

ELEC 98 Course Outline as of Fall 2019**CATALOG INFORMATION**

Dept and Nbr: ELEC 98 Title: INDEPENDENT STUDY

Full Title: Independent Study in Electronic Technology

Last Reviewed: 5/8/2023

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	4	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:

Catalog Description:

Independent study on a chosen area of electronic or mechatronic technology through independent study and research.

Prerequisites/Corequisites:**Recommended Preparation:****Limits on Enrollment:**

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

Schedule of Classes Information:

Description: Independent study on a chosen area of electronic or mechatronic technology through independent study and research. (Grade Only)

Prerequisites/Corequisites:

Recommended:

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

Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree:	Area	Effective:	Inactive:
CSU GE:	Transfer Area	Effective:	Inactive:

IGETC:	Transfer Area	Effective:	Inactive:
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CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:
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UC Transfer:		Effective:		Inactive:
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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. Expand their knowledge base in a chosen area of Electronic or Mechatronic Technology through independent study and research.

Objectives:

During this course, the student will:

1. Perform research on a topic of their choice in the field of Electronic or Mechatronic Technology.
2. Present the results of their research in written, visual, and/or oral form.

Topics and Scope:

Varies with the student based on the their special interests and abilities.

Assignment:

As agreed upon in the student's proposal for the study.

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.

Specified in student's proposal.

Writing 5 - 100%

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

Specified in student's proposal.

Problem solving
0 - 95%

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

Specified in student's proposal.

Skill Demonstrations
0 - 95%

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

Specified in student's proposal.

Exams
0 - 95%

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

Specified in student's proposal.

Other Category
0 - 95%

Representative Textbooks and Materials:

Instructor prepared materials