

Profile Chart: Truck and Transport Mechanic - Technical Training

Course A: Workshop Practices	A1 Safety, Hazardous Materials & Preventative Maintenance Total - 79 Hours Level I 5 Hours	A2 Equipment Access/Transport & Related Procedures Total - 79 Hours Level I 7 Hours	A3 Inspection Procedures: Truck & Bus Total - 79 Hours Level 3 7 Hours	A4 Pre-IP Review Total - 79 Hours Level 4 60 hours
Course B: Communication Skills	B1 Basic Computer Skills, & Information Retrieval Total - 30 Hours Level I 20 Hours	B2 Customer Relations & Communications Total - 30 Hours Level 3 10 Hours		
Course C: Welding	C1 Welding (Oxyacetylene) Total - 60 Hours Level I 20 Hours	C2 Welding (Electric/Arc/MIG) Total - 60 Hours Level 2 40 Hours		
Course D: Engines	D1 Engine Systems & Repair Procedures Total - 142 Hours Level I 102 Hours	D2 Engine Diagnosis, Startup, Tune-up & Engine Brakes Total - 142 Hours Level 3 40 Hours		
Course E Drive Trains	E1 Standard Transmission Systems, Drivelines, Transfer Cases & PTOs Total - 133 Hours Level I 63 Hours	E2 Differentials, Drive Axles & Final Drives Total - 133 Hours Level 2 30 Hours	E3 Manual Transmissions: Multi Countershaft & Autoshift Total - 133 Hours Level 2 20 Hours	E4 Hydraulic Transmissions, Torque Converters & Related Components Total - 133 Hours Level 2 20 Hours
Course F: Steering, Suspension & Frames	F1 Tires & Wheel Assemblies Total - 63 Hours Level 1 18 Hours	F2 Steering Systems & Alignment Total - 63 Hours Level 2 25 Hours	F3 Suspension Systems & Frames Total - 63 Hours Level 2 20 Hours	
Course G Cab & Chassis	G1 Cabs, Restraint Systems & Attached Equipment Total - 62 Hours Level 3 8 Hours	G2 HVAC & MOPIA Total - 62 Hours Level 3 40 Hours	G3 Trailer Fundamentals & Transport Refrigeration Total - 62 Hours Level 4 14 Hours	
Course H: Brakes, Hydraulics & Air Systems	H1 Brake Fundamentals & Components Total - 81 Hours Level I 20 Hours	H2 Hydraulic Accessories, Components & Circuits Total - 81 Hours Level 2 15 Hours	H3 Air Brake Systems & Power Assist Units Total - 81 Hours Level 3 25 Hours	H4 ABS System Fundamentals & Traction Control Total - 81 Hours Level 4 21 Hours
Course I: Electrical & Electronic Systems	I1 Electrical Fundamentals Total - 190 Hours Level 1 25 Hours	I2 Basic Electronic Components Total - 190 Hours Level 2 25 Hours	I3 Starting Systems Total - 190 Hours Level 2 30 Hours	I4 Charging Systems Total - 190 Hours Level 2 30 Hours
	I5 Body Electrical and Lighting Systems Total - 190 Hours Level 2 25 Hours	I6 Spark Ignition Systems Total - 190 Hours Level 3 10 Hours	I7 Electronic Control Systems, Programming & Scan Tools Total - 190 Hours Level 4 45 Hours	
Course J: Fuel Systems	J1 Fuel System Fundamentals, Gasoline Fuel Systems & Alternative Fuels Total - 70 Hours Level 3 10 Hours	J2 Diesel Fuel Injection, Engine Management & Exhaust Systems Total - 70 Hours Level 3 60 Hours		