

Attention Competitors

**At the 2006 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
13th**

2006 Provincial Skills Competition

Scope Document

EVENT: AUTOMOTIVE SERVICE	LEVEL: POST SECONDARY
START TIME: 8:30 AM. MARCH 17TH	LOCATION: SIAST KELSEY CAMPUS RM. S107
INTERNATIONAL TRADE #: 33	DURATION: 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, shop coat or coveralls.
No open-toed shoes permitted.

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:

Jim Kerr

SIAST Kelsey Campus