

**Date: October 2005**

- I. Course Name:** Computing Sciences Internship  
**Prefix and Number:** CSC 250  
**Credit Hours and Contact Hours:** 3 credit hours - 3 contact hours  
**Course Description:**

The Computing Science Internship will provide the student with an opportunity to gain “real-world” experience. The student will apply learned skills acquired through course work in any of the computing science degree programs to a work experience. The internship will also supply an awareness of career opportunities in the computing science and information technology fields. Lastly, it will give the student a much needed advantage on acquiring a job after graduation because an internship is a full-time work experience. Student must have a 2.0 GPA.  
 Prerequisite: CSC 226.

## **II. Course Outcomes and Objectives**

### **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.

### **Relationship to Academic Programs and Curriculum**

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

### **Competencies addressed in this course.**

Writing  
 Oral Communication  
 Reading  
 Computer Literacy  
 Problem Solving and Critical Thinking  
 Ethics and Values  
 Professional Competency

## **III. Methods of Instruction**

**Types of Course Materials**

See Section IV Outline

**Methods of Instruction**

See Section IV Outline

**Assessment Measures**

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.

**Methods of Evaluation**

See Section IV Outline

**IV. General Outline of Topics Covered**

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.