

## COURSE OUTLINE

Revision: Loc Nguyen, February 2008

DEPARTMENT:	Engineering & Engineering Technology
CURRICULUM:	Engineering & Engineering Technology
COURSE TITLE:	Special Topics in Engineering
COURSE NUMBER:	ENGR 298
TYPE OF COURSE:	Technical Preparatory
COURSE LENGTH:	1 quarter
CREDIT HOURS:	Variable 1 to 5
LECTURE HOURS:	1 to 10
LAB HOURS:	1 to 110
CLASS SIZE:	Variable
PREREQUISITES:	Instructor's permission

## COURSE DESCRIPTION:

A special course on an individual or group study basis in the Engineering related field

## STUDENT LEARNING OUTCOMES ADDRESSED:

Due to the nature of this course, i.e., a course designed for specific requirements, the following are important components;

1. Technology - Use appropriate technology as determined
2. Information Literacy – Access and use technical manuals as required
3. Personal Responsibility – Be motivated to meet requirements of the course as specified.
4. Computation – Apply quantitative skills.

ENGR 299 Independent Study  
February 2008

GENERAL COURSE OBJECTIVES:

To be determined by contracting parties with SSCC.

TOPICAL OUTLINE:

APPROX. HOURS

To be determined by agreement between requesting party and SSCC. Variable

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DATE: February 2008

ENGR 298

Course Prefix and Number: ENGR 298

Course Title: Special Topics

SLO #	Included in Course Objective Number	SSCC Student Learning Outcomes
SLO 1.1	*	Communication - Read and listen actively
SLO 1.2	*	Communication - Speak and write effectively
SLO 2.1	*	Computation - Use mathematical operations
SLO 2.2	*	Computation - Apply quantitative skills
SLO 2.3	*	Computation - Identify, interpret, and utilize higher level mathematical and cognitive skills
SLO 3.1	*	Human Relations - Use social interactive skills to work in groups effectively
SLO 3.2	*	Human Relations - Recognize the diversity of cultural influences and values
SLO 4.1	*	Critical Thinking and Problem Solving -
SLO 5.1	*	Technology - Select and use appropriate technological tools
SLO 6.1	*	Personal Responsibility - Be motivated and able to continue learning and adapt to change
SLO 6.2	*	Personal Responsibility - Value one's own skills, abilities, ideas and art
SLO 6.3	*	Personal Responsibility - Take pride in one's work
SLO 6.4	*	Personal Responsibility - Manage personal health and safety
SLO 6.5	*	Personal Responsibility - Be aware of civic and environmental issues
SLO 7.1	*	Information Literacy - Access and evaluate information
SLO 7.2	*	Information Literacy - Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society

\*Variable. It depends on the topic taught.

PREPARED BY: Mike Steffancin  
DATE: May 2008