## Resources

- **Syllabus**
- **Examples from class**
- Setting up [ssh](https://cs2810.cs.dixie.edu) to connect to `cs2810.cs.dixie.edu` without typing a password:
  - [Written instructions](https://cs2810.cs.dixie.edu)
  - [Screencast demo](https://cs2810.cs.dixie.edu) (note, the written instructions are slightly simpler—open that page and follow along while you watch the screencast).
- [Command-line tutorial](https://cs2810.cs.dixie.edu)

### git and ssh

- [git book](https://cs2810.cs.dixie.edu)
- [cheat sheet](https://cs2810.cs.dixie.edu)

### Screencasts

- [Binary and hexadecimal number systems (Khan Academy)](https://cs2810.cs.dixie.edu)
- [Two’s complement review (11:44)](https://cs2810.cs.dixie.edu)
- [Float review (13:47)](https://cs2810.cs.dixie.edu)
- [Converting numbers to floats (10:23)](https://cs2810.cs.dixie.edu)
- [Python script to convert 9-bit floats into decimal fractions](https://cs2810.cs.dixie.edu)
- [Setting up PuTTY: the best way for Windows users to connect to leghorn](https://cs2810.cs.dixie.edu)
- [Setting up ssh: the best way for Linux, macOS, or WSL users to connect to leghorn](https://cs2810.cs.dixie.edu)
- [Getting started with grind and the ARM64 sum function](https://cs2810.cs.dixie.edu)
- [Example ARM64 problem: wordcount with intro to gdb](https://cs2810.cs.dixie.edu)

### Assembly language

- [ARM64 assembly language notes](https://cs2810.cs.dixie.edu) [html] [pdf]

### Midterm exam practice

- [Binary/decimal/hex practice problems](https://cs2810.cs.dixie.edu)
- [Two’s complement practice problems](https://cs2810.cs.dixie.edu)
- [Float practice problems](https://cs2810.cs.dixie.edu)