

## **Attention Competitors**

**At the 2005 Provincial Skills Competition  
Safety is # 1**

**Each Event Area Will Have Safety Equipment  
and Requirements That Competitors Must  
Adhere To**

**Important Must Read!!!!**

**Competitors Must Meet All Safety Requirements  
To Compete At The Provincial Skills Competition**

**Please Consult The Scope Document To  
Determine The Safety Requirements For Your  
Area**

**It Is Recommended That Competitors Check The  
Scope Document To Ensure You Meet All Safety  
Requirements**

**Scope Documents May Be Updated Until January  
15th**

# 2005 Provincial Skills Competition

## Scope Document

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<b>EVENT:</b> AUTOMOTIVE SERVICE	<b>LEVEL:</b> POST SECONDARY
<b>START TIME:</b> 8:30 AM. April 8, 2005	<b>LOCATION:</b> SIAST PALLISER CAMPUS RM. 6.107
<b>INTERNATIONAL TRADE#:</b> 33	<b>DURATION:</b> 7 HRS.

**SAFETY REQUIREMENTS:** Competitors are required to follow all industry safety standards during the competition.

### **PURPOSE OF THE CHALLENGE:**

To recognize and reward the Automotive Technology Students that demonstrate achievement of the high levels of skills and knowledge that is required to service both the basic systems and the advanced technology of today's automobiles.

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

1. Competency related multiple choice test – 10%
2. Practical Exercises and related testing – 90%

To determine their skills and competency in all aspects of Automotive Service Technology, the competitors may be required to compete in the following areas:

- a) Shop / vehicle care and safety
- b) Proper use of tools and identification of mechanical parts
- c) Correct diagnosis and service procedure
- d) Drive train adjustment and diagnosis
- e) Braking system component identification, service and repair
- f) Electrical system component identification, function and diagnosis
- g) Engine tune up and diagnosis
- h) Use of precision measuring tools
- i) Use of hand-held scan tool and digital multi-meter
- j) Cooling system diagnosis and repair
- k) Engine evaluation and repair
- l) Service writing and information processing

**Additional workstations and testing criteria may need to be developed for this event.**

**THEORY EXAM:** YES

### **EQUIPMENT, TOOLS, SUPPLIES, CLOTHING:**

#### ***Supplied by Committee:***

Automotive components and vehicles.

All necessary materials hand tools, diagnostic equipment, and shop equipment to perform the tasks.

### **CLOTHING REQUIREMENTS:**

#### ***Competitor Must Provide:***

All competitors **must** provide their own CSA approved safety glasses, CSA approved safety footwear and appropriate work clothes.

**JUDGING CRITERIA:**

1. Knowledge exhibited by the level of completion of the written test.
2. Comprehension of written instructions and service procedures.
3. Interpretation and performance of tasks.
4. Diagnostic abilities.
5. Safe and careful work habits.

**COMMITTEE MEMBERS:**

Darwin Hazell	SIAST Palliser Campus	Moose Jaw
Don Leaman	SIAST Palliser Campus	Moose Jaw