

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

Level One (8 Weeks)				Level Two (8 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A1	Safety, WHMIS & Preventative Maintenance	5	0	C2	Welding (Electric/Arc/MIG)	4	36
A2	Equipment Access / Transport & Related Procedures	7	0	E2	Differentials, Drive Axles, Final Drives	12	18
B1	Basic Computer Skills & Information Retrieval	6	14	E3	Manual Transmissions: Multi Countershaft & Autoshift	6	14
C1	Oxy Welding	2	18	E4	Hydraulic Transmissions: Torque Converters & Related Components	8	12
D1	Engine Systems & Repair Procedures	52	50	F2	Steering Systems & Alignment	15	10
E1	Standard Transmission Systems, Drivelines, Transfer Cases & PTOs	25	38	F3	Suspension Systems & Frames	16	4
F1	Tires & Wheel Assemblies	14	4	H2	Hydraulic Accessories, Components & Circuits	12	3
H1	Brake Fundamentals & Components	15	5	I2	Basic Electronic Components	21	4
I1	Electrical Fundamentals	10	15	I3	Starting Systems	15	15
				I4	Charging Systems	15	15
				I5	Body Electrical & Lighting Systems	20	5
	<b>Subtotals</b>	<b>136</b>	<b>144</b>		<b>Subtotals</b>	<b>144</b>	<b>136</b>
	<b>Total</b>	<b>280 hours</b>			<b>Total</b>	<b>280 hours</b>	

Level Three (6 Weeks)				Level Four (4 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
A3	Inspections Procedures: Truck & Bus	2	5	A4	Pre-IP Review	60	0
B2	Customer Relations & Communications	10	0	G3	Trailer Fundamentals & Transport Refrigeration	10	4
D2	Engine Diagnosis, Startup, Tune-up & Engine Brakes	18	22	H4	ABS System Fundamentals & Traction Control	16	5
G1	Cabs, Restraint Systems, & Attached Equipment	8	0	I7	Electronic Control Systems, Programming & Scan Tools	25	20
G2	HVAC & MOPIA	20	20				
H3	Air Brake Systems & Power Assist Units	15	10				
I6	Spark Ignition Systems	7	3				
J1	Fuel System Fundamentals, Gasoline Fuel Systems & Alternative Fuels	7	3				
J2	Diesel Fuel Injection, Engine Management & Exhaust Systems	35	25				
	<b>Subtotals</b>	<b>122</b>	<b>88</b>		<b>Subtotals</b>	<b>111</b>	<b>29</b>
	<b>Total</b>	<b>210 hours</b>			<b>Total</b>	<b>140 hours</b>	