

Florida State University COP 4610 / CGS 5765 Principles of Operating Systems Recitation (Fall 2015) Syllabus

Course Information

Lecture: HCB 216

F. 12:20am – 1:10pm

Workshops: LOV 301, MCH 202

M. 10:10am – 11:00am (section 3)

M. 1:25pm – 2:15pm (section 1)

W. 9:05am – 9:55am (section 2)

Lab: MCH 202

Alternate times/locations may be announced due to special circumstances.

Instructor

Andy Wang (awang@cs.fsu.edu)

Office: LOV 269

Office hours: M 4pm-5pm, F 4pm-5pm

Class Website: http://www.cs.fsu.edu/~awang/course/cop4610_f2015

TA

Britton Dennis (cop4610t@cs.fsu.edu)

Office: LOV 105A

Office hours: M. 11:00am-1:pm, W. 10:00am-11:00am

Shafayat Rahman (cop4610t@cs.fsu.edu)

Office: TBA

Office hours: TBA

Lab website

<http://www.cs.fsu.edu/~cop4610t>

Projects

Students will complete the class projects in teams of one, two, or three. Each project will consist of a project report, a README, and a project solution. All project components are to be submitted electronically via blackboard. Each team is to submit only one copy in the form of *project<n>_lastname1_lastname2_lastname3.tar*, where n corresponds to the nth project.

Project Grading Policy

Partial credit will be given for incomplete efforts. However, a program that cannot compile cannot get more than 30 points.

Each project will be graded out of 100 points.

- Project implementation 70 pts
- Documentation 30 pts
 - README 5 pts
 - File project report 15 pts
 - Code documentation 10 pts
 - Variable/functions names indicate purpose 5 pts
 - Readability (indentation, white space, max column-width < 80 chars) 5 pts

If the project solution does not use the Makefile mechanism or compile as specified in the README file, 70 points will be deducted from the total project grade. It is the student's responsibility to make sure that the solution archive will un-tar correctly. Please test your instructions in the README file as if you are the grader prior to submitting them.

Bugs

Your README will contain a list of all known bugs in your program. Undocumented bugs will incur a greater penalty. Demonstrating that you understand why a program has a bug, even if you are unsure of how to fix it, shows that you are thorough. An undocumented bug shows that you do not understand the program, or that you tried to hide a flaw. Undocumented bugs only slow down future development.

README:

- The project team members' names
- The contents of your tar archive and a brief description of each file
- The version of Linux or server you completed the project on
- How to compile your executables using your Makefile
- Known bugs and unfinished portions of the project
- Special considerations or anything I should know when grading your solution

Final Project Report

- The project problem statement
- Assumptions made
- The steps your team took to solve the problem
- Why your solution uses the system calls/libraries that it does
- Problems encountered
- Known bugs (same as in the README file)
- Division of labor
- Number of slack days used for each team member
- Cumulative log entries for the entire project
 - Meeting times, modifications, decisions made, accomplishments, etc
- Responses to questions (if any) in the project
- Descriptions of any additional features

Project Solutions

A project solution will include a README file, a Makefile, a final project report, and all source code files necessary to compile the project.

The attached project solution will include all of the project solution files archived together and should be named in the following format:

p<project#>_<lastname_member1>_<lastname_member2>_<lastname_member3>.tar
(e.g. p1_dennis_rahman.tar).

To archive the entire project solution files together, use the following tar command. Change the directory you are in to your project directory, then issue:

```
tar cvf <tar_file_name.tar> ./*
```

The *tar* command will archive all of the files in the current directory and any subdirectories into a single file with the name given. For more information, issue *man tar* at a Linux command prompt.

Late Submission Policy

Late project solutions will incur a 10-point deduction off of the max points each day the project is late. Project solutions received after five days from the original due date will receive 0 points. For example, if a project solution is submitted on or after Sunday when the original due date is Monday, the solution will receive 0 points.

Slack Days

Each student has three slack days. A slack day may be used to turn in a project solution a day late without incurring the 10 point deduction. Slack days cannot be used in fractional amounts.

Slack days are computed at the *student level* not at the team level. For example, if student A who has no slack days remaining joins student B with one slack day left, a one-day late project submission with student B using the one slack day will result in a 10-point deduction for student A but not student B.

General Project Submission Policy

1. Each team only need to make one blackboard submission, with one copy of your project.
2. If desired, you may *gzip* a *tar* file for your project solution. In this case, the file extension must be *.tar.gz*
3. Grade appeals may be brought for discussion to a TA up to one week after the grade was received. Any discrepancy brought for discussion to a TA after one week after the grade was received will not be heard.

Students' Responsibility

Start on your projects early. The recitations slides are posted on the lab website. If the instructions are not clear to you, please ask your instructors for clarification.

Florida State Academic Honor Code

Students are expected to uphold the academic honor code (<http://www.fsu.edu/Books/Student-Handbook/codes/honor.html>).

Accommodations for Disabilities

Students with disabilities needing academic accommodations should 1. Register with and provide documentation to the Student Disability Resource Center (SDRC). 2. Bring a letter to the instructor from the SDRC indicating your need academic accommodations. This should be done within the first week of class. *This syllabus and other class materials are available in alternative format upon request.*