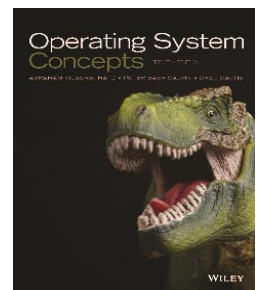# CS446 LAB 1

Outline:

In this lab, you will install a virtual machine appropriate for your computer and then install the virtual machine image running the Linux kernel provided by the textbook authors.

This image contains a link to the source code for Operating System Concepts and tools for software development.

Below are some of the key steps to install the virtual machine; a detailed list of steps is on the website http://www.os-book.com/

- Go to http://www.os-book.com/, click on the textbook cover.
- Click on the "Linux Virtual Machine" link under general resources.
- Follow the instructions on this page to install the virtual machine available at www.virtualbox.org
- Download the image "OSC10e.ova" and install it as a new machine on the virtual box.

Textbook Cover

Note:
- Make sure you have vitalization enabled on your machine.
- For Windows OS, you can enable it through the BIOS.
- If you don't see this option under BIOS Configuration, you might need to download and install an upgrade to the BIOS. Warning: Before following this step, take a backup of your computer.
- After installing the upgrade, restart your computer.
- In Lab 2, you will be using this Linux image to practice loading and removing kernel modules. You are expected to have the virtual machine and Linux (from the textbook website) ready to work on Lab 2.