:
  - Copying from another student's test;
  - Using materials during a test not authorized by the person giving the test;
  - Collaborating with any other person during a test without authorization;
  - Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official
  - Bribing any other person to obtain any test;
  - Soliciting or receiving unauthorized information about any test;
  - Substituting for another student or permitting any other person to substitute for oneself to take a test.
2. Plagiarism, which is the unacknowledged (uncited) use of any other person's or group's ideas or work. This includes purchased or borrowed papers;
3. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;
4. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;
5. Giving, selling, or receiving unauthorized course or test information;
6. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;
7. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.

Any cheating will result in a zero.