

Cleveland State University
Department of Electrical Engineering and Computer Science

CIS 485 IST 465 Senior Project

Catalog Data:

CIS 485 IST 465 (4 hours) Senior Project

Prerequisites: Senior standing, completion of CIS core

Objectives, Concepts, and Learning outcomes: In this course, students will be expected to design and implement a large group project. The project will be based on knowledge and skills acquired throughout the students' tenure as a CIS or CSC major. Presentations and accompanying reports are required. Upon successful completion of this course, a student will have learned to work effectively on a large project within a group setting and will have gained experience in reporting on the project during its various stages of development. In doing so, the student will also gain understanding, through experience, of the important phases of project development: planning, analysis, design, implementation, and testing. Upon successful completion of this course, a student will better understand the entire development process, work with peers, and overcome various adversities. The project will be a substantial addition to the student's portfolio.

Instructor:

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Course Outline:

Online: <http://www.csuohio.edu/elearning/blackboard/>

| Date | Event |
|-------|--|
| 8/25 | 4pm in room 004b |
| 9/26 | Progress presentations and documentation (1) |
| 10/31 | Progress presentations and documentation (2) |
| 12/5 | Final presentations and evaluations (3) |

Grading:

| | | | | |
|-----------------------------------|-----|-------------|-------------|-------------|
| Weekly reports | 10% | | | |
| First presentation/documentation | 20% | A = 92-100% | A- = 90-92% | B+ = 88-90% |
| Second presentation/documentation | 30% | B = 82-88% | B- = 80-82% | C+ = 78-80% |
| Final presentation/documentation | 40% | C = 70-78% | D = 60-70% | F = 0-60% |

Assignments : All assignments are designed as group projects. You will be assessing other group members at the end of the semester. I will weight your assignment grade by your peer group members' evaluations. Students will also evaluate other projects.

Class attendance : Students are expected to attend and participate in the presentations.

CIS 485 documentation expectations. Documents will be created as a team effort with individuals writing approximately the same number of words. When turned in through blackboard you will clearly mark the text each member was responsible for writing each portion. The simplest way to accomplish this would be through color coding. Even though the various colors would not be industry standard, it is acceptable for the purpose of evaluating your individual writing skills. You will turn in both the color coded version and the "black ink" version.

All illustrations, formulas, tables, charts and code fragments included in the documents will be labeled and referenced through a list. Any materials requiring a reference will be referenced according to ACM's Small Standard Format.

Each will be responsible to review documentation submitted by the other groups. The versions reviewed will be the unmarked "black ink" versions. Each presentation/documentation will include corrections from the previous along with the additional materials. The final documents should include at least 2000 words from each group member, but will likely include much more.

In order to receive a C or better in the course, a student must write at a satisfactory skill level (C or better). If the student's writing is weak, but shows understanding of the course material, the student will be assigned a D and not receive WAC credit this course.