

Level Chart: Agricultural Equipment Technician - 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	21
A2	Trade Safety Awareness	7	0	B2	Starting and Charging Systems	7	28
A3	Tools and Equipment	7	21	B3	Engines and Engine Support Systems I	21	49
A4	Trade Communications, Documents and Computer Skills	21	0	B4	Powertrain Fundamentals	7	42
A5	Engine Principles	7	28	B5	Electronics I: Fundamentals	7	21
A6	Electrical Fundamentals	14	56	B6	Agricultural Equipment I: Fundamentals	35	35
A7	Braking Systems and Wheel-End Safety	12	23				
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				
	Subtotals	112	168		Subtotals	84	196
	Total	280 hours			Total	280 hours	

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

Level Three (8 Weeks)				Level Four (5 Weeks)			
Code	Unit Title	T	P	Code	Unit Title	T	P
C1	Engines and Engine Support Systems II: Combustion Science/Emission Controls	21	14	D1	Journeyman Trainer	7	0
C2	Engines and Engine Support Systems III: Diesel Fuel Systems	35	35	D2	Electronics II: Precision Farming	14	35
C3	Alternate Fuels	7	0	D3	Hydraulic Testing and Diagnostics	7	14
C4	HVAC and Environmental Controls II	7	28	D4	Hydrostatic Testing and Diagnostics	7	14
C5	Hydraulics Service and Repair	21	49	D5	Cabs and Protective Structures	7	0
C6	Powertrains II: Agricultural Drivetrains	14	49	D6	Agricultural Equipment II: Diagnostics	14	21
				D7	Pre-Interprovincial Review	35	0
	Subtotals	105	175		Subtotals	91	84
	Total	280 hours			Total	175 hours	

T – Theory hours
P – Practical hours