

CET 63 Course Outline as of Fall 1981**CATALOG INFORMATION**

Dept and Nbr: CET 63 Title: SUBDIV PLANNING

Full Title: Subdivision Planning

Last Reviewed: 1/25/2021

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	2.00	17.5	Lecture Scheduled	35.00
Minimum	3.00	Lab Scheduled	3.00	17.5	Lab Scheduled	52.50
		Contact DHR	0		Contact DHR	0
		Contact Total	5.00		Contact Total	87.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 70.00

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:

Purpose and objectives of subdivision regulations with emphasis on preparation of tentative and final subdivision maps, development of improvement plans and construction and surveying techniques.

Prerequisites/Corequisites:

Civil Engineering Technology 53 and Construction Management Technology 81 or their equivalents with grades of "C" or better

Recommended Preparation:**Limits on Enrollment:****Schedule of Classes Information:**

Description: Preq: CET 53 & Cons 81, or equiv, with "C" or better. Surveying, calculations & drafting techniques applicable to subdivision design. (Grade only) COURSE RENUMBERED TO CEST 63 - 94/95. (Grade Only)

Prerequisites/Corequisites: Civil Engineering Technology 53 and Construction Management Technology 81 or their equivalents with grades of "C" or better

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:
Certificate Applicable Course

COURSE CONTENT

Outcomes and Objectives:

The students will:

1. List the functions and responsibilities private and public agencies involved in the subdivision planning process and approval.
2. List and define the differences between a major and minor subdivision as defined by Subdivision Map Act and local ordinances.
3. Prepare a tentative map according to local regulations.
4. Calculate the missing data to complete a final map.
5. Estimate the materials needed to develop a cost to construct a small subdivision from improvement plans.

Topics and Scope:

1. Purpose and objectives of zoning, subdivision, and building regulations.
2. Land development and planning process.
3. Subdivision Map Act and local control.
4. Subdivision map process.
5. Mathematics used in land planning.
6. Tentative and final maps.
7. Improvement plans and specifications.
8. Design considerations; utilities, roads, grading, and drainage.
9. Project cost feasibility studies.

Assignment:

Reading and projects related to:

1. Residential planning and development.

2. Types of zoning and local control.
3. Functions and responsibilities of:
 - A. Developer.
 - B. Planners and engineers.
 - C. Local authority.
 - D. Public.
4. Preparation of tentative maps.
5. Final maps and related calculations.
6. Preparation of improvement plans.
7. Plan checking process.
8. Costing and estimating projects.
9. Inspection and record drawings.

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.

Essay exams

Writing 10 - 15%

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

Homework problems, PROJECTS

Problem solving 20 - 30%

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

Performance exams, PROJECTS

Skill Demonstrations 20 - 40%

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

Matching items, Completion

Exams 10 - 20%

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

None

Other Category 0 - 0%

Representative Textbooks and Materials:

THE COMPLETE MANUAL OF LVEL PLANNING AND DEVELOPMENT by Brewer and Alter; Prentice Hall.