

COMP 4560 – Industrial Project

Calendar Description Students will work in teams on an industrial project. Projects are supplied by the Department.

Prerequisites: COMP 3350 and departmental permission.

Course Description and Overview:

This course involves carrying out an "industrial-strength" software project for a cooperating organization (may be a company, government department, non profit organization, educational institution, faculty member, and so on).

Projects are usually to be carried out by teams of students, but single-student projects may also be considered.

Project Initiation:

Students are required to submit an application to the course director by the scheduled deadline. Students will discuss projects available with the course director. Upon mutual agreement, students will be placed on a project with other student team members.

Project Deliverables:

Each team of students will submit a project proposal at the beginning of the term. This proposal will define the project timelines and the expected deliverables at the end of the project. Deliverables will normally consist of a significant software system designed to meet the needs of the cooperating organization.

Students will normally work in teams and each student must participate on the project on a consistent basis during the term to ensure that the team meets its deadlines. Each student is normally expected to spend an average of 8 - 10 hours per week on the project.

Communication with the other team members is vital to the success of the project.

Progress Reports and Final Report:

Four short progress reports must be submitted on agreed-upon dates to the course director. These reports will reflect project and student progress during the term. A final project report is due on the last day of classes of the current term. In addition, software created will need to be suitably demonstrated.

Course Evaluation:

Evaluation of a group will typically be based upon the following breakdown:

- Progress Reports 20%
- Final Report 10%
- Project Demonstration 60%
- Cooperating Organization Feedback 10%