

CEST 98 Course Outline as of Fall 2023**CATALOG INFORMATION**

Dept and Nbr: CEST 98 Title: INDEPENDENT STUDY
 Full Title: Independent Study in Civil and Surveying Technology
 Last Reviewed: 11/14/2022

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	5	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: CET 98

Catalog Description:

In this course students will perform independent study on a chosen area of civil engineering, surveying or geospatial technology through independent study and research.

Prerequisites/Corequisites:**Recommended Preparation:****Limits on Enrollment:****Schedule of Classes Information:**

Description: In this course students will perform independent study on a chosen area of civil engineering, surveying or geospatial technology through independent study and research. (Grade Only)

Prerequisites/Corequisites:

Recommended:

Limits on Enrollment:

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:
CSU Transfer:	Transferable	Effective:	Fall 1981	Inactive:	
UC Transfer:		Effective:		Inactive:	

CID:

Certificate/Major Applicable:

Both Certificate and 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 civil engineering, surveying or geospatial technology through independent study and research.

Objectives:

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

1. Design a civil engineering, surveying, or geospatial technology-related independent study project
2. Perform research, analysis, problem solving, field and office work, relevant to the project
3. Present the results of the study in written, visual, and/or oral format

Topics and Scope:

Topics, scope, and sequence will depend on the specific subject material to be proposed.

Assignment:

Specific project will be arranged by agreement of both student and instructor involving a project with written deliverables, oral presentations, and/or field work.

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.

Project with written deliverables

Writing 1 - 100%

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

None

Problem solving
0 - 0%

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

None

Skill Demonstrations
0 - 0%

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.

Project with oral presentation or fieldwork

Other Category
0 - 99%

Representative Textbooks and Materials:

Instructor prepared materials