

**CS 49 Course Outline as of Fall 2017****CATALOG INFORMATION**

Dept and Nbr: CS 49 Title: INDEPENDENT STUDY IN CS  
 Full Title: Independent Study in Computer Studies  
 Last Reviewed: 3/27/2023

Units	Course Hours per Week		Nbr of Weeks		Course Hours Total	
Maximum	3.00	Lecture Scheduled	0	17.5	Lecture Scheduled	0
Minimum	1.00	Lab Scheduled	0	2	Lab Scheduled	0
		Contact DHR	1.00		Contact DHR	17.50
		Contact Total	1.00		Contact Total	17.50
		Non-contact DHR	8.00		Non-contact DHR	140.00

Total Out of Class Hours: 0.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable  
 Grading: Grade Only  
 Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP  
 Also Listed As:  
 Formerly: CIS 49

**Catalog Description:**

Special projects by arrangement to provide for independent study and an enriched academic experience for continuing and advanced students. UC determines credit AFTER transfer; not counted for admission. (See a counselor for details.)

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

**Limits on Enrollment:**

Approval of the project proposal by sponsoring faculty, Department Chair and Supervising Administrator.

**Schedule of Classes Information:**

Description: Special projects by arrangement to provide for independent study & an enriched academic experience for continuing and advanced students. UC determines credit AFTER transfer; not counted for admission. (See a counselor for details.) (Grade Only)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment: Approval of the project proposal by sponsoring faculty, Department Chair and Supervising Administrator.

Transfer Credit: CSU;UC.

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>	Transferable	Effective: Fall 1981	Inactive:
<b>UC Transfer:</b>	Transferable	Effective: Fall 1981	Inactive:

### **CID:**

#### **Certificate/Major Applicable:**

Not Certificate/Major Applicable

## **COURSE CONTENT**

### **Student Learning Outcomes:**

At the conclusion of this course, the student should be able to:

1. Student will be able to:

Since the purpose of the course is to afford students the opportunity for advanced, concentrated studies in Computer Studies appropriate to their own unique focus and circumstances, or in areas not covered by other courses in the curriculum, student learning outcomes will vary depending on the nature of individual student projects.

### **Objectives:**

At the conclusion of this course, the student should be able to:

1. Demonstrate successful completion of the goals determined by consultations between student and instructor.

### **Topics and Scope:**

To be determined by consultations between student and instructor.

### **Assignment:**

To be determined through consultations between student and instructor.

Examples:

Programming project written in a programming language currently taught in CS classes.

Advanced Photoshop project creating a series of images and working with a print shop to produce a booklet.

Designing and implementing a complex Access or Filemaker database.

### **Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, user and technical documentation

Writing  
20 - 50%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems, production and design of product

Problem solving  
20 - 50%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, performance exams, apply skills in design product

Skill Demonstrations  
20 - 50%

**Exams:** All forms of formal testing, other than skill performance exams.

None

Exams  
0 - 0%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

None

Other Category  
0 - 0%

**Representative Textbooks and Materials:**

To be determined through consultations between student and instructor.