

CS 490/690 Senior Team / Master's Projects Syllabus

Course Information:

Location: Harney Science Center 535
Sections: 01: MWF 9:15 – 10:20 am in HR 510
02: MW 4:45 – 6:25 pm in HR 535
Website: <http://www.cs.usfca.edu/~pfrancislyon/courses/490-690/syllabus.html>
Class email list: go to: groups.cs.usfca.edu, list is CS 490/690: **cs690@cs.usfca.edu**
Instructor: Patricia Francis-Lyon
Email: pfrancislyon@cs.usfca.edu
Phone: (415) 422-2810
Office: Harney 526
Office Hours: M 10:30-11:30 am, 1-4 pm; 7:30-9:30 pm; W 1-4 pm; F 1-2 pm;
Also by appointment

Learning Outcomes:

On completion of this course, the student should be able to accomplish the following:

- Design, code and test a significant software project according to industry best practices
- Fully document software for both the user of the package and a software developer who is extending the functionality of the package
- Solve problems that arise in a software development project.
- Function well in the team environment, exhibiting effective communication with client and team members.
- Prepare slides and demo, clearly present project to others, field questions

Grading:

%	Assignment
15%	code sprints
4%	weekly work reports
28%	status reviews (3): Status Review 1 (8%) Status Review 2 (10%) Status Review 3 (10%)
10%	Project Specification
5%	test suite
10%	Final Documentation
10%	final presentation
18%	final project quality & deliverables

your weekly work report should take about 5 - 10 min for your sponsor (and for your instructor) to read. Create a “weekly report” card for yourself on trello and each week replace the old contents with what you've accomplished for the current week, how much time you've spent on each task, and a brief description of any problems you've identified or solved. You should be building this through the week as you update the status of the tasks you're working on. ScrumMaster please paste the individual reports together into a team work report for the week and add your own brief assessment of project status, highlighting any block or problems. Upload the team report to Blackboard, as well as emailing it to your sponsor with cc: to the instructor.

Please upload all assignments to Blackboard.

Schedule:

Tentative schedule of progression of the course with due dates:

<http://www.cs.usfca.edu/~pfrancislyon/courses/690/schedule.html>

There is no required text for this class.

Late Policy:

Students are responsible for meeting all assignment and project deadlines. In general, late work will not be accepted. If an emergency arises and you are unable to meet a deadline, please notify the instructor beforehand to avoid a grade penalty. Students are responsible for keeping backups of written assignments and project files until the course is over. Extensions will not be granted for lost work.

Academic Honesty:

We will adhere to the University's Student Academic Honesty Policy available at: www.usfca.edu/catalog/policies/honor . Students caught violating the academic honesty policy will face severe penalty. A first offense will result in a zero on an assignment and a report to the Dean's office.

If you are part of a team, and do not contribute your share to the team effort your grade will be lowered.

Attendance:

You are expected to attend class, and also attend meetings with your sponsor (if any are arranged) and with your team.

Note: This syllabus is subject to change.