



2010 SW Regional Skills Canada Competition

Scope Document

Lethbridge College

Thursday, April 29, 2010

EVENT: Automotive Service (team of 2)	LEVEL: Secondary
START TIME Check-in: 7:30 – 8:00 a.m. Orientation: 8:00 – 8:30 a.m. Contest: 8:30 – 2:00 p.m.	LOCATION: Lethbridge College Trades Building
THEORY EXAM: No	DURATION: 5 hours
WORLDSKILLS TRADE #: 33	REGIONALIZED EVENT: Yes

GENERAL DESCRIPTION

PURPOSE OF THE CHALLENGE:

To identify and evaluate the team's (**2 students per team**) performance of Automotive Service Technology, while demonstrating the skills required for maintaining and repairing automobiles.

It should be noted that the Provincial Skills Canada competition is an individual event in Automotive Service. Skills Alberta organizers have allocated two spots at the Provincial competition for the gold medalists from the SW regional competition. Should the regional team decide to send only one member to Provincials, the second spot would be offered to a regional silver 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.



SKILLS AND KNOWLEDGE TO BE TESTED:

Competition Stations

- **Scan Tools – Power Train** Snap-On / Mentor Scan Tools, VIN. Interpretation - Manuals
- **Tires** – Jacking / Balancing / Torque
- **Information Retrieval**
- **Engine Electrical** – Install Distributor / Firing order
- **Electrical Circuit** – Signal Light / Heater Circuits
- **Engine Repair** – Cylinder head

RELATED CAREER AND TECHNOLOGY STUDIES MODULES:

Module MEC 1040
Module MEC 2040
Module MEC 2090
Module MEC 2140
Module MEC 3030
Module MEC 3070
Module MEC 3150

Module MEC 1090
Module MEC 2060
Module MEC 2110
Module MEC 2150
Module MEC 3040
Module MEC 3090

Module MEC 2030
Module MEC 2070
Module MEC 2130
Module MEC 2160
Module MEC 3060
Module MEC 3130

DESCRIPTIONS OF ALL MODULES ARE LOCATED AT THE FOLLOWING WEBSITE:
[HTTP://WWW.LEARNING.GOV.AB.CA/K_12/CURRICULUM/BYSUBJECT/CTS](http://www.learning.gov.ab.ca/k_12/curriculum/bysubject/cts)



EQUIPMENT & MATERIALS

Equipment and Materials Supplied by Committee:

- all the necessary tools, materials, and electrical test equipment required to perform the tasks.
- hearing protection
- safety glasses
- coveralls or shop coat
- steel-toe caps (if required by competitor)

Equipment and Materials Competitors Must Supply:

- Appropriate footwear (sandals and synthetic footwear are not appropriate)
Competitors must have steel toed footwear in order to participate in the competition. Competitors are welcome to bring their own steel-toed work shoes but Career Transitions will supply competitors with steel-toe caps if necessary

Note: No portable, personal sound systems (ipod, mp3, walkman, etc.) or cell phones will be allowed in the contest area.

JUDGING CRITERIA

Each student will be scored on their ability to comprehend written instructions, interpret and perform tasks related to each practical test, and demonstrate common safety practices.



IMPORTANT GENERAL INFORMATION

SCHEDULE (tentative)

*Schedule is subject to change on competition day

7:30	Check-in begins in the Canbra Room
8:05	Students are escorted from Check-in to the Contest Area
8:10	Orientation
8:30	Competition Begins
11:25	Lunch Break
12:00	Competition Resumes
2:00	Competition Ends Students may go to the Competitor Lounge
3:30	Awards Ceremony (gymnasium) – Open to the public

COMMITTEE MEMBERS

Jerry DeJager	Lethbridge College
David Daniels	Lethbridge College
Dave Benfield	Lethbridge Collegiate Institute
Brianne Martin	Career Transitions
Deanna Gonnely	Career Transitions