

COURSE DESCRIPTION

Dept., Number	CSC 195	Course Title	Fieldwork in Computer Science
Semester hours	1-4	Course Coordinator	Varies
		URL (if any):	

Catalog Description

Directed observations and work experience in computer science with firms in the industry or public agencies. Supervision is provided by the instructional staff and the cooperating agencies. Note: faculty approval is required. May be repeated for credit. Graded Credit/No Credit.

Textbook

No textbook required.

References

Field Work Guidelines, available from the Sa State Computer Science Department.

Course Goals

To provide students with valuable work experience and an opportunity to apply what they have learned in the classroom to real world situations.

Prerequisites by Topic

None.

Major Topics Covered in the Course

Credit is given only for the following types of work:

1. Programming work that includes programming analysis, implementation, and testing through acceptance.
2. Systems analysis, design and development.
3. Internship programs with specific learning objectives identified in a computer-related area, subject to approval by the department.

Students work a minimum of 15 weeks with a sponsoring organization. The unit assignment and work are as follows:

3 units	40 hours/week
2 units	30 hours/week
1 unit	20 hours/week

Laboratory Projects

None.

Estimated Curriculum Category Content (Semester hours)

<i>Area</i>	<i>Core</i>	<i>Advanced</i>	<i>Area</i>	<i>Core</i>	<i>Advanced</i>
Algorithms			Data Structures		
Software Design			Prog. Languages		
Comp. Arch.					

Oral and Written Communications

Every student is required to submit at least one written report of typically three pages. No oral presentations are required.

Social and Ethical Issues

No significant component.

Theoretical Content

No significant component.

Problem Analysis

No significant component.

Solution Design

No significant component.

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