

# **2016 Southern Alberta High School Cabinet Making Competition**

**Date: April 8, 2016**

## **LOCATION:**

Catholic Central High School (Woodshop)

## **CONTEST INTRODUCTION**

- Intention is to provide High School Construction Technologies Students the opportunity to demonstrate their Cabinet Making and Problem solving skills, as well as participate in a manageable and enjoyable competition that recognizes best practices and projects.
- Students will be taking home their competition projects.
- All materials are provided by our sponsors.
- Prizes awarded for 5 top competitors provided by our sponsors.

## **PROJECT DESCRIPTION**

- Project will be a small cabinet of some type (i.e. Nightstand / Bookcase / Side Table / Medicine Cabinet)
- A project plan and sample will be provided to competitors at the start of the competition.
- In an effort to award the best problem solving and authentic wood working skills as well as keep the competition fair in respect to practice, the project plans and blue-prints will not be available prior to the competition.

## **COMPETITION SCHEDULE:**

- 7:45 A.M - CHECK IN / (Coffee, Juice and Snack Provided)
- 8:00 A.M - Orientation/Safety/Project Introduction
- 8:30 A.M - Competition Begins
- 12:00 P.M - LUNCH (Soup / Sandwich / Dessert Provided)
- 12:45 P.M - Competition resumes
- 3:00 P.M - End of Work
- 3:00pm-3:30 P.M - Shop Clean-up and Judging.
- 3:30pm – Awards Presentation



### **SKILLS AND KNOWLEDGE TO BE TESTED**

- Tool and Shop Safety
- Use of woodworking machines, power tools and hand tools.
- Wood Joinery
- Accurate measuring and milling of stock
- Interpretation of drawings and specifications
- Problem Solving Skills
- Time management
- Final surface preparation

### **REQUIRED SKILLS FOR COMPETITORS**

- Judges and Supervisors will be present to assist students with the major power tools and machines as well as to ensure safe practices.
- All competitors should have reasonable competencies of the following skills, tools, machines:
  - Table Saw (dado's / mitre sled / rip cuts)
  - Mitre Saw (mitre cuts and cross cuts)
  - Router Table (rabbets / edge treatment)
  - Jointer / Planar (proper sequence for edge treatment and surfacing of rough stock)
  - Band Saw
  - Power Sanders
  - Drill Press / Hand Drill / Finishing Nailer / Palm Sanders

### **EQUIPMENT & MATERIALS:**

#### **Competitors Must Bring:**

- Safety footwear - (CSA Approved) or Appropriate Closed Toe Footwear
- Appropriate fitting work clothing (no loose strings or sleeves)
- Personal Eye Protection (Safety Goggles) – These will also be provided by Catholic Central High School if forgotten.
- Competitors will not be allowed into the competition area without the required safety equipment.
- Any preferred personal hand tools (competitors may bring their own tool belt or apron)

#### **Provided Materials**

- All project materials will be donated by Upper Canada Forrest Products (Chris Stimpson) and Marc Mousseau (Oak Market)
- Project Plan Designed and Provided by Marc Mousseau (Oak Market)
- All competitor tools, adhesives, fasteners etc. will be provided by Catholic Central High School Construction Technologies Program.
- Extra Safety Goggles and Hearing Protection will be made available by Catholic Central High School Construction Technologies Program



### **JUDGING CRITERIA**

Safety, Procedure and Effort	20%
Cuts & Dimensions	30%
Joinery & Assembly	30%
Sanding & Finishing	20%

### **JUDGES**

Marc Mousseau (Oak Market)  
Cory Hoffner (Red Seal Cabinet Maker)  
Jay Langager (Teacher and Hobbyist Woodworker)  
Chris Stimpson (Upper Canada Forrest Products)  
Jerrod Mulder (Farmer and Local Builder)  
Steve Soroka (Home Builder and Hobbyist Woodworker)

### **SPONSORS**

- **Upper Canada Forrest Products**
- **Windsor Plywood**
- **Challenger Building Supplies**
- **Logic Lumber**
- **Southwest Design & Construction**
- **Bolt Supply House**
- **London Road Market**

### **RELATED CAREER AND TECHNOLOGY STUDIES COURSES**

CON1010      CON2130      CON1120      CON2140      CON1130      CON2170      CON1160

### **Contact & Student Registration:**

Devin Mulder [mulderd@holyspirit.ab.ca](mailto:mulderd@holyspirit.ab.ca)

- Space is limited to 16 competitors (registration deadline is March 22)
- Entry fee is **\$40** for each competitor. Cash or Cheque made out to Catholic Central High School
  - This will cover cost of morning snack and lunch as well as competition T-Shirt
- Each school may send up to 2 competitors
- Competitors will be registered on a first come first serve basis
- You can register your students by e-mailing their name and school to me at the above address
- Registration may open to additional competitors from each school if space permits