

CS 480, Design/Individual Project
Fall 2006

Syllabus

- * Instructor: Heather Hunting
 - * Email: heather.hunting@gmail.com
 - * Phone: 313-7419
 - * Office Hours: by request

- * Website:
 - * <http://www.if.uidaho.edu/~hunthl/CS480/CS480Index.html>

- * Meeting Time/Place:
 - * Mondays, 7:00 pm to 9:40 pm, in CHE 308

- * Text / Software:
 - * There are no required textbooks for this course; however, any good software engineering text can be used as a reference.
 - * Software Engineering by Shari Lawrence
 - * Software Engineering by Ian Sommerville
 - * No specific software is required. You will be required to turn in documents and code, and these must be in a format I can read – hard copy, Word doc, etc. Ask me about other formats.

- * Course Description from Catalog:
 - * Formal development techniques applied to definition, design, coding, testing, and documentation of a computer programming project; each student completes an individual project. Two lec a wk; significant lab work reqd.
 - * Prereq: Engl 317 and Sr standing in CS.

- * Course work:
 - * You will be required to find a customer with a need which requires a computer program solution. You will design, build, and test this solution, producing proper documentation for each stage. *Warning: This could take considerably more time than a typical 4 credit class; plan accordingly.*
 - * The “customer” must be someone other than yourself, a close friend, or an immediate relative. Projects for businesses are not prohibited, but are discouraged because of potential legal liabilities.
 - * The project must involve significant software design. Modifying an existing program is only allowed if it involves a major change in design.
 - * Keep in mind you must be able to complete the project within the semester to receive full credit.
 - * **It is your responsibility to find a suitable project.**

- * You will be required to turn in the documentation.
 - * Project Proposal Letter
 - * Project Plan
 - * System Requirements Specification (SRS) and two updates
 - * System Design Description (SDD) and one update
 - * Test Plan and results of testing
 - * Code/listing
 - * User's manual and two updates
 - * Project Self Evaluation
- * You will also be required to give three presentations about your project during the course of the semester.
 - * Oral Requirements Presentation: a brief overview of your project.
 - * Oral Design Presentation: a review of your project's design.
 - * Final presentation: a demonstration of the finished project.
- * You will be required to submit weekly status reports to both your customer and the instructor.
- * Finally, you will be required to submit a Customer Certification at the end of the semester, verifying that you have successfully completed the project to the customer's satisfaction.

* Tests:

- * As this course is project-based, there will be no tests.

* Grading:

- * 90%–100%= A, 80%–89%= B, 70%–79%= C, 60%–69%= D, 0%–59%= F
- * 25 pts ~ Proposal Letter
- * 25 pts ~ Project Plan
- * 50 pts ~ Oral Requirements Presentation
- * 150 pts ~ Software Requirements Specification (100) and updates (25, 25)
- * 50 pts ~ Test Plan
- * 50 pts ~ Oral Design Presentation
- * 125 pts ~ System Design Description (100) and update (25)
- * 150 pts ~ Final Code
- * 50 pts ~ Beta Test Certification
- * 50 pts ~ Final Project Demonstration
- * 100 pts ~ User's Manual (50) and updates (25, 25)
- * 25 pts ~ Self Evaluation
- * 25 pts ~ Customer Evaluation
- * 75 pts ~ Weekly status reports (15 wks, 5 pts each)
- * 150 pts ~ instructor discretion