

Brooklyn College
Department of Computer and Information Science

CISC 4900 and 4905 [60.1, 60.2] Independent and Group Projects I, II

3 hours recitation and at least 6 hours independent work;
3 credits each term

Bulletin Description

Planning and development of a real computer systems project supervised by a faculty member. Achievement measured by demonstrable attainment of the project's goals. Written report.

Objectives

By the end of this course, students should:

1. Be able to develop algorithms and transform algorithms into a plan for solution.
2. Have gained breadth in several areas in computer science.
3. Be able to identify the goals, methods, tools and outcomes of a project.
4. Be able to record and document the results of a project.
5. Understand the project life cycle, including how milestones are noted, monitored and revised.

Course Details

CISC 4900 or CISC 5001 is required of all CIS majors. They both require department permission for registration. CISC 4900 requires completion of a major computer science project (involving approximately 15 hours/week of work), plus tutoring. Students may find their own project, within or outside the school. Many students use projects at work for their 4900 project.

Students generally do not take 4900 before their senior year, but students who present an appropriate project may be given permission before then. Students who are unable to find a project and are seniors will be assigned a project and must arrange their schedule so that they have two complete days a week available for project-related activities.

Students who wish to receive permission to register for CISC 4900 [CIS 60.1] should see Professor Augenstein, (Room 2122N, x5204, email: augenstein@sci.brooklyn.cuny.edu), or leave a message for him in the department office (Room 2109N, x5657). Students who have already taken CISC 4900 [CIS 60.1] may take CISC 4905 [CIS 60.2] to continue their project or do an additional project.

Written Reports to be submitted:

Student submits:

1. proposal (as per instructions below)
2. 1 or 2 interim reports
3. final report

Supervisor submits:

- 2 supervisor evaluation reports (1 interim and 1 final)

Proposal (instructions for student)

A proposal for a term project is due by the second week of class. There is no requirement as to the length and format. However, the following items must be included:

- A. Your name, college id, address, phone number (day and evening), and date.
- B. Course number (e.g. CISC 4900) and semester
- C. Name of agency or college office; name, telephone, and full address of contact person (i.e., person who is your initial contact); name, telephone, and full address of supervisor (i.e., person who actually assigns you tasks and supervises your day-to-day activities).
- D. Whether or not you have (or have had) any personal, business or professional relationship with either the contact person or supervisor and the nature of this relationship.
- E. A brief description of the general nature of the project. This description should consist of the following three parts:
 - 1. General Problem
 - 2. Proposed Solution
 - 3. An outline of the actual tasks that you will perform.