
Fedora


CentOS


Debian


Ubuntu


Mint


HP


IBM


VMWare


Apple


HP


Windows


Fedora


Mageia


OpenBSD


Sun


OS X


Red Hat


SUSE


FreeBSD

Introduction

Operating Systems Practicum

CS 4411

Cornell University


FreeBSD


OpenBSD


NetBSD


DragonFly BSD


Darwin

Lectures

- Friday 2:30-3:20pm
- Hollister Hall B14

- Either Lecture or Help Session
- Today (8/26): Lecture
- Next week (9/2): Lecture, Introducing 4411-P1
- Third week (9/9): Help Session

- Online schedule coming soon!

Enrollment

- No auditing
- Anyone already enrolled in 4410 should be able to enroll in 4411. If this is not the case, let us know.

- For those of you who have a conflict with the databases class, we have decided to let you enroll in 4411 AT YOUR OWN RISK.
  - Trying to arrange (but not guaranteeing) a duplicate session
  - ultimately you are responsible for being up to speed

Office Hours

- There is only one Google Calendar for 4410/4411 Office Hours

- We will mark some Office Hours as exclusively 4411 office hours.

- TAs that list their hours as “4410 OH” have not taken 4411. Do not ask them about the projects.

- Staff Page will also differentiate between TAs.

Piazza

- We have our own Piazza
  - Please don’t post 4411 questions to 4410
  - Please don’t post 4410 questions to 4411
  - Don’t post code!

Projects

- Enrolled in 4410 & 4411: only required to do 4410's Project 1 & 2. Both individual assignments.
- 4411: something due approximately every 2 weeks
- (If you are *only* enrolled in 4411, you need to do **only** the 4411 projects)
- You have 6 Projects in 4411

- Project are done in pairs. No partner?
  - Find one here
  - search on piazza
  - fill out the google form to be automatically assigned a partner (linked on piazza)

PortOS

- Most projects in PortOS
- Runs on Linux
- There will be a course VM
  - Work on your own machine at your own risk and definitely test on the VM before submitting

- Begins with some code base (not a blank file)
- Projects Build
  - Project n+1 will include your Project n code
- Tools like gdb, valgrind, purify are not going to play nicely with your assignments…

A word about C

- All 6 projects are in C
- Project #1 will be released next Thursday
  - If your C is rusty → brush up *NOW*
  - You should know:
    - Pointer arithmetic
    - Malloc, realloc, free
    - Typedefs, Type casting
    - void *, void **
    - Function pointers
    - Basic data structures (linked lists, etc.)

Partner Search

- Want to find a partner in person?
- Come to the front of class now.