

**CONS 250B Course Outline as of Fall 2011****CATALOG INFORMATION**

Dept and Nbr: CONS 250B Title: INTRO TO E, M, &amp; 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:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:

<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
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<b>CSU Transfer:</b>	Effective:	Inactive:
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<b>UC Transfer:</b>	Effective:	Inactive:
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**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 enforcement.
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.