

CEST 98 Course Outline as of Fall 2017**CATALOG INFORMATION**

Dept and Nbr: CEST 98 Title: INDEPENDENT STUDY
 Full Title: Independent Study in Civil and Surveying Technology
 Last Reviewed: 2/13/2017

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:

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: 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:

Upon completion of the course, students will 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:

In order to achieve these learning outcomes, during the course the students will:

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 presented.

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