



2026 North West Regional Skills Canada Competition

Contest Description

Northwestern Polytechnic (NWP) Fairview Campus

March 26 & 27, 2026

EVENT: Carpentry	LEVEL: Secondary
DURATION OF CONTEST: 5.5 HOURS	LOCATION: NWP FAIRVIEW CAMPUS – CARPENTRY SHOP
COMPETITION SCHEDULE:	REGIONALIZED: YES If YES, To compete at the Provincial Skills Canada Competition students must qualify at their Regional Skills Canada Competition.
AWARDS CEREMONY INFORMATION: March 27 @ 6 pm in the NWP Fairview Campus Theatre	

CONTEST INTRODUCTION

- 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.

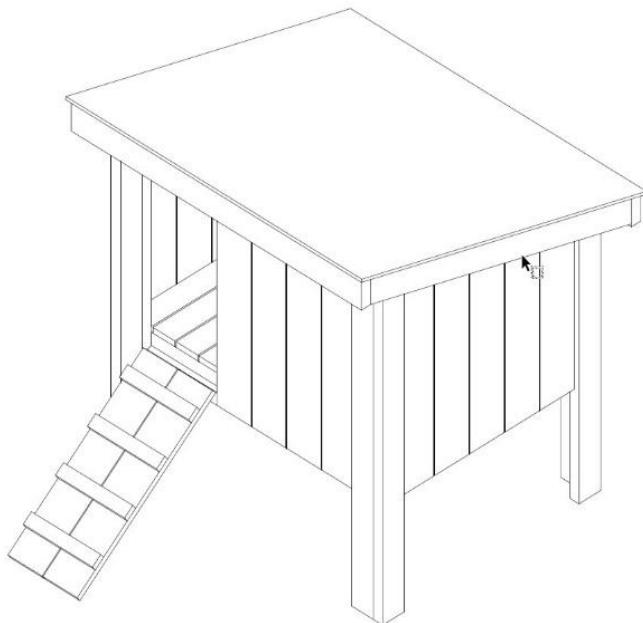
SKILLS AND KNOWLEDGE TO BE TESTED

- Demonstrate skills and competency in interpreting prints, 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 skill in; framing, cutting and drilling materials, fastening techniques, joinery, determining angles & elevations, trim & finishing.
- Quality, accuracy and thoroughness of workmanship.
- Ability to complete an assignment within a specified time frame.

PROJECT DESCRIPTION

Please see the practice project print that is posted on the SCA website along with this contest description/isometric image. On the day of the Regional Competition, competitors will be provided the actual competition plans which may have been changed up to 30% from the practice print.

CHICKEN COOP ISOMETRIC IMAGE



EQUIPMENT & MATERIALS

Equipment and Materials Supplied by Competitors:

Measuring/Layout	Safety	Assembly Tools	Misc.
Pencils	CSA Approved Footwear (green triangle standard)	Hammer / Mallet	Non-Programmable Calculator
Metric Tape Measure	Eyewear and Hard Hat (Loaners will be available)	Screwdriver (Rob #2)	Carpenters Apron
Framing Square	Suitable work clothing, including gloves		2 – Quick Clamps 12" min. -18" Max
Speed Square	Cutting Tools	Disassembly Tools	
Combination Square	Cross-cut Hand Saw	Examples:	
Sliding T-Bevel	Wood Chisels	Glazing Bar	
Stair Gauges	Utility Knife - not Olfa style	Nail Claw	
Chalk / Dry line	Block & /or Smooth Plane	Wonder Bar	



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Equipment and Materials Supplied by the Committee:

Power Tools And Equipment		Safety	Materials
Cordless Drill	Saw Horses (2)	Dust Masks	All materials and fasteners will be provided for the project
Cordless Impact Driver	Drill Bits	CSA approved hearing protection	
Cordless Jigsaw	Driver Bits	First Aid Station	
Cordless Circular Saw		Water Station	
Sanding Block & Sandpaper (80 & 100 grit)			

COMPETITION SPECIFIC RULES

The following Competition Specific rules along with SCA's overall Policies and Procedures provide specific details in competition areas that may vary from one another. Any additional contest rules will be reviewed during the Competitor Orientation.

Topic/Task	Contest Specific Rule
Use of Technology	Competitors are not allowed laptops, tablets, cameras, cell phones, smart watches, ear buds, calculators or other personal electronics in the competition area unless specified by the committee for certain tasks.
Use of Artificial Intelligence (AI)	Competitors cannot use AI to develop/generate any of the submitted work for any aspects of the competition.
Equipment	<ol style="list-style-type: none"> 1. No additional home-made jigs or gauges, power tools or power tools accessories will be allowed during the competition. 2. Any tool or equipment not contained in the scope will be inspected and approved or removed by committee member.

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 footwear – green triangle standard (Competitor)
- CSA approved hard hat (Provided by Competitor, loaner may be available)



- CSA approved safety glasses (Provided by Competitor, loaner may be available) (Prescription glasses must conform to CSA regulations.)
- CSA approved hearing protection (Provided by Committee)
- Suitable work clothing (Competitor)
- Competitors are required to follow all industry safety standards during the competition.

Clothing Requirement

It is important that competitors present a professional image and appearance. Appropriate work clothing must be worn to compete. All clothing must be neat and clean and free of rips and tears. Casual wear such as shorts will not be permitted. No loose-fitting clothes or jewelry. Competitors may bring work gloves to wear but are not mandatory.

JUDGING CRITERIA

• SAFETY/CLEAN-UP	15%
• DIMENSIONS	30%
• CONSTRUCTION	35%
• SALABILITY	10%
• MATERIAL USAGE	10%
OVERALL TOTAL	100%

TIE BREAKING PROCESS

If two or more participants are tied in points at the end of the competition, the following tie breaking procedure will be used:

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

RELATED CAREER AND TECHNOLOGY STUDIES COURSES

Descriptions of all modules are located at the following website:

https://education.alberta.ca/media/160534/con_course_summaries_old.pdf

CRA 3407	HAND TOOLS THEORY
CRA 3417	PORTABLE POWER TOOLS
CRA 3452	SKETCHING & DRAWINGS
CRA 3457	DRAWING PRINCIPLES
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

ADDITIONAL INFORMATION

Lunch: Provided for all competitors. Unfortunately, all allergies may not be able to be accommodated for. Please connect with the local Regional Coordinator for more information.

Parking & Maps: <https://www.nwpolytech.ca/about/campus-maps>

Regulations & Policies: View the Skills Canada Alberta Regional Regulations & Policies here
<https://skillsalberta.com/competition/regulations-and-policies/>

Skillz & Thrillz - Alberta's Trade & Tech Youth Podcast: Our talented alumni share tips and tricks on how to succeed in competitions and your career! Their insights can help you prepare for your Skills journey, and who knows, you might just be a future guest!

<https://skillsalberta.com/student-resources/skillz-thrillz-albertas-trade-tech-youth-podcast/>

REGIONAL COMMITTEE MEMBERS

Rachel Lepka