Readings are from our textbook, *Computer Organization and Design ARM Edition: The Hardware Software Interface*. Changes to the schedule will be announced in class.

**Resources**

- **Syllabus**
- **Examples from class**
- **Command-line tutorial**
- **Modern Microprocessors: A 90-minute Guide**
- **GWSL**, a tool to make it easy to use graphical apps within WSL

**git and ssh**

- Setting up `ssh` to connect to `cs2810.cs.dixie.edu` without typing a password:
  - **Written instructions**
  - **Screencast demo** (note, the written instructions are slightly simpler—open that page and follow along while you watch the screencast).
- **git book**
- **cheat sheet**
- **Screencast on setting up PuTTY** on Windows to connect to `cs2810.cs.dixie.edu`

**Learning vim**

- Type `vimtutor` to launch a basic tutorial
- **Screencast covering useful ways to enter insert mode**

**Screencasts**

- **Binary and hexadecimal number systems (Khan Academy)**
- **Two’s complement review (11:44)**
- **Float review (13:47)**
- **Converting numbers to floats (10:23)**
- **Python script to convert 9-bit floats into decimal fractions**

**Assembly language**

- **ARM64 assembly language notes** [html] [pdf]
- **Slides from class**
Midterm exam practice

- Binary/decimal/hex practice problems
- Two’s complement practice problems
- Float practice problems