

RELEASE OF UPDATED SCHEDULE OF TRAINING

Trade Name & Code	638A – Tractor Trailer Commercial Driver
Implementation Date of New Schedule of Training	July 1, 2017
Implementation Plan	<ul style="list-style-type: none"> • Apprentices who began their apprenticeship on the former 2006 Schedule of Training can complete their program using that standard. • All apprentices with initial training agreements registered on or after July 1, 2017 must be trained to this new schedule of training and the new benchmark hours.
Impact on In school Curriculum outcomes or Related Trades	<ul style="list-style-type: none"> • As this is a Schedule of Training, revisions and updates have been made to both on the job performance objectives/skill sets/skills and the learning outcomes. • The learning outcomes continue to be part of the sponsor’s obligation.
Schedule of Training Access	<p>As of July 1, 2017</p> <ul style="list-style-type: none"> • The new Schedule of Training will be available on the Ontario College of Trades (the ‘College’) website. • The College will mail a printed Log Book to apprentices who become new members of the Apprentices class in the Tractor Trailer Commercial Driver trade when they are mailed the apprentice Statement of Membership card. • If the apprentice wants a copy of the Log Book before receiving the printed copy in the mail, the apprentice can download/print a copy from the College’s website.
Optional Skills Become Mandatory	Not applicable
Change: Mandatory to Optional	Not applicable
Revised Skill Sets and Skills (includes new):	<p>The Skill Sets have been re-organized into three major categories: Supportive, Functional and Driving. This categorization reflects the structure in the new National Occupational Standard (NOS).</p> <p>Supportive Skill Set 9280</p> <p>This skill set includes the following skills:</p> <ul style="list-style-type: none"> • Interact with internal and external contacts

	<ul style="list-style-type: none"> • Communicate with internal and external contacts • Maintain health and wellness • Use documents • Complete basic calculations • Use computers and electronic devices <p>Functional Skill Set 9281</p> <p>This skill set includes the following skills:</p> <ul style="list-style-type: none"> • Develop a work-plan • Protect cargo, facilities and self • Maintain tractor-trailer • Inspect tractor-trailer • Manage on-duty and off-duty time • Operate a tractor-trailer air brake system • Secure cargo for transport • Operate tractor-trailer systems and features • Maintain situational awareness <p>Driving Skill Set 9282</p> <p>This skill set includes the following skills:</p> <ul style="list-style-type: none"> • Prepare to drive • Control tractor-trailer motion, speed and space • Control tractor-trailer direction (lane changes, lane position and turns) • Complete turns • Maximize fuel efficiency • Drive defensively • Respond to specific tractor-trailer requirements • Handle emergency incidents • Couple tractors and trailers • Uncouple tractors and trailers • Back up, dock and park a tractor-trailer
<p>Content and Hours Changes – Learning Outcomes</p>	<ul style="list-style-type: none"> • The 2016 update to the learning outcomes in this Schedule of Training reflects curriculum enhancements to be delivered by sponsor. They also reflect harmonization with the new National Occupational Standard (NOS) for the Commercial Vehicle Operators and the Mandatory Entry Level Training (MELT) requirements as implemented by Ministry of Transportation effective as of July1, 2016. <p>The Learning Outcomes have been re-organized into three major categories similar to the Skill Sets: Supportive, Functional and Driving. This categorization reflects the structure in the new NOS. Existing Learning Outcomes and Objectives have been inserted within these three categories.</p>

Summary of Learning Outcomes Re-organization and Enhancement

- Updated Learning Outcome **S3250: demonstrate an understanding of personal management strategies** replaces **Learning Outcome 1: Manage-self**.
The following learning objectives have been added or enhanced for this outcome:
 - Describe stress and time management techniques
 - Identify physical and mental health behaviour
 - Describe the relationship between driver fatigue and safe operation.
- Updated Learning Outcome **S3251: demonstrate an understanding of effective communication and customer service techniques** is now a separate outcome (the information was previously included as an objective under **Learning Outcome 1: Manage-self**).
Communication and customer service techniques are critical outcomes for this trade and therefore, needed to be separated.
- Updated Learning Outcome **S3252: demonstrate an understanding and application of the relevant laws, codes and agreements as they pertain to the transportation of products and materials** replaces **Learning Outcome 3: Compliance requirements**.
Objectives in this outcome are similar to the previous document.
- Updated Learning Outcome **S3253: demonstrate documentation planning and completion requirements for the safe and effective transportation of products and materials** replaces **Learning Outcome 4: Documentation**.
The following learning objectives have been added or enhanced for this outcome:
 - Describe personal documentation for domestic and international trips
 - Describe trip inspection documentation
 - Describe pick-up and delivery documentation for domestic and international trips
 - Describe requirements for accidents, dangerous incidents, violations and emergency response assistance plan (ERAP).
 - Describe documentation requirements for hours of service
 - Describe verification and handling procedures for the Transportation of Dangerous Goods (TDG)
 - Describe verification and handling procedures for cross border documentation

These new objectives are reflected in the NOS.
- Updated Learning Outcome **S3254: demonstrate preparedness to Transport Goods to ensure the safe effective transportation of products and materials** replaces **Learning Outcome 5: Trip planning vehicle inspection and maintenance and Learning Outcome 6: Cargo handling**.

	<p>The following learning objectives have been added or enhanced for this outcome:</p> <ul style="list-style-type: none"> ○ Select and use reference sources to be used in determining routes. ○ Determine permit and licenses for the type of vehicle and cargo. ○ Estimate travel time, fuel consumption requirements and expenses. ○ Demonstrate proficient operation of components and functions of truck engines, brakes, systems relating to brakes, air, lighting, tires, wheels, electrical and hydraulics systems, fluid levels, coupling devices, controlling attachments, landing gear, lift axle and specialized equipment. ○ Demonstrate an understanding of monitoring vehicle performance and mechanical fitness. ○ Explain the impact of speed, weight, brake adjustment conditions and anti-lock braking systems on braking. ○ Describe driver limitations with respect to repair and maintenance procedures. <ul style="list-style-type: none"> ● Updated Learning Outcome S3255: demonstrate the ability to manage cargo requirements to ensure the safe and undamaged transportation of products and materials replaces Learning Outcome 6: Cargo handling. The following learning objectives have been added or enhanced for this outcome: <ul style="list-style-type: none"> ○ Describe load securement techniques and standards. ○ Describe weight distribution principles and techniques. ● Updated Learning Outcome S3256: demonstrate the application of defensive driving strategies in accordance with safety legislation and company policies and procedures replaces Learning Outcome 2: Defensive driving skills. The following learning objectives have been added or enhanced for this outcome: <ul style="list-style-type: none"> ○ Describe the concepts of physics and space management as it pertains to tractor-trailers. ○ Recognize potential dangers and hazards in the driving environment. ○ Assess driving conditions and adapt vehicle and driving in adverse conditions. ○ Describe search and scanning techniques. ○ Describe sound communication, speed, space and search techniques. ○ Explain weight and dimension requirement. <ul style="list-style-type: none"> ▪ Describe proper set-up and use of mirrors ▪ Explain speed managements, vehicle positioning and stopping distance
<p>General Notes & Rationale</p>	<p>The entire document is now harmonized with the new NOS and MELT requirements.</p> <p>For the purpose of this document sign-off requirements were enhanced to provide an opportunity for sponsor/trainer to verify the performance of competencies needed to complete the skill through initials.</p> <p>Industry has recommended a Journeyperson to Apprentice ratio guideline of 1 Journeyperson to 1 Apprentice as the ratio necessary for an Apprentice to be</p>

properly trained on the job in this program. This has been added to the new Schedule of Training document.

Activities of the Apprenticeship Program were added to inform all Apprentices of all possible activities to be performed as part of their Apprenticeship Program.

Bench mark total training hours have been increased to 3000 hours to provide a full and comprehensive development of individuals in their Apprenticeship Program.