

★ OFFICIAL PROGRAM STANDARDS NOTIFICATION ★**Issued: June 15, 2009****Program: Automotive Service Technician**

To: ITA Training Providers
Automotive Training Standards Organization (ATSO)
Automotive Service Technician Articulation Committee
ACE IT School Districts

RE: **REF: 2009 009**
**UPDATE ON THE TRANSITION TO THE NEW PROGRAM STANDARDS FOR THE
AUTOMOTIVE SERVICE TECHNICIAN TRADE**

Timing: Effective: Immediately

Information: This note is an update on the status of the Automotive Service Technician trade further to the February 4, 2009 letter issued by the ITA.

Update on New Program Standards

The February 4th communication indicated that new program standards for the Automotive Service Technician (AST) trade had been approved by the ITA. The new standards are a result of a two-year review conducted by the Automotive Training Standards Organization (ATSO) and include:

- three new, distinct apprenticeship programs (Automotive Service Technician 1, Automotive Service Technician 2 and Automotive Service Technician 3), each resulting in a provincially recognized Certificate of Qualification
- a modification and name change of the current accredited Automotive Service Technician apprenticeship program (to Automotive Service Technician 4). The interprovincial (Red Seal) endorsement will be affixed to the Automotive Service Technician 4 program.

Program profiles and program outlines for the 3 new and 1 modified AST programs are posted on the ITA website at www.itabc.ca

Apprentices registered in AST 1, 2 and 3 will be required to complete a Certification of Qualification exam in order to be certified. Apprentices registered in AST 4 will be required to complete an ITA standardized (common) exam as well as an Interprovincial (Red Seal) exam in order to be certified.

Certificate of Qualification exams for AST 1, 2, 3 and the ITA standardized exam for AST 4 have been developed and are about to be field tested.

The Automotive Training Standard Organization (ATSO) is responsible for the administration and invigilation of exams being field tested. Field testing is being conducted by ATSO at a limited number of training provider sites. Questions regarding the administration of field testing should be directed to: Lloyd Stamm at Automotive Training Standards Organization (ASTO) at lloyd@autoapprentice.com or (604) 419-3626.

Update on Transition Planning

The February 4th communication also noted that implementation of the new program standards has been delayed until a comprehensive transition plan is developed in consultation with training providers and ATSO. Work on the transition plan is still underway and the goal is to finalize it within the next few months. Once the transition plan has been approved, a new launch date will be established and all training providers will be formally notified via another Official Program Standards Notification from the ITA. For planning purposes, training providers should target delivery to the new standards by January 1, 2010.

In the meantime, training providers may deliver in-school training to either the current program standard or the new, progressive credential program standards. The table below shows how the in-school training for the current program maps to the in-school training for the new programs.

| Current AST Program | New AST Programs |
|----------------------------|-------------------------|
| Level 1 | AST 1 |
| Level 2 | AST 2 |
| Level 3 | AST 3 |
| Level 4 | AST 4 |

All AST apprentices are still registered in the current AST program. Level credit will continue to be given to apprentices who successfully complete in-school training. Details on calculating and entering training results are provided below and in the attached Assessment Guidelines.

Assessment for Current AST Program

In-school Training

Until further notice, training providers delivering levels 1 to 4 in-school training for Automotive Service Technician are required to enter the following assessment result for each apprentice in ITADirectAccess:

- An in-school mark in the form of a percentage (min. 70% is required for a pass)



The in-school mark is a combined theory and practical assessment determined on the basis of:

- Theory and practical subject competencies. A table showing the subject competencies and weightings for each competency and level is shown in the attached Assessment Guidelines document.
- The theory subject competency mark is calculated as follows:
 - 50% based on accumulated individual competencies; and
 - 50% based on the score achieved on a final theory level exam. Training providers are expected to use their own proprietary theory level exam.
- The practical subject competency mark is based 100% on accumulated individual competencies.
- The final in-school mark for entry in ITA DirectAccess is calculated by applying a weighting of 80% to the final theory result and a weighting of 20% to the practical result and then adding the two results together. Refer to the Assessment Guidelines document.

Successful completion of the in-school training for each level is defined as a final score of 70% or greater.

Inter-provincial (Red Seal) Exam

AST apprentices are required to write the AST Inter-provincial (Red Seal) exam after completing their in-school training, in order to be certified. A score of 70% or greater is required for a pass.

Inter-provincial (Red Seal) exams may be requested by training providers via the usual ITA procedure.

The ITA will administer and invigilate the Inter-provincial (Red Seal) exam and score and record exam results in ITADirectAccess.

**For more
information
contact:**

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ASSESSMENT GUIDELINES

Program: **Automotive Service Technician Apprenticeship**

Requirements: **In School Training**

Training providers delivering Automotive Service Technician Apprenticeship levels one, two, three and four in-school training are required to submit the following assessment result for each apprentice for entry in ITADirectAccess:

- An in-school mark in the form of a percentage (min. 70% is required for a pass)

The in-school mark is a combined theory and practical assessment determined on the basis of:

- Theory and practical subject competencies. A table showing the subject competencies and weightings for each competency and level is shown on page 3.
- The theory subject competency mark is calculated as follows:
 - 50 % based on accumulated individual competencies; and
 - 50 % based on the score achieved on the final theory level exam. Until further notice, training providers are expected to use their own proprietary theory level exam.
- The practical subject competency mark is calculated based 100% on accumulated individual competencies.
- The final in-school mark for entry in ITA DirectAccess is calculated by applying a weighting of 80 % to the final theory result and a weighting of 20 % to the practical result and then adding the two results together. Refer to the attached Assessment Guidelines document.

Successful completion of the in-school training for each level is defined as a score of 70% or greater for the final in-school mark.

Inter-provincial (Red Seal) Exam

Automotive Service Technician Level 4 apprentices are required to write the Automotive Service Technician Inter-provincial (Red Seal) exam after completing their in-school training level, in order to be certified. A score of 70% or greater is required for a pass.

Inter-provincial (Red Seal) exams may be requested by training providers via the usual ITA procedure.

The ITA will administer and invigilate the Inter-provincial (Red Seal) exam and score and record exam results in ITADirectAccess.

Grading Sheet: Subject Competencies and Weightings Tables

| Program: | | Automotive Service Technician apprenticeship | |
|------------------------------|----------------------------------|---|----------------------------|
| In-school Training: | | AST 1 (Level 1) | |
| ITADirectAccess Code: | | 0002AM101 | |
| Line | Subject Competencies | Theory Weighting | Practical Weighting |
| 1A | Workplace Safety | 4% | 2% |
| 1B | Employability Skills | 1% | 0% |
| 1C | Tools and Equipment | 4% | 9% |
| 1D | General Automotive Maintenance | 6% | 10% |
| 1E | General Automotive Practices | 2% | 8% |
| 1F | Electrical/Electronic Systems | 9% | 19% |
| 1G | Brakes Systems | 9% | 22% |
| 1H | Steering Systems | 9% | 20% |
| 1I | Suspension Systems | 6% | 10% |
| | Final Exam | 50% | |
| | Total | 100% | 100% |
| | Level 1 in-school mark weighting | 80% | 20% |
| | Level 1 in-school mark | X% | |

| Program: | | Automotive Service Technician apprenticeship | |
|------------------------------|---|---|----------------------------|
| In-school Training: | | AST 2 (Level 2) | |
| ITADirectAccess Code: | | 0002AM201 | |
| Line | Subject Competencies | Theory Weighting | Practical Weighting |
| 2A | Electrical Systems | 10% | 31% |
| 2B | Heating, Ventilation and Air Conditioning | 10% | 15% |
| 2C | Gasoline Engines | 19% | 39% |
| 2D | Engine Support Systems | 6% | 7% |
| 2E | Diesel Engine and Fuel Systems | 5% | 8% |
| | Final Exam | 50% | |
| | Total | 100% | 100% |
| | Level 2 in-school mark weighting | 80% | 20% |
| | Level 2 in-school mark | X% | |

| Program: | | Automotive Service Technician apprenticeship | |
|------------------------------|-----------------------------------|---|----------------------------|
| In-school Training: | | AST 3 (Level 3) | |
| ITADirectAccess Code: | | 0002AM301 | |
| Line | Subject competencies | Theory Weighting | Practical Weighting |
| 3A | Electrical and Electronic Systems | 9% | 14% |
| 3B | Fuel Delivery Systems | 12% | 18% |
| 3C | Electronic Ignition Systems | 9% | 22% |
| 3D | Engine Management Systems | 14% | 26% |
| 3E | Emission Control Systems | 6% | 20% |
| | Final Exam | 50% | |
| | Total | 100% | 100% |
| | Level 3 in-school mark weighting | 80% | 20% |
| | Level 3 in-school mark | X% | |

| Program: | | Automotive Service Technician apprenticeship | |
|------------------------------|--|---|----------------------------|
| In-school Training: | | AST 4 (Level 4) | |
| ITADirectAccess Code: | | 0002AM401 | |
| Line | Subject competencies | Theory Weighting | Practical Weighting |
| 4A | Clutch Systems | 2% | 4% |
| 4B | Manual Transmissions | 8% | 12% |
| 4C | Automatic Transmissions | 22% | 49% |
| 4D | Drive Lines | 5% | 12% |
| 4E | All Wheel Drive/Four Wheel Drive Systems | 8% | 23% |
| 4F | New Drive Line Technology | 5% | 0% |
| | Final Exam | 50% | |
| | Total | 100% | 100% |
| | Level 4 in-school mark weighting | 80% | 20% |
| | | X% | |