CSCI 941 - Senior Project 1  
Fall 2021

Time and Place: MW 3pm-4pm, CF 125

Instructor: Phil Nelson

Office/Phone: CF467, 650-3035

Office Hours: 2pm-3pm MTWF, others by e-mail request. Some Fridays I will not be available. These should be announced.

E-mail: My e-mail address is phil.nelson@wwu.edu. When you send me e-mail, please use plain text (no HTML) messages and include “CSCI 491” in the subject of your e-mail. Do not use Canvas for communication with me.

Web Access: I have information for this class on the web. See the page https://facultyweb.cs.wwu.edu/~phil/classes/f21/491. I will update the content over the quarter as needed. If you believe something is missing from the site, please e-mail me requesting the information be posted. Some content may be on canvas.

“Text”: None.

Description: The first of a three-part team-based project to apply the skills and knowledge attained during the program to real, significant industry-based applications. In the course students research the project background, define the problem, develop a plan or design for a solution, create a project plan to achieve the solution in a timely manner, and create appropriate documentation.

Course Outcomes:

- Basic understanding of project planning and management.
- The ability to establish effective rapport and communication practices in small teams.
- The ability to apply analysis techniques to a substantial problem and document requirements necessary to solve or answer that problem.
Projects: During the first two class days of class, a number of projects will be presented. Each student will be required to fill out a survey as to which projects on which they would like to work.

Attendance: During the quarter class time will be used for reports from students on project progress. Attendance is required. (A zoom session will be provided for those who are not current living in Bellingham.)

At the end of the term, teams in CSCI 492 and 493 present what they have accomplished. Students in CSCI 491 will attend and evaluate these presentations. This will require additional time. For example, expect to meet from 1:00-5:30 on Wednesday of finals week. The presentation schedule will be announced toward the end of the quarter. Your attendance is required at these presentations.

Grading:

- 10% Peer reviews
- 30% Vision and Scope
- 30% Software Requirements Specification
- 10% Milestone 1
- 10% Customer Contact
- 10% Participation and Attendance

Final grades are expected to be 90% – A, 80% – B, 65% – C, 55% – D. Plusses and minuses are assigned at my discretion.

Flexibility: Due to the pandemic, changes may happen during the quarter. Such changes will be announced in class and posted to the website. Students will be held responsible for knowing about and properly dealing with any changes.

Academic Honesty Policy: Violations of the Academic Honesty Policy in this class will result in a failing grade for the class. The primary violation in this class would be claiming the work of others, including other members of the team, as your work.

Western Syllabus Policies: For generic syllabus policies of Western, visit https://syllabi.wwu.edu