

**Date:** April 24<sup>th</sup>, 2021

**Location:** Yukon University

**Duration of contest:** Approx. 5 hours

## CONTEST INTRODUCTION

This contest will test one's ability to interpret plans, cut pieces for the projects, and assemble them using standard carpentry practices.

## SKILLS AND KNOWLEDGE TO BE TESTED

- Quality, accuracy, and attention to detail while performing tasks necessary to complete project.
- Site housekeeping
- Ability to safely work to deadline
- Pre-requisites: Work planning skills, ability to specifications includes (elevations, sections and details), ability to do in the safe use of hand and power tools.

## PROJECT DESCRIPTION

See Test Project document for blueprint.

- Project is to be built in metric measurement (plans will be metric only)
- Measuring and laying out components
- Cutting material
- Assembly of components
- Construction to be traditional framing methods
- Construction may consist of floor, wall, roof systems and finishing

# EQUIPMENT, MATERIAL, CLOTHING

## Equipment and material provided by Skills Canada Yukon:

- Safety Glasses
- Hearing protection
- 6 1/2" Cordless Circular Saws
- Cordless Drill & Impact Driver
- Cordless Jig Saw and blades
- 2 saw horses will be provided for each competitor
- A minimum 2 step ladder available
- All required building material and fasteners

COMPETITORS WILL BE REQUIRED TO USE THE MATERIAL AND EQUIPMENT PROVIDED BY SCY. ALL OTHER MATERIAL AND EQUIPMENT WILL BE REMOVED FROM THE SKILL AREA.

## Equipment and material provided by the competitor:

- Steel toed boots
- Appropriate construction clothing
- \*Pre programmed calculator are prohibited

Recommended but not limited:

- Carpenter's belt or apron
- Measuring tape (metric)
- Calculator (programmable allowed)
- Lead pencils and erasers
- Carpenter's hammer(s)
- Metric Framing square and stair gauges
- Combination square/speed square
- Chalk line
- Utility knife with blades
- #2 bit driver for drill (for #8, #10 Robertson screws)
- Cross cut hand saw
- Wood chisels
- Sliding T-bevel
- Cat's paw (nail puller)
- Pair of 6" speed clamps
- 1 - 18" speed clamp
- Nail sets
- No premade jigs, power tools accessories, or written notes are allowed

# SAFETY REQUIREMENTS

## 1. Safety workshop

Upon arrival at the Skill area, Competitors will participate in a Safety workshop and they will be expected to work and maintain a safe working area during the competition. Any Competitor breaking any health, safety and environmental rules, may be required to undertake a second safety workshop, this will not affect the Competitor's competition time.

## 2. Personal protective equipment (PPE) provided by Skills/Compétences Canada

- Hearing Protection
- Safety Glasses
- Safety glasses (mandatory to be worn at all times)

## 3. Personal protective equipment (PPE) provided by competitors

- CSA approved steel toed boots
- Hard Hats

**Note:** Competitors will not be allowed to compete if the above items are not brought.

# EVALUATION CRITERIA

| POINT BREAKDOWN                            | Secondary /100 | Post-Secondary /100 |
|--|----------------|---------------------|
| Safety                                     | 5              | 5                   |
| Floor framing                              | 15             | 15                  |
| Trim and finishes                          | 25             | 25                  |
| Roof framing                               | 30             | 30                  |
| Exterior structure                         | 20             | 20                  |
| Efficient use of materials/Professionalism | 5              | 5                   |