

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	

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