

**2012 Calgary Regional Skills Canada Competition**  
*Scope Document*  
 SAIT, Mayland Heights Campus  
 April 21, 2012

<b>EVENT:</b> Carpentry	<b>LEVEL:</b> Secondary
<b>TIMES:</b> Registration: 7:30 AM Orientation: 7:45 AM Competition Start Time: 8:00 AM Lunch: 12:00 p.m. – 12:30 PM (provided for all in attendance) Award Ceremonies: 4:00 PM	<b>LOCATION:</b> SAIT Polytechnic Mayland Heights Campus 2015 Centre Avenue NE, Calgary, AB
<b>DURATION:</b> 5.5 hours (1 Day)	<b>REGIONALIZED:</b> Yes – Secondary only
Number of Competitors That Will Qualify for the 2012 Provincial Skills Canada Competition: 4	

**GENERAL DESCRIPTION**

The Skills Canada Alberta regional carpentry competition sees competitors construct a 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.

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

**PROJECT DESCRIPTION**

Doghhouse – Please see Project Diagram Attached.

**EQUIPMENT & MATERIALS**

**\*All Measurements will be given in Metric Only!!**

**Equipment and Materials Competitors Must Supply:**

Measuring/Layout

- pencils
- metric tape measure
- framing square
- combination square
- sliding T-bevel
- chalk line

Cutting Tools

- 10-12 point finishing hand saw
- wood chisels
- smooth plane
- block plane

Assembly Tools

- hammer
- screwdriver (Robertson #2)

Miscellaneous

- non-programmable calculator
- Carpenters apron
- 12" bar clamps (2)
- sanding block
- sandpaper

**\*Please note: This is a suggested minimum list. The competitor may bring other hand tools if they wish.**

## Equipment and Materials Supplied by the Committee:

- All materials and fasteners for the project.
- All power tools and equipment:

cordless drill	cordless jig saw	cordless circular saw	Mitre Saw
saw horses	drill bits	driver bits	

**\*No additional power tools will be allowed during the competition.**

## SAFETY

The health, safety and welfare of all individuals involved with Skills Canada Alberta are of vital importance. Safety is a condition of participation with Skills Canada Alberta and shall not be sacrificed for the sake of expediency. At the discretion of the judges and technical committees, any competitor can be denied the right to participate should they not have the required proper safety equipment and/or act in an unsafe manner that can cause harm to themselves or others.

## Safety Requirements: MANDATORY

- CSA approved steel toed shoes/work boots
- CSA approved hard hat
- CSA approved safety glasses (prescription glasses must conform to CSA regulations)
- CSA approved hearing protection
- Suitable work clothing
- Competitors are required to follow all industry safety standards during the competition.

## 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

### RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Course 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>

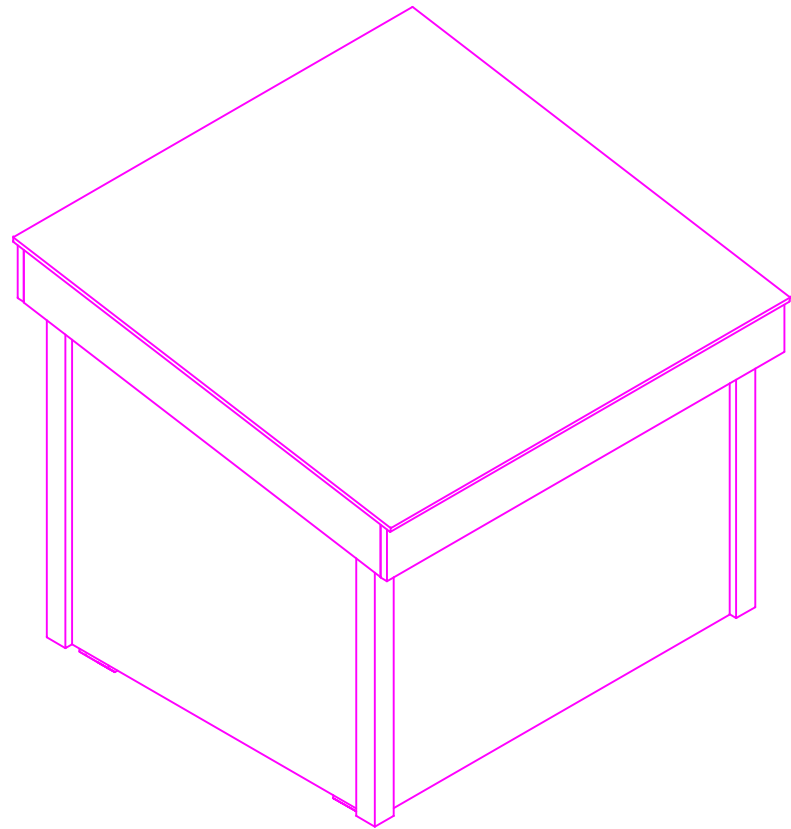
CON 1010 CONSTRUCTION TOOLS AND MATERIALS  
CON 1070 BUILDING CONSTRUCTION  
CON 1120 PRODUCT MANAGEMENT  
CON 1130 SOLID STOCK CONSTRUCTION  
CON 2035 FRAMING SYSTEMS - FLOOR  
CON 2045 FRAMING SYSTEMS – WALL  
CON 2050 ROOF STRUCTURES 1  
CRA 3400 INTRODUCTION TO WORK SITE SAFETY

### ADDITIONAL INFORMATION

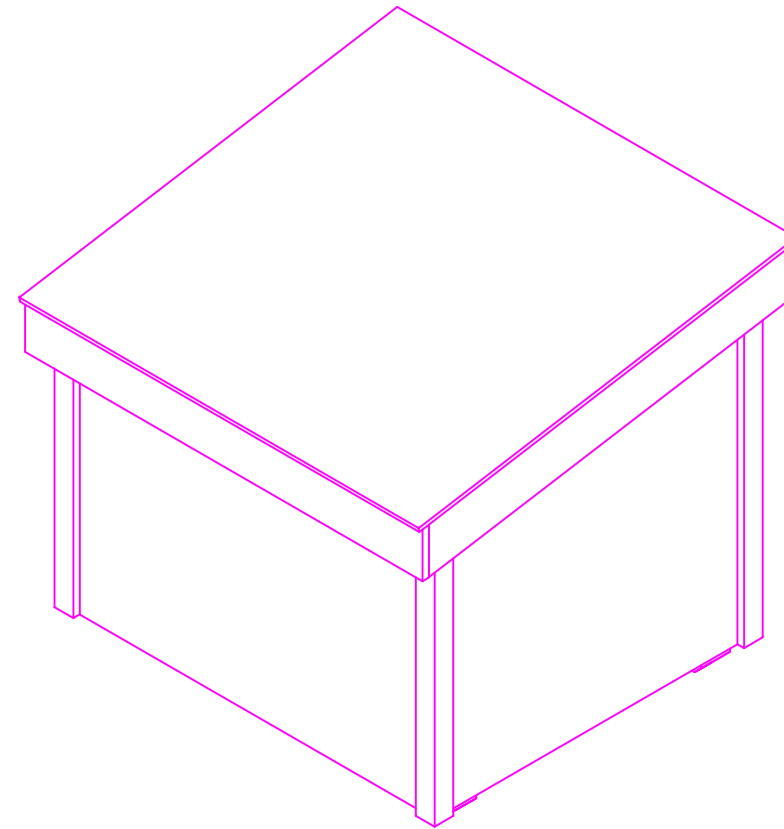
- Lunch will be provided for the competitors.
- Parking Information & Venue Maps: Please visit [www.sait.ca/about](http://www.sait.ca/about) for map of location. Parking is free
- Awards Ceremony Information: Medals will be awarded to first, second and third place competitors. A Safety Award will also be presented.

### COMMITTEE MEMBERS

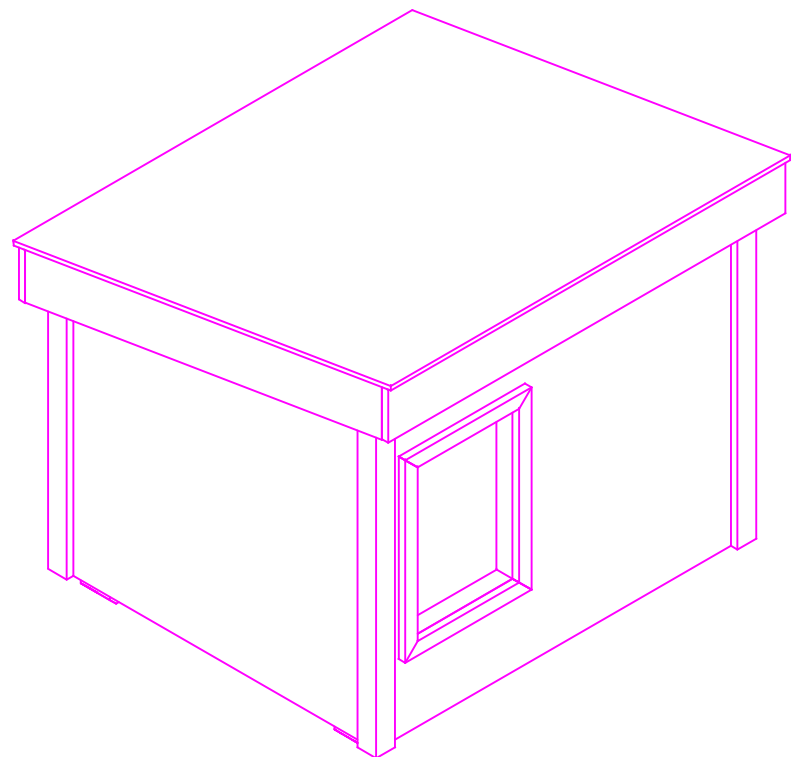
Kendell Anquist,	SAIT Polytechnic	403.210.4110
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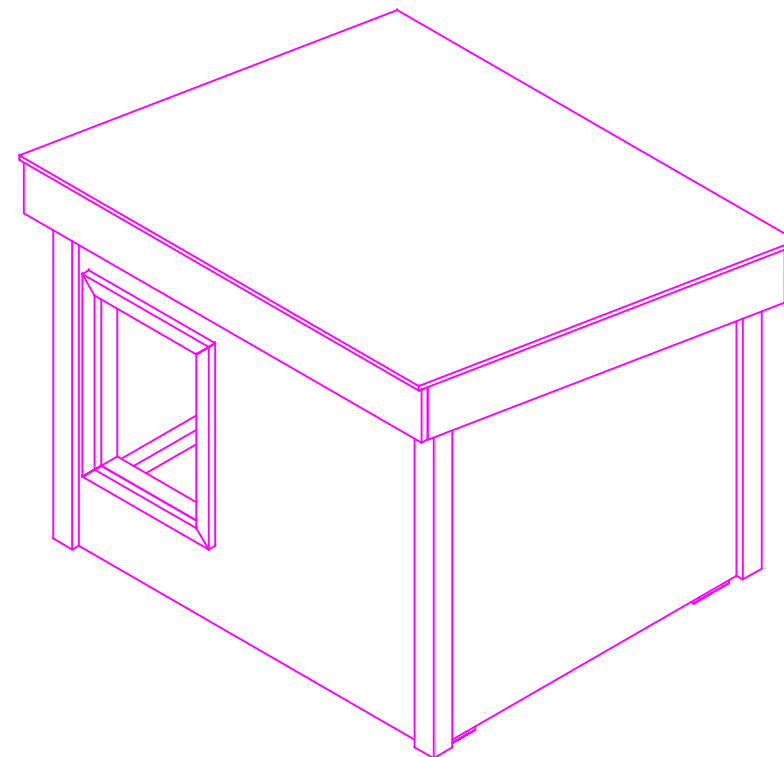
NORTHWEST ISOMETRIC



NORTHEAST ISOMETRIC



SOUTHWEST ISOMETRIC



SOUTHEAST ISOMETRIC

General Notes

FOR EDUCATIONAL PURPOSE ONLY

No.	Revision/Issue	Date



DOG HOUSE PROJECT

ISOMETRIC		Sheet 1
Drawing	DEC 2011	
Date	1:20	
Scale		