



2010 SW Regional Skills Canada Competition

Scope Document

Lethbridge College

Thursday, April 29, 2010

EVENT: Cabinet Making	LEVEL: Secondary
START TIME: Check In: 7:30 – 8:00 a.m. Orientation: 8:00 – 8:30 a.m. Contest: 8:30 – 2:30 p.m.	LOCATION: Lethbridge College TR 1841
THEORY EXAM: No	DURATION: 5 hours
WORLDSKILLS TRADE #: 24	REGIONALIZED EVENT: No

GENERAL DESCRIPTION

Purpose of the Challenge

To provide an opportunity for contestants to demonstrate knowledge and ability in interpreting drawings, preparing and organizing steps to complete a project, competence and safety practices with wood working tools and machines, accuracy in measuring and cutting stock, joinery and problem solving.

Skills and knowledge to be tested (objectives):

The project used will test the following skills:

- Interpreting drawings and specifications
- Machining solid stock to a specified dimension
- Cutting rabbets, dados and grooves, and assembly
- Cutting sheet stock to dimension
- Gluing and nailing
- Mitre cuts and joints
- Joinery – either angle drill or pocket hole
- Edge shaping stock
- Safe use of machines, such as table saw, mitre saw, router, planer, jointer, and various hand tools



Related Career and Technology Studies Modules

Descriptions of all modules are located at the following website:

<http://www.education.gov.ab.ca/cts/<strand>>

EQUIPMENT & MATERIALS

Equipment and Materials supplied by Committee:

All materials and tools required for the contest will be supplied by the committee, including safety glasses and hearing protection.

Equipment and Materials competitors must supply:

During the competition, the competitors will be required to use PPE as per industry standards.

- CSA approved work boots or shoes
- CSA approved safety glasses (**supplied by committee**)
- CSA approved hearing protection (**supplied by committee**)
- Suitable work clothing
- Competitors are required to follow all industry safety standards during the competition

***competitors are welcome to bring their own CSA approved work boots or shoes. Career Transitions will provide steel toe caps to any competitor who does not bring their own footwear.**

NOTE: No portable sound systems or cell phones allowed

JUDGING CRITERIA

Judging criteria will be based upon the contest objectives listed in this document. Students will be awarded points throughout the competition.

Please see attached judging criteria.



IMPORTANT GENERAL INFORMATION

Schedule (tentative)

7:30	Check in begins in the Canbra Room
8:00	Students are escorted to the competition area
8:10	Orientation
8:30	Competition begins
11:50	Lunch break
12:20	Competition resumes
2:00	Competition ends – judging begins Competitors may proceed to the competitor lounge
3:30	Awards ceremony (gymnasium) open to the public

Please Note: Skills Canada Alberta has allocated two spots at the Provincial Competition for the gold and silver medalists from the regional competition. Should either medalist choose not to attend the Provincial Competition the spot would be offered to the bronze medalist. The provincials are scheduled for May 12 & 13 at the Northlands Agricom in Edmonton, Alberta. Travel expenses and preparation for the provincials are the competitor's responsibility. Please see www.skillsalberta.com for details.

COMMITTEE MEMBERS

Mark Mousseau	The Oak Market
Lehi Heath	Lethbridge College
Leon Wensmann	Lethbridge College
Frank Pawlak	Lethbridge College
Stephen Neis	Lethbridge College
Erick Stewart	Magrath High School
Deanna Gonnely	Career Transitions
Linda Kyle	Career Transitions



2010 SW REGIONAL SKILLS CANADA COMPETITION CABINETRY PROJECT SCORE SHEET

Student: _____

Judge: _____

PROJECT	POSSIBLE SCORE		ACTUAL SCORE
Sanding	10		
Accuracy	Width	5	
	Height	5	
	Depth	5	
	Dado's	10	
	Rabbets	10	
Moulding	Accuracy	10	
	Mitres	10	
Work Ethic	20		
Assembly	15		
TOTAL SCORE	100		



JUDGING CRITERIA

SANDING	<ul style="list-style-type: none"> • Sand pieces smooth & even • Recommended: • Plywood - 150/180 grit • Solid – 120/150 grit
ACCURACY	<ul style="list-style-type: none"> • Following plans to correct measurements & correct fitting joints
MOULDING	<ul style="list-style-type: none"> • Accurate, tight fitting mitre joints
WORK ETHIC	<ul style="list-style-type: none"> • Work well in shop • Stay on task • Equipment & tool safety
ASSEMBLY	<ul style="list-style-type: none"> • Final assembly of project

NOTES:

- The competition is 5 hours in length
- Each student will be given a package of wood for the project. Extra pieces will be available if needed.
- If advice is needed, please ask a Judge or Supervisor.