

Carpentry 2011 SCOPE DOCUMENT



Medicine Hat College
April 14, 2011

Event:	Carpentry	Location:	TBA
Registration:	7:00-7:45 a.m.	Contest Start Time:	8:30 a.m.
Orientation:	7:45-8:30 a.m.	Contest End Time:	3:00 p.m.
Contest Duration:	5.5 hours	Awards Program:	4:30 p.m.
Theory Exam:	No		

GENERAL DESCRIPTION:

The Skills Canada Alberta regional carpentry competition sees competitors build a provided carpentry project. Starting from provided drawings and diagrams, the project is built during the allotted construction time. The competitors are judged based on the quality of their project in the face of the judging criteria.

- 1) To evaluate each contestant's competency to organize and execute a given work assignment accurately and safely in the carpenter trade.
- 2) To recognize outstanding excellence and professionalism.

RELATED CAREER AND TECHNOLOGY STUDIES MODULES:

Module descriptions are available through the following website:

Government of Alberta/ Education/ Career and Technology Studies/ Trades and Manufacturing

<http://education.alberta.ca/teachers/program/cts/program-of-studies/tmt.aspx>

CON 1010: Construction Tools and Material

CON 1070: Building Construction

CON 1130: Solid Stock Construction

CON 1120: Product Management

CRA 3400: Introduction to Worksite Safety

CLOTHING AND SAFETY REQUIREMENTS:

- Suitable work clothing
- No open toed shoes (Steel toed boots recommended)
- Rubber soled shoes
- Safety glasses and hearing protection (provided)
- Competitors are required to follow all industry standards during the competition.

SKILLS AND KNOWLEDGE TO BE TESTED:

- Demonstrate skills and competency in interpreting blueprints, shop drawings and specifications
- Demonstrate the safe use of hand and power tools
- Demonstrate acceptable site management, housekeeping and best practices
- Proficient knowledge and demonstration of skills in framing, cutting and drilling materials, fastening techniques, and trim and finishing
- Quality, accuracy and thoroughness of workmanship
- Ability to complete an assignment within a specified time frame

EQUIPMENT AND MATERIALS:

Supplied by Committee:

- All materials and fasteners for the project

- All power tools and equipment:
 Circular saw Driver bits Drill bits
 Cordless drill Mitre saw

Supplied by Competitor: (All hand tools will be supplied but competitors may supply his own if he/she wishes)

Measuring Layout	Cutting Tools	Assembly Tools	Miscellaneous
Combination square	Block plane	Hammer	Calculator
Chalk line	Smooth plane	Screwdriver (Robertson #2)	Carpenters apron
Framing square	Wood chisels		Sanding block
Metric tape measure	10-12 point finishing hand saw		Sandpaper
Pencils			12" bar clamps (2)
Sliding T-bevel			

JUDGING CRITERIA:

- Demonstrate skills and competencies in interpreting plans and specifications
- Safety during project construction
- Ability to complete project in specific time period
- Proper selection and use of tools
- General work attitude
- Innovative techniques used
- Quality and accuracy

TIE-BREAKER PROCESS:

If two or more participants are tied in points at the end of the competition, the following shall apply to determine the placing.

- Step 1: Re-evaluate the affected projects with different judges.
- Step 2: Participant with the highest **PROJECT** score.
- Step 3: Participant who has completed the project in the least amount of time.

TECHNICAL JUDGES:

Jim Brouwer	MHC - Instructor
Paul Schaan	MHC - Instructor
Kurtis Kurpuweit	Merrit Homes
Derik Carlson	TBC General Contracting

COMMITTEE MEMBERS

Andy Cullen	MHC - Construction Coordinator
Jim Brouwer	MHC - Instructor
Paul Schaan	MHC - Instructor
Jack Nelson	Private Contractor
Bill Watson	Brooks Composite High School
Randy Knight	Crescent Heights High School
Barry Freeman	Medicine Hat High School
Roy Graf	McCoy High School
Cory Schiebelbein	Senator Gershaw High School
Susan Feeney	Project Manager, Southeast Regional Skills Competition

