Brooklyn College
Department of Computer and Information Science

CISC 5001-5004 [88.1, 88.2, 88.3, 88.4] Independent Study and Research I, II, III, IV
Minimum of 9 hours conference and independent work per week.
3 credits each term

Bulletin Description

Independent research study or project supervised by a faculty member; approved reading; project report or written examination.

Objectives
By the end of this course, students should:

1. Be able to apply problem-solving and programming skills.
2. Be able to express in writing the motivation of a research project, including an overview of the background and the ongoing work with references.
3. Be able to efficiently use the methods and tools used in a research project.
4. Be able to record, document, and present new findings of a research project as soon as they are obtained through observation, computation or experimentation.
5. Have created new knowledge based on the synthesis or analysis of the new findings of a research project.

Course Details

CISC 5001-5004 are honors courses that are only open to superior CIS majors. Each course involves doing a research project under the supervision of a senior faculty member. Students need permission from the faculty member and from the Chair of the Department. Prior to obtaining permission from the Chair, a written proposal, in consultation with the sponsoring faculty member, must be submitted to and approved by the Honor Course Committee.

Guidelines for Proposal

The proposal should be 1-2 pages, 12pt font, and single spaced.

It should include all of the following:

1. A brief description of the problem and its importance.
2. Some background and previous work done in this area, including 2-5 references that the student will either read, or is already familiar with.
3. A work plan, including a concrete outline of what is going to be done.
4. Continuing proposals *must* contain a detailed report on the previous work. This report must include references to all publications and websites resulting from the work.
5. Pay attention to spelling, grammar, and sentence structure.