CONS 250B Course Outline as of Fall 2005

CATALOG INFORMATION

Dept and Nbr: CONS 250B Title: INTRO TO E, M, & P CODES
Full Title: Introduction to Electrical, Mechanical and Plumbing Codes
Last Reviewed: 10/24/1988

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

Total Out of Class Hours: 105.00 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:
Introduction to the Electrical, Mechanical, and Plumbing Codes, as selected, to help prepare student for ICBO Certification Examination.

Prerequisites/Corequisites:
Course Completion of CONS 80A OR Course Completion of CONS 60 (or CONS 270 or CONS 370 or CONS 82)

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Intro to the Electrical, Mechanical and Plumbing Codes. Assists students to qualify for ICBO combination test for certification. (Grade Only)
Prerequisites/Corequisites: Course Completion of CONS 80A OR Course Completion of CONS 60 (or CONS 270 or CONS 370 or CONS 82)
Recommended:
Limits on Enrollment:

Transfer Credit:
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:	Effective:	Inactive:
UC Transfer:	Effective:	Inactive:

CID:

Certificate/Major Applicable:
Both Certificate and Major Applicable

COURSE CONTENT

Outcomes and Objectives:
The students will:
1. Interpret provisions of the Electrical, Mechanical and Plumbing Codes.
2. Apply the requirements of these Codes to drawings.
3. Apply provisions of these Codes to inspection procedures.

Topics and Scope:

1. Code organization and enforcment.
2. Definitions.
3. Office preparation.
4. Electrical topics.
5. Mechanical topics.
6. Plumbing topics.
7. Inspection requirements.

Assignment:

1. Readings and exercises.

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.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.	Writing 0 - 0%

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

Homework problems, Quizzes, Exams	Problem solving 25 - 50%

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

Class performances, Performance exams	Skill Demonstrations 25 - 50%

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

Multiple choice, True/false, Matching items, Completion	Exams 25 - 50%

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

None	Other Category 0 - 0%

Representative Textbooks and Materials:
Building Codes - latest editions.