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Computer Aided Design

(Intermediate)

ENE-30 Computer Aided Design (CAD) (3) *

Prerequisites: -1A

This course is designed to provide the student with the skills and knowledge necessary to use computer-aided design (CAD) software to create 2D and 3D models of mechanical parts and assemblies. The student will learn the fundamentals of CAD, including sketching, modeling, and rendering. The student will also learn how to use CAD to create technical drawings and to simulate the behavior of mechanical parts and assemblies.

ENE-21 Drafting (3) *

This course is designed to provide the student with the skills and knowledge necessary to create technical drawings of mechanical parts and assemblies. The student will learn the fundamentals of drafting, including sketching, dimensioning, and projection. The student will also learn how to use drafting software to create technical drawings and to simulate the behavior of mechanical parts and assemblies.

Prerequisites: A

DF /ELE/ENE-27 Computer Aided Design (3)

ENE-41 Engineering Graphics (3) *

Prerequisites: A -36 i C C i

Prerequisites: i i



* This course is required for the Mechanical Engineering program.

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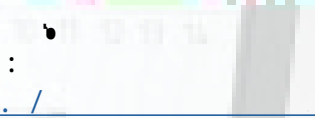
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