



# **COMPETITION SCOPE**

## **15<sup>th</sup> Annual Nova Scotia Skills Competition**

Official Competition Name: **Architectural CADD**  
Competition Level: **Post Secondary**  
Competition Location: **NSCC Waterfront Campus**  
Competition Date: **April 5, 2012**

8:30 am – 9:00 am	Orientation
9:00 am – 11:30 am	Competition Part 1
11:30 am – noon	Break for lunch (mandatory)
noon – 3:00 pm	Competition Part 2

### **Purpose of Challenge**

Assess contestant's skills performing architectural design & drawing tasks.

### **Number of Stations**

20

### **Contest Description**

The project consists of the design of an Part 9 commercial multi-use building.

### **Skills and knowledge to be tested**

The skills to be tested are as follows:

- The ability to research the design of a commercial building.
- The ability to prepare sketches and develop computer-aided drawings using AutoCAD 2011 (or approved software).

The key themes covered will be:

- Architectural
- National Building Code Research
- Building Construction
- Knowledge of CAD software.
- Sketching, planning & presentation skills.

- The ability to apply the National Building Code / National Housing Code.
- Knowledge of commercial design & construction

### Equipment, tools, supplies, clothing:

- The organizing committee will provide the equipment and supplies necessary.
- Participants may bring any reference manuals they wish to use **excluding** electronic media.

National Building Code 2005 is a necessity.

- Only diskettes, flash drives, compact disks or any other portable digital media submitted during the contest will be authorized for on-site use.
- Contestants must supply all software if not using AutoCAD 2011, AutoCAD 2011-based software or Revit Architecture.
- Contestants must supply all equipment and software if not using Windows based software
- Alternate software users must notify the Technical Chair, Deborah Cunningham @ [deborah.cunningham@nsc.ca](mailto:deborah.cunningham@nsc.ca)

### Point Breakdown

Evaluation will be made on the following:

- Overall project presentation
- Accuracy of drawings
- Organization of work
- Compliance with design standards
- Compliance with building code standards
- Compliance with architectural standards
- Compliance with structural standards
- Speed / Efficiency

**Please note:** A more detailed evaluation grid will be used during the contest.

**Technical Committee Member and Judges:**

**Deborah Cunningham (Chair)**

Faculty -- Architectural Drafting

Nova Scotia Community College

Lunenburg Campus

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Judges will be appointed by the Committee and will consist of practitioners, former participants and NSCC Instructors.