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

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 PuTTY: the best way for Windows users to connect to leghorn
- 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