



2012 15th ANNUAL SKILLS MANITOBA COMPETITION CONTEST SCOPE

CONTEST NAME: 2 Dimensional CADD

CONTEST NO: N/A

LEVEL: Secondary (Open to Grade 9 and 10 students) – Maximum 8 competitors

CONTEST LOCATION: Red River College – Notre Dame Campus – J121/J123

CONTEST START TIME AND DURATION:
3 Hours, immediately after the opening ceremonies

PURPOSE OF CHALLENGE:
Assess the contestant's skills in performing drawing skills using Computer Aided Drafting and Design (CADD)

SKILLS AND KNOWLEDGE TO BE TESTED:
The contestant will be challenged with interpreting instructions, reading preliminary sketches and specifications, and creating sketches, presentation, and/or working drawings for a **small scale residential floor plan**.

POINT BREAKDOWN (1000 POINTS)
In the event of a tie in scoring, the tie will be broken by the judge's re-evaluation of the relevant documents of the tied competitors.

Accuracy of drawings

- Technical working drawing content
- Dimensioning to Architectural conventions
- Annotation
- Overall Drawing Scale

Cadd Utilization

- Layer Structure
- Appropriate Linetypes, Line weights, Colors
- Text and Dimension Styles
- Layout
- Block utilization and creation

Solution

Completeness
Elegance/Symmetry
Economics

EQUIPMENT, TOOLS, MATERIALS TO BE PROVIDED BY COMMITTEE:

Window compatible hardware loaded with Autodesk AutoCAD 2012

There will be a printer supplied on site for the use by contestants and for judging purposes

No software reference manuals, textbooks or electronic data, will be permitted for the duration of the competition

EQUIPMENT, TOOLS, MATERIALS TO BE SUPPLIED BY COMPETITOR:

The competitor will provide the following:

Scales (metric or imperial)

Calculator

Pencil and Paper

New or formatted USB Flash Memory Stick (No electronic files permitted)

WORKSITE SAFETY RULES / REQUIREMENTS:

N/A

FOR MORE INFORMATION PLEASE CONTACT:

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