

COURSE OUTLINE

Revision: Loc Nguyen - Date: February 2009

DEPARTMENT:	Engineering Technology
CURRICULUM:	Drafting & Design Technology
COURSE TITLE:	Technology Specialty Concentration
COURSE NUMBER:	TDR 299
TYPE OF COURSE:	Vocational Preparatory
COURSE LENGTH:	1 quarter
CREDIT HOURS:	1 to 10
LECTURE HOURS:	11 to 110
LAB HOURS:	0 to 110
CLASS SIZE:	Varies
PREREQUISITES:	Instructor's permission

COURSE DESCRIPTION:

This course has been designed to accommodate corporations or individuals who wish to learn new or up-date specific skills. Agreements or contracts will be created with the requesting party and SSCC.

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.

PROGRAM OUTCOMES ADDRESSED

- 1 Ability to apply knowledge of mathematics and scientific principles to technical engineering/drafting problems.
- 2 Ability to analyze and interpret data.
- 3 Ability to think critically in evaluating information, solving problems, and making decisions.
- 4 Ability to function on diverse, multi-disciplinary teams.
- 5 Ability to access and evaluate information from a variety of sources, including the Internet.
- 6 Understand professional and ethical responsibility.
- 7 Ability to communicate effectively with written, oral, and visual means.
- 8 Recognize the need for and ability to engage in life-long learning.
- 9 Ability to use modern technical engineering techniques, skills, and technology, including computing tools necessary for technical engineering/drafting practice.

GENERAL COURSE OBJECTIVES:

To be determined by contracting parties with SSCC.

TOPICAL OUTLINE:

To be determined by agreement between requesting party and SSCC.

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