



DSBN REGIONAL **ARCHITECTURAL CAD** SKILLS CHALLENGE 2021 SECONDARY LEVEL SCOPE

CHAIR: Brad Barter, Welland Centennial
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PURPOSE OF THE CONTEST: To challenge competitor's knowledge of architectural design

EVENT DETAILS:

Date: Monday, March 1 - March 12, 2021

Time: 4 hour period

Location: Individual Schools

SKILLS AND KNOWLEDGE TO BE TESTED:

In order to prepare students for the upcoming competitions, the challenge will be similar to the Provincial "Skills" competition. Competitors will be given an Architectural Design Project. Required drawings will include Floor Plan, Foundation Plan, one Front Elevations, and one Building Section.

SAFETY REQUIREMENTS and SUPERVISION

Teachers or another designate must supervise the student to ensure that safety is adhered to and to maintain the integrity of the competition. If a supply teacher is required, It is preferable to have the supply teacher supervise your student for the Challenge and you can remain with your class, this might not be possible for challenges where safety is a concern.

Other safety considerations: Competitors are required to follow all industry safety standards during the competition

EQUIPMENT, MATERIALS, TOOLS, AND SUPPLIES:

All Tools and Equipment must be Supplied by the Individual Contest Site:

- Software: AutoCAD, Autodesk Revit
- Calculator
- Loose paper, pencils/pens to sketch.
- Revit users are to start with DSBN default settings. To maintain design parity, AutoCAD users will be allowed to submit a file for blocks they wish to use by Monday Feb. 22, 2021 for approval from the Chair.

Materials Supplied Centrally:

Required Building Code sections will be emailed the week of February 22nd.

CLOTHING REQUIREMENTS:

Casual business attire must be worn with DSBN Technology T-shirts

JUDGING INSTRUCTION:

Competitors will be **identified by number** only and submissions will be judged by industry professionals.

Email completed files to brad.barter@dsbn.org using only the competitor number and drawing type as the filename for example: Competitor145_floorplan

JUDGING CRITERIA:

Judging criteria will be emailed to all registered student's teachers

ENTRY: Students must register online at <http://teched.dsbn.org/skills> with all of the required information completed to be eligible to participate.

TEACHER'S ROLE:

Instructors are expected to acquaint their student participants with all of the enclosed guidelines and **may not assist student competitors during the competition.**