



2D CAD Mechanical

Event Specifications

| | |
|---|--|
| FRESNO CITY COLLEGE EVENT CONTACT For any specific event questions, please contact: | |
| NAME: | James Thornburgh |
| EMAIL ADDRESS: | James.thornburgh@fresnocitycollege.edu |

SCOPE OF CONTEST

2D CAD will start at 9:30 AM and end at 10:30 AM. Contestant will be given a mechanical drafting problem especially chosen for 2D Computer-Aided Drafting

NUMBER OF COMPETITORS

Individual event, limited to 30 competitors.

Fresno ROP reserves the right to modify enrollment due to limited spaces available

RULES AND PROCEDURES

The problems will test the contestant's skills and knowledge of the following CAD issues:

- Layers
- Geometry Creation
- Modifying Geometry
- Layouts
- Annotations
- Viewport & Annotative Scales
- Measure Command

The drawing requirements may include, but are not limited to, the above areas. Necessary problem background information, drawing requirements and reference materials will be provided.

JUDGING CRITERIA

Judging will be done by qualified drafting professionals currently working in the industry and Fresno City College CADD students.

Drawings will be returned to the instructors after the competition. The grading criteria is printed at the bottom of the problem so each contestant is aware of exactly what the judges will be looking for during judging, (judges

are unable to write comments on entries due to time constraints).

EQUIPMENT AND MATERIALS

1. Supplied by the Career Skills Challenge:
 - a. Computer workstation using Windows 11
 - b. AutoCAD 2025
 - c. 2 button wheel mouse