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](http://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](#)