



**Limestone Skills Competition
2017
St Lawrence College**

**Carpentry - Individual
Secondary 2017**

Skills Competition Co-chairs: Mike Mol
Event Competition Chair: Pat Healey / Healpat@alcdsb.on.ca
Judges: TBA

Notes to the participant:

St Lawrence College- Wood Shop (South end of shop)
All participants must have a basic knowledge of construction operations in order to safely compete in this event.

Schedule:

Registration	8:15 – 8:30	–Registration LINK BuildingDoorE12
Competition/Safety Orientation	8:30-9:00	
Competition AM	9:00-11:00	
Lunch	11-12:00	
Competition PM	12-2:00	
Clean-up	2:00-2:30-	ALL PARTICIPANTS MUST PARTICIPATE in shop clean-up
Judging	2:30-3:30	(Judges Only)
Award Presentation: Davis Hall	4:15	

Purpose of the Competition:

To evaluate each competitor's preparation for employment, and to recognize outstanding students for their excellence and professionalism in the field of Carpentry. To evaluate each competitor's ability to organize and execute a given working plan accurately and safely using generally accepted carpentry practices.

Skills and Knowledge to be tested:

- Safe use of all hand and power tools noted in the scope.
- Competency in reading construction plans and specifications
- Competency in using appropriate systems of measurement
- Ability to apply planning, organization and time management skills to complete the project within the given time
- The selection and application of sound work practices and assembly techniques, in the building of a residential framing construction project.
- Quality, accuracy and thoroughness of workmanship
- General work attitude and housekeeping

Note to teacher / adviser: *ALL competitors are required to be familiar with and be able to demonstrate the correct use of the equipment needed to build this project. Please ensure that they are familiar with the use of a portable circular saw, Hand drill, Safe use of chisels, Compound miter saw, Table saw, Counter sink drill bits and plug cutting drill bits.*

The Project:

Students will be given a drawing, a set of specifications and a selection of softwood materials, they will be asked to cut, layout, assemble and finish (no topcoats) a residential construction project

Equipment and Materials:

Supplied by Committee:

- Glue
- Screws
- Rags
- Sandpaper/ Sandpaper for 5" random orbital sander
- Wood
- Finishing nails
- Compound Miter saw
- Table saw

Supplied by Competitor:

- Work apron or belt (if desired).
- Framing square.
- Bevel square/ Speed square/ Combination square
- Utility knife.
- Flush cut saw
- Nail punch for finishing nails
- Calculator.
- Hammer.
- Measuring tape.
- 1 set of chisels (1", 1/2") and sharpening stone if needed
- *Both a corded or cordless drill with a charger*
- *5" random orbital sander*
- *Portable corded or cordless circular saw with a new blade*
- *A Compass for drawing circles/ Pencil*
- *One #8 countersink bit*
- *One #8 Plug cutting bit*
- Pencil and pen.
- Extension cord (3m to 6m).
- Red Robertson drill bits

CLOTHING REQUIREMENTS:

The competitor must supply and wear the appropriate clothing and protective gear:

- Safety eye wear (must include side shields) and hearing protection
- Long pants and T-shirt (NO muscle shirts or long, oversized shirts)
- Proper work attire is required-No loose baggy clothing, no rolled cuffs
- No inappropriate slogans or messages
- No jewelry- No hanging chains, long hanging earrings, etc.
- **No Cell phone or texting- Phones must be off during competition
ANY use of phones will result in disqualification.**
- No school identification to be worn.
- Work boots, **Green PATCH, steel toe and steel plate mandatory**

**** Please note: *Failure to wear personal protective equipment in an appropriate manner will result in loss of marks. The 3rd warning will result in competitor being disqualified from contest.***

*Competition judges will have final authority on matters of safety.

Notes to teacher / adviser: *Please ensure any tools or equipment that is used for the purpose of the event is checked before the student arrives.*

Clean-up of the entire work area is mandatory for all competitors and will take place before the judged portion of the competition. Judges will not mark projects of any student who is not present during the clean-up portion of the competition.

No project will be marked of any student who is disqualified. (see comp rules above)

No student will be excused until clean-up activities are complete.

*Pat Healey
healpat@alcdsb.on.ca*