

DATE	LOCATION
Friday, March 27, 2020	NSCC Ivany Campus

## 1. Schedule

Time	Task
8:00 am – 8:30 am	Orientation
8:30 am - 11:30 am	Competition, Part 1
11:30 am – 12:00 pm	Lunch (mandatory & provided)
12:00 pm – 3:00 pm	Competition, Part 2

## 2. Purpose of the Contest

To assess the contestant's skills performing building design and associated drawing tasks.

## 3. Criteria

Design a commercial, multi-use building to client requirements. National and provincial code research is integral to the successful completion of the design.

## 4. Number of Stations / Allocations

There are twenty (20) spaces available.

## 5. Skills & Knowledge to be Tested

- The ability to research the design of a commercial building;
- The ability to prepare sketches and develop computer-aided drawings using AutoCAD 2019 or Revit 2019 (or approved software);

The key themes covered will be:

- Knowledge of commercial design & construction;
- National Building Code research;
- Building construction;
- Knowledge of software;
- Sketching, planning & presentation skills.

## 6. Prerequisites

*SCNS Prerequisites*

- Enrolled in a community college, university or private school OR be registered as an apprentice with the Department of Labour and Advanced Education;
- Registered as a competitor with Skills Canada – Nova Scotia (SCNS);
- The competitor cannot be a certified journey-person;
- The competitor must possess a Canadian citizenship or landed immigrant status and be a resident of Nova Scotia. Competitors are responsible for verifying this information if requested;
- Have been earning post-secondary credits any time during the academic school year (September to June);
- All competitors must be able to show either current apprenticeship status and/or proof of enrollment in a post-secondary institution upon request of the Provincial Technical Committee (PTC) or SCNS.

## **7. Equipment & Clothing**

### **a) What Will Be Supplied**

- Computers with required software;
- Paper;
- National Building Code 2015.

### **b) What Competitors Must Supply**

- Participants may bring any reference manuals they wish to use, excluding electronic media;
- Contestants must supply software if not using AutoCAD or Revit;
- Contestants must supply all equipment and software if not using Windows based software;

Alternate software users must notify the Technical Chair, Kirby Reycraft

[kirby.reycraft@nsc.ca](mailto:kirby.reycraft@nsc.ca)

## **8. Evaluation & Judging Criteria**

- 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.

### **9. Additional Information**

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

### **10. PTC Contact Information**

(Chair) Kirby Reycraft – NSCC Ivany Campus [kirby.reycraft@nsc.ca](mailto:kirby.reycraft@nsc.ca)

(Co-Chair) Jeff Nash – Industry [jeff.c.nash@gmail.com](mailto:jeff.c.nash@gmail.com)