



Curriculum Guide Revisions

Revised 9/30/08

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T355, T455 Industrial Cooperative Education 1 & 2 - DROPPED

Revised 10/01/08

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L-164 Spanish Enrichment for Freshmen - DROPPED

Revised 12/09/08

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T202 Introduction to Engineering Design

Introduction to Engineering Design is an introductory course which develops student problem solving skills with emphasis placed on the development of three-dimensional solid models. Students will work from sketching simple geometric shapes to applying a solid modeling computer software package. They will learn a problem solving design process and how it is used in industry to manufacture a product. They learn how to apply this model to solve problems in and out of the classroom. The Computer Aided Design System (CAD) will also be used to analyze and evaluate the product design. An emphasis is placed on analyzing potential solutions and communicating ideas to others. The techniques learned, and the equipment used, is state of the art and is currently used by engineers throughout the United States.

LEVEL: 2,3,4

One year

One unit

PREREQUISITE: Concurrent enrollment in M217 Geometry or higher