

## **CSCI 3185 - INTERNSHIP IN COMPUTING**

**CREDIT HOURS:** 1-3

**PREREQUISITES:** Advanced standing as a major or minor in the Department of Computer Science with a C or better in CSCI 3302, overall grade point average of 2.5 or higher, computer science grade-point average of 2.5 or higher, and consent of the CSCI 3185 course supervisor.

**LIMITATIONS:** May be repeated for a total of three hours credit. Pass or Fail. No more than 3 hours of internship (CSIT 3185, CSCI 3185) may count toward a bachelor's degree in the Department of Computer Science.

### **CATALOG DESCRIPTION**

Supervised on-the-job training in one or more facets of the field of computer science. May be repeated to a total of three hours credit. Pass or Fail. No more than 3 hours of internship (CSIT 3185, CSCI 3185) may count toward a bachelor's degree in the Department of Computer Science.

### **PURPOSE OF COURSE**

To encourage majors and minors to obtain employment, and therefore experience, in computing while working toward their college degree, thereby improving their learning experiences and capabilities for performing as computing professionals.

### **EDUCATIONAL OBJECTIVES**

Upon successful completion of the course, students should be able to:

1. Engage in supervised on-the-job training in one or more facets of the field of computer science.
2. Interact with full-time computing professionals at managerial, journeyman, and entry levels, in the employer's environment.
3. Establish a professional relationship with the employer that may lead to a full-time professional position.
4. From the employing supervisor, receive a managerial appraisal of performance that becomes a part of the official record of the internship course completion; a form for this purpose is provided to the employing supervisor.
5. At the end of the internship period, develop a written report describing the duties performed, learning experiences, hours worked, and suggestions for improving the handling of the course.

### **COURSE CALENDAR**

This is not a classroom course, but an experiential course. The working hours / credit hours relationship depends upon the type of position and the number of hours worked per week. Ordinarily, at least 300 working hours during the term yield three credit hours; 200 hours would yield two credit hours; and 100 hours yields one credit hour. In addition to working hours, students are required to submit periodic work logs, a written report describing the duties performed and learning experiences, and concludes with a final oral presentation.

## **CONTENT**

This is not a classroom course, but an experiential course that involves the following responsibilities.

### **STUDENT RESPONSIBILITIES**

1. Obtain employment in a position that involves direct work with computing equipment, and/or computer programming. The job need not be in Nacogdoches. The course supervisor will approve or disapprove the position on the application form.
2. Complete the application form obtained from Internship Director and submit it with a copy of your transcripts to the Internship Director prior to registration and prior to the time you are performing work for which you wish to receive internship credit.
3. Register for CSCI 3185 only if your application and position have been approved. Notice of approval should be received from Internship Director, usually one or two days after application is submitted.
4. Perform duties of position as required by company.
5. Attend one or two CSCI 3185 group meetings during semester as announced by Internship Director (you will be contacted about the meeting). This requirement may be waived for those employed outside the Nacogdoches area.
6. Before dead week present a brief written report to the Internship Director, in a format dictated by the Internship Director, describing the duties performed, learning experiences, hours worked, and suggestions for improving the handling of the course. An oral presentation before the computer science club or another selected group is also usually required.
7. Ask your work supervisor to complete the attached performance appraisal form and return it with a cover letter of recommendation by mail to the Internship Director.

### **INTERNSHIP DIRECTOR (CSC FACULTY MEMBER) RESPONSIBILITIES**

1. Counsel with students when necessary.
2. Meet with CSCI 3185 students, as a group, once or twice per semester.
3. Coordinate activities with employers.
4. Assign course grade, Pass or Fail, based on employer performance appraisal, student's final report, and student's presentation.

### **GENERAL**

The working hours / credit hours relationship depends upon the type of position and the number of hours worked per week. Ordinarily, at least 100 working hours yield one credit hour. Deviations in the working hour-credit relationship must be approved in advance by the internship director.

Failure of CSCI 3185 during a semester should disqualify the student from further enrollment in the course.