Schedule and outline

This is a VERY rough schedule. You will generally have a project due each week. The chapter reading schedule will probably deviate from that shown below. It is your responsibility to come to class to figure out where we are.

You will need to upload your lab to the correct location on canvas.

Reading link by William E. Shotts (readings below will be identified as WES) (i.e. WES 1 means to read this text chapter 1)

Assignments are due Saturday unless otherwise noted.

Week 1

- Topics:
  - General overview of course
  - Linux intro and history
- Readings:
  - Introduction
- Slides:
  - Overview
  - Introduction
- Notes:
  - Terminus
- Assignments:
  - Lab 1

Week 2

- Topics:
  - Introduction to the shell
  - Navigating directories
  - Manipulating files
- Readings:
  - Chapter 1
  - Chapter 2
  - Chapter 3
  - Chapter 4
- Slides:
  - Chapter 1
  - Chapter 2
  - Chapter 3
  - Chapter 4
- Notes:
- Assignments:
  - Lab 2

Week 3

- Topics:
  - Archival and Backup
  - Redirection
- Readings:
  - Chapter 18
  - Chapter 6
- Slides:
  - Chapter 18
  - Chapter 6
- Notes:
Week 4

- Assignments:
  - Lab 3

Topics:
  - Shortcuts
  - Text Editors

Readings:
  - Chapter 8

Slides:
  - Chapter 8
  - Chapter 12

Notes:
  - Open vim tutorial
  - Vim adventures

Assignments:
  - Lab 4

Week 5

- Assignments:
  - Lab 4

Topics:
  - More commands

Readings:
  - Chapter 5

Slides:
  - Chapter 5
  - Linux Types

Notes:
  - Installing ubuntu

Assignments:
  - Lab 5

Week 6

- Assignments:
  - Lab 5

Topics:
  - Networkign and connectivity

Readings:
  - Chapter 16

Slides:
  - Chapter 16

Notes:

Assignments:
  - Lab 6

Week 7

- Assignments:
  - Lab 7

Topics:
  - Network settings

Readings:
  - Chapter 14

Slides:
  - Chapter 14

Notes:

Assignments:
  - Lab 7

Week 8
Week 9

- Topics:
  - Processes
  - Cron jobs
- Readings:
  - Chapter 10
- Slides:
  - Chapter 10
- Notes:
- Assignments:
  - Lab 9

Week 10

- Topics:
  - Searching
  - Finding
- Readings:
  - Chapter 17
- Slides:
  - Chapter 17
- Notes:
- Assignments:
  - Lab 10

Week 11

- Topics:
  - Regular Expressions
- Readings:
  - Chapter 19
- Slides:
  - Chapter 19
- Notes:
- Assignments:
  - Lab 13

Week 12

- Topics:
  - Storage
  - Filesystems
  - Git
- Readings:
  - Chapter 15
- Slides:
  - Chapter 15
- Video Lectures:
  - Partitioning 1


**Week 13**

- Topics:
  - The environment
  - Shell customization
- Readings:
  - Chapter 11
  - Chapter 13
- Slides:
  - Chapter 11
  - Chapter 13
- Video Lectures:
  - Prompt
  - Alias Bashrc
  - Modifying the environment
- Notes:
- Assignments:
  - Lab for GIT
  - Lab 11

**Week 14**

- Topics:
  - Shell scripting
- Readings:
  - Chapter 24
- Slides:
  - Chapter 24
- Video Lectures:
  - Shell scripting slides
  - Scripting example
- Notes:
- Assignments:
  - Lab 14

**Week 15**

- Topics:
  - Review
- Notes: