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**
- 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).
- Command-line tutorial
- Modern Microprocessors: A 90-minute Guide

### git and ssh

- git book
- cheat sheet

### 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
- Setting up ssh: the best way for Linux, macOS, or WSL users to connect to leghorn
- Getting started with grind and the ARM64 sum function
- Example ARM64 problem: wordcount with intro to gdb

### Assembly language

- ARM64 assembly language notes [html] [pdf]

### Midterm exam practice

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