

Finger Lakes Community College

Canandaigua, New York

Computing Sciences Internship

CSC 250

General Information

CSC 250

Three (3) Credit Hours

I. Course Description/Content

CSC 250 Computing Science Internship

The Computing Science Internship will provide the student with an opportunity to gain “real-world” experience. During this internship, the student will apply learned skills acquired through course work in any of the computing science/information technology degree programs to a work experience and gain an awareness of career opportunities in the computing science field. It will also give the student a much-needed advantage in acquiring a job after graduation because the internship provides on-the-job work experience in a real world situation. This internship can be in any type of organization that can provide a meaningful computing science/information technology work environment.

II. Goals/Objectives

A. Learning Outcomes

Upon completion of this internship the participant will be able to:

- a. Make well-informed decisions about future academic study, career development and/or job selection.
- b. Actively participate in classroom discussions and share his/her internship experience with peers.
- c. Judge whether or not the work represented at the internship site is compatible with his/her ability, skills and personal values.
- d. Demonstrate professional maturity and computing science skills acquired through study at FLCC to a real-world job situation.
- e. Begin to build a network of Computing Science Professionals that will contribute to continued success in this field.

B. Relationship of course goals to degree programs

This course is required for the AAS degree in Information Technology and may be used as an elective by other Computing Science majors.

C. Competencies addressed in this course.

Writing

Oral Communication

Reading

Computer Literacy

Problem Solving and Critical Thinking
Ethics and Values
Professional Competency

III. Pedagogy

See Section V Course Outline for methods of evaluation.

IV. Student Activities

The student is expected to search for and obtain an internship in the computing science field that is directly related to his/her degree program. FLCC faculty will assist and advise the student during the search, but it remains the responsibility of the student to obtain this internship. After obtaining an internship, the student must satisfactorily complete the internship within the agreed time frame to receive credit towards his/her degree program.

V. Course Outline

It is expected that the student will undertake the Computing Science Internship some time after the completion of an appropriate sequence of computing science courses in one of the IT/IS/CS degree programs and complete the internship within one semester.

Before undertaking an internship the student must meet the following criteria:

- a. Satisfactory completion of course work up to the start of the internship. That is the student cannot be on academic probation.
- b. Demonstrate to the Computing Science Faculty, maturity and the ability to satisfactorily represent the College in the computing Science work place.
- c. Secure the approval of the internship coordinator (instructor) and the student's advisor.

Specifically, the following activities must be performed and documents completed for successful course completion.

- a. Participation and observation by the student in a Computing Science work environment. He/she will be expected to perform duties prescribed and defined by the site manager and related to the approved job description. The student will reflect upon and document his/her duties and observations through frequent entries in a journal. This journal will become an integral part of the student's final evaluation of the internship experience.
- b. An oral presentation of the Internship experience to faculty and CS students is a course requirement.
- c. Written evaluations of the intern's performance on the job by the on-site supervisor are to be completed at the end of the internship. This evaluation is to be submitted to the Internship Coordinator and become part of the evaluation of the internship experience.

- d. A written job description outlining the activities included in the internship must be submitted to the internship coordinator **prior** to the beginning of the internship for approval.
- e. Completion of the following agreement between the student, FLCC and the internship provider before the internship experience begins is required.

Computer Science Internship Course Agreement

For the Student

In accepting an internship position, I am fully aware of and willing to honor my obligations as expressed by the following agreement:

1. I agree to complete 225 hours of this student internship course beginning _____ and ending _____.
2. I agree to abide by all rules and regulations of **FLCC**.
3. I understand this program does not constitute a promise of full-time employment by FLCC or the internship sponsoring company, upon completion of the internship.
4. I agree to complete a journal which is to be included as part of my final evaluation of my internship experience. This evaluation includes, in addition to the journal, an oral presentation to the Computing Science Faculty, and a written evaluation by the internship site supervisor.
5. I agree to inform the internship coordinator and my advisor of any situations that may interfere with proper performance or my ability to complete the internship.
6. I will register for this course and pay the appropriate fees.
7. I will not terminate my internship prior to contacting my faculty advisor and the internship coordinator.

For the Employer

In accepting the student as an intern in my computing work environment, I am fully aware of and willing to honor my obligations as expressed in the following agreement:

1. I agree to accept [insert name of student] for minimum of **225 hours** of student internship course work beginning _____ and ending _____.

2. I have informed the student of the appropriate policies and procedures of our organization and provided a written outline of the activities and duties involved in this internship experience.
3. I agree to give the student a quality internship experience and whenever possible, provide the student as much exposure as reasonable to the overall operation of the organization and the computing work environment.
4. I agree to evaluate the student at midpoint and at the end of the internship and understand that forms will be provided.
5. The employer retains all rights of terminating the internship contract.

Student Signature

Date

Faculty Signature

Date

Internship Site Supervisor

Date

Employer Signature

Date