CSC 480 / HCI521: Software Design
Spring 2022

Place and Time: TR 4:00 p.m. – 5:20 p.m.; Tuesdays sync online; Thursdays in Shineman 444

Instructor: Alex Pantaleev

Office: Shineman 441

Office Hours / Lab Time: by appointment

Email: aleksandar.pantaleev@oswego.edu

Course Webpage: http://www.cs.oswego.edu/~alex/

Objectives: Apply the concepts of software engineering in a structured group project. The entire class will work together on a project and collaborate through the semester. The course will be in a seminar style: the majority of the meetings will be dedicated to progress planning, development, progress reporting, progress analysis, quality assurance, and work product acceptance.

Textbooks: *The Essence of Software* by Daniel Jackson.

Exams: There will be no final exam in this course. There will, instead, be a project presentation during the final slot.

Project: The course simulates how a small to medium enterprise implements projects. All students will collaborate on implementing the same project in an agile development process. Requirements and milestones will be defined by the students under guidance of the instructor. Students will work independently and collaboratively in teams.

Assignments: There will be minor assignments and exercises assigned as is convenient and as project progress allows. Special assignments and tasks may be given to individual students or groups of students depending on project status. There will be strict deadlines for all assignments.

Activity log: Individuals must maintain an activity log. The log includes a backlog of what still needs to be done to complete the project, what will be done in the current sprint, and what will be subject to the next sprint. **There will be no prompting, no collection, and no explicit deadlines. You will be held responsible if no useful progress is made during a sprint, which will likely lead to failing the course.**

Sprints: At least once a week every team / individual will present their progress. This entails reporting on accomplishments, goals of the current sprint, prerequisites to reach those goals, and issues holding the team back.

Grading Policy:
- Group project: 70%
- In-class work / participation / presentations: 25%
- Individual assignments: 5%

There is no curve. The grading scale is:

93 and up	A
90 to 92.99	A-
87 to 89.99	B+
83 to 86.99	B
80 to 82.99	B-

77 to 79.99	C+
73 to 76.99	C
70 to 72.99	C-
67 to 69.99	D+
63 to 66.99	D
60 to 62.99	D-
Below 60	E

Policies:

- Class sessions on Tuesdays will be held in a synchronous online fashion. Class sessions on Thursdays will be held in person.

- You are required to possess the necessary skills to do all assigned work, as well as allocate significant time for it outside of class. **It is highly recommended that you drop this course unless you have both the skills and the time to succeed.** Remember that your teammates depend on you.

- It is your responsibility to check the course webpage and your email accounts regularly.

- Class progress depends on the regular attendance of all group members. Therefore, attendance in all sessions is strict. If you cannot attend a class due to an extraordinary circumstance, **notify the instructor and your team in advance** via email. Personal reasons are not an extraordinary circumstance.

- **There is zero-tolerance policy against non-contributing members.** Students who do not contribute sufficiently, at the instructor's discretion, will be promptly failed from the course and excused from attending the remaining class and team meetings. The purpose of the course is to simulate how a company works; the above is equivalent to a non-performing worker being fired to prevent the project from failing.

- **Address issues with non-performing members (including yourself) promptly.** Strategies include:

  - Volunteer for work, and deliver it on time.

  - Be upfront about challenges.

  - Help others succeed instead of blaming them.

  - Maintain an open channel of communication.

  - If all else fails: see the instructor. **Don't wait to be called out.**

- Disability Statement: "If you have a disabling condition, which may interfere with your ability to successfully complete this course, please contact the Office of Accessibility Services."

- Clery Act/Title IX Reporting Statement: SUNY Oswego is committed to enhancing the safety and security of the campus for all its members. In support of this, faculty may be required to report their knowledge of certain crimes or harassment. Reportable incidents include harassment on the basis of sex or gender prohibited by Title IX and crimes covered by the Clery Act. For more information about Title IX protections, go to https://www.oswego.edu/title-ix or contact the Title IX Coordinator, 405 Culkin Hall, 315-312-5604, titleix@oswego.edu. For more information about the Clery Act and campus reporting, go to the University Police annual report: https://www.oswego.edu/police/.

- Intellectual Integrity Statement: SUNY Oswego is committed to Intellectual Integrity. Any form of intellectual dishonesty is a serious concern and therefore prohibited. You can find the full policy online.