

## Level Chart: Truck and Transport Mechanic - Technical Training

Level One (8 Weeks) – COMMON CORE UNITS				Level Two (8 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Learning About Work	7	0	B1	Welding II	7	28
A2	Trade Safety Awareness	7	0	B2	Vehicle Electrical Systems	14	49
A3	Tools and Equipment	7	21	B3	Engines and Engine Support Systems	21	49
A4	Trade Communications, Documents and Computer Skills	21	0	B4	Drivetrain Fundamentals	14	42
A5	Engine Principles	7	28	B5	Electronics I: Fundamentals	7	28
A6	Electrical Fundamentals	14	56	B6	Steering and Suspension Systems I	7	7
A7	Braking Systems and Wheel-End Safety	12	23	B7	Alternate Fuels/Spark Ignition	7	0
A8	Hoisting and Lifting	2	5				
A9	Basic Hydraulic Systems	7	14				
A10	Frames, Suspensions and Structural Components	14	0				
A11	HVAC and Environmental Controls I	7	0				
A12	Welding I	7	21				
	<b>Subtotals</b>	<b>112</b>	<b>168</b>		<b>Subtotals</b>	<b>77</b>	<b>203</b>
	<b>Total</b>	<b>280 hours</b>			<b>Total</b>	<b>280 hours</b>	

*Common Core level for Agricultural Equipment Technician, Heavy Duty Equipment Technician, Truck and Transport Mechanic, and Transport Trailer Technician*

Level Three (7 Weeks)				Level Four (5 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
C1	HVAC and Environmental Controls II	7	28	D1	Journeyman Trainer	7	0
C2	Inspections Procedures: Truck and Bus	2	5	D2	Electronics II: Vehicle/Engine Management Systems	14	28
C3	Diesel Fuel Systems	28	28	D3	Steering and Suspension Systems II	7	0
C4	Emission Control Systems	14	21	D4	Air Brake Systems	14	21
C5	Engine Brakes and Retarders	7	0	D5	Traction-Control and ABS Systems	7	21
C6	Twin Countershaft Transmissions	7	28	D6	Interior Cabs, Coupling Devices and Accessories	7	0
C7	Drive Axles and Differentials	7	28	D7	Trailer Systems and HVAC	14	0
C8	Automatic Transmissions	7	28	D8	Pre-Interprovincial Review	35	0
	<b>Subtotals</b>	<b>79</b>	<b>166</b>		<b>Subtotals</b>	<b>105</b>	<b>70</b>
	<b>Total</b>	<b>245 hours</b>			<b>Total</b>	<b>175 hours</b>	

**T – Theory hours**  
**P – Practical hours**