

AutoCAD Planner

ABOUT

This category allows Civil Engineering students to display their very best technical drawings. This category is for 2D CAD drawings. You can enter a multi-view drawing. This is a display of the students' ability to create technical drawings, not their design ability. Judges will base their scores on: neatness, completeness, difficulty, ANSI standards, and drawing skills.

DETAILS

Judges will review all projects on display. The judges will award points based on the size, completeness, difficulty, ANSI standards, and drawing skills.

A perfect score will be 40 points. Judges will use scoring rubrics in the evaluation process.

40 points. Judging Rubric for: 2d Technical Drawing

CRITERIA	ENTER SCORE HERE	9 – 10 points	7 – 8 points	5 – 6 points	0 – 4 points
Project Size/ Completeness		Drawing is very detailed/complex. There are many features on the part. The drawing has no missing lines, dimensions, or other drafting features	Drawing is somewhat detailed/complex. There are many features on the part. The drawing has few missing lines, dimensions, or other drafting features.	Drawing is not detailed/complex. There are few features on the part. The drawing has some missing lines, dimensions, or other drafting features.	Drawing is not detailed/complex. There very few features on the part. The drawing has many missing lines, dimensions, or other drafting features
Degree of Difficulty		The drawing has advanced features such as additional views, auxiliary views, section views, detail views, or other complex features.	The drawing has an advanced feature such as additional views, auxiliary views, section views, detail views, or other complex features.	The drawing has no advanced features but has marginally complex features.	The drawing is below average with minimal detail.

Drawing Standards		All ANSI standards will are included where all drawings contain correct: orthographic projection, view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders and are neat with an excellent overall visual presentation.	Most ANSI standards are included in , view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders and are neat with an average overall visual presentation	Some ANSI standards are included in view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders. The visual presentation is below average.	Many ANSI standards are missing in view selection, line weight and line style usage, dimensioning standards, use of scales, use of title blocks and borders. Overall visual presentation is poor.
Drawing Standards		The drawing(s) represents skills that reflect a thorough knowledge of CAD. Line weights and line styles are accurate. Geometry is accurately located	The drawing(s) represent an adequate knowledge of CAD. Line weights and line styles are mostly accurate and neat. Lines are mostly straight, square, and precise.	The drawing(s) represent an fair knowledge of CAD. Line weights and line styles are fairly accurate and neat. Lines are fairly straight, square, and precise.	The drawing(s) represent little knowledge of CAD. Line weights and line styles are not accurate or neat. Lines are not straight, square, and precise.

Date: 14th July 2018.

Time: 11:30am to 01:45pm

Fees of Event: - For IEI Member: 30/- per head.

For Non-IEI Member: 50/- per head.

Location: FF-22.

RULES

- Report before 20 minutes of competition start time
- Students must be of civil engineering branch
- There is only one round of 2 hours
- Student will not be allowed to go outside during those 2 hours
- All the students must be required complete drawing given time duration

CONTACTS

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