

SAN DIEGO COMMUNITY COLLEGE DISTRICT
CONTINUING EDUCATION
COURSE OUTLINE

SECTION I

SUBJECT AREA AND COURSE NUMBER

ENGE 699

COURSE TITLE

EMERGING TOPICS-ENGINEERING

TYPE COURSE

NON-FEE

VOCATIONAL

CATALOG COURSE DESCRIPTION

This course examines emerging topics and technologies in the field of Engineering and Related Industrial Technologies. May be offered for two semesters only. (FT)

LECTURE/LABORATORY HOURS

108

ADVISORIES

NONE

RECOMMENDED SKILL LEVEL

NONE

INSTITUTIONAL STUDENT LEARNING OUTCOMES

1. Social Responsibility
SDCE students demonstrate interpersonal skills by learning and working cooperatively in a diverse environment.
2. Effective Communication
SDCE students demonstrate effective communication skills.

INSTITUTIONAL STUDENT LEARNING OUTCOMES (CONTINUED)

3. Critical Thinking
SDCE students critically process information, make decisions, and solve problems independently or cooperatively.
4. Personal and Professional Development
SDCE students pursue short term and life-long learning goals, mastering necessary skills and using resource management and self-advocacy skills to cope with changing situations in their lives.

COURSE GOALS

ESLRs

1. SDCE students will demonstrate interpersonal skills by learning and working cooperatively in a diverse environment.
2. SDCE students will be effective communicators and listeners.
3. SDCE students will process information independently and cooperatively.
4. SDCE students will pursue life-long learning to adapt to changing conditions and to fulfill their roles as individuals, family members, workers and community members.
5. SDCE students will demonstrate learning gains or competencies relevant to their needs and course objectives.

COURSE GOALS (CONTINUED)

The goals of this course will vary depending on the special topic. They will, however, relate directly to the subject, objectives and course content contained in the course outline submitted to the CET Instructional Services Office prior to the course being offered.

COURSE OBJECTIVES

Upon successful completion of the course the student will be able to:

1. Identify and describe terms appropriate to the course content.
2. Prepare assignments as directed by the instructor.
3. Complete at an acceptable level of competence all quizzes, tests, and projects as assigned by the instructor.

SECTION II

COURSE CONTENT AND SCOPE

The course content of this course will vary depending on the special topic. They will, however, relate directly to the subject and objectives contained in the course outline (the outline must be

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“integrated”) submitted to the CET Instructional Services Office prior to the course being offered.

APPROPRIATE READINGS

Reading assignments will vary according to the special topic, but must be included in the course outline submitted to the CET Instructional Services Office prior to the course being offered.

WRITING ASSIGNMENTS

Writing assignments will vary according to the special topic, but must be included in the course outline submitted to the CET Instructional Services Office prior to the course being offered.

OUTSIDE ASSIGNMENTS

Outside assignments will vary according to the special topic, but must be included in the course outline submitted to the CET Instructional Services Office prior to the course being offered.

APPROPRIATE ASSIGNMENTS THAT DEMONSTRATE CRITICAL THINKING

Appropriate critical thinking assignment will vary according to the special topic, but must be included in the course outline submitted to the CET Instructional Services Office prior to the course being offered.

EVALUATION

Methods of evaluation may include, but not be limited to, the following:
Class participation, quizzes, tests, homework assignments, projects, and other evidence of critical thinking as required by the instructor.

NOTE: In accordance with District Policy, Instructors are required to provide the students, in writing, the specific competencies to be demonstrated and the methods and criteria by which they will be evaluated. These methods must be consistent with the course goals/objectives and must be included in a course syllabus and presented to each student.

METHOD OF INSTRUCTION

Methods of instruction may include, but not be limited to, the following: Lectures, laboratory activities, discussion, small-group activities, visual aids, homework, problem solving exercises, guest lectures and field trips.

TEXTS AND SUPPLIES

The required text, supplemental reading materials and supplies will vary according to the special topic, but must be specified in the course outline submitted to the CET

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Instructional Services Office prior to the course being offered. In addition any required text must be specified in the course syllabus presented to each student.

PREPARED BY: James Smith DATE: 4/21/02

REVISED BY: _____ DATE: _____

Instructors must meet all requirements stated in Policy 3100 (Student Rights, Responsibilities and Administrative Due Process), and the Attendance Policy set forth in the Continuing Education Catalog.

REFERENCES:

San Diego Community College District Policy 3100
California Community Colleges, Title 5, Section 55002
Continuing Education Catalog