



*Course Description:*

**CADD-132 - Using Mechanical Desktop Units: 3 - 6**

Mechanical Desktop is an integrated CADD package of advanced 3D modeling tools, and 2D drafting and drawing capabilities that help you conceptualize, design, and document mechanical products. This course is an advanced Computer Aided Drafting and Design (CADD) course where the students will learn to use Mechanical Desktop software.

Lecture Hours: 2 - 4      Lab Hours: 4 - 8      Repeatable: 1      Grading: O

Credit by Exam: Yes

Prerequisite: CADD 131

CAN: None

Advisory Level:      Read: None      Write: 2      Math: None

Transfer Status: CSU      Degree Applicable: AA/AS

CSU GE: None      District GE: None      IGETC: None

*Learning Outcomes:*

1. Create 3-D parametric solid parts.
2. Create annotated multiview detail and assembly drawing.
3. Analyze a single part design to determine the appropriate methods necessary to create the part.
4. Create an assembly of 3-D parametric parts.
5. Combine a variety of solid, surface, and wireframe drawing techniques to create parts and assemblies.
6. Perform a variety of editing functions when creating parts and assemblies.