Apprenticeship Manitoba

Level Chart: Agricultural Equipment Technician - Technical Training

Level One (8 Weeks)				Level Two (8 Weeks)			
Code	Unit Title	Т	Р	Code	Unit Title	T	Р
A1	Safety, WHMIS & Preventative Maintenance	5	0	B2	Customer Communications & Work Order Processing	7	0
A2	Equipment Access / Transport & Related Procedures	7	0	C2	Electric/Arc/MIG Welding	20	20
B1	Basic Computer Skills & Information Retrieval	6	14	G1	Tillage and Seeding Equipment; Ballasting	8	7
C1	Oxy Welding	2	18	G2	Harvesting & Hay Equipment	10	20
D1	Engine Systems & Repair Procedures	52	50	G3	Spraying	5	5
E1	Standard Transmission Systems, Drivelines, Transfer Cases & PTOs	25	38	H2	Basic Hydraulic Operating Principles; Schematics	30	0
F1	Tires & Wheel Assemblies	14	4	НЗ	Basic Hydraulic Components: Disassembly & Reassembly	0	50
H1	Brake Fundamentals & Components	15	5	12	Electrical Components & Schematics; Body Electrical & Warning Safety Systems	24	24
l1	Electrical Fundamentals	10	15	13	Starting and Charging Systems	10	26
				J1	Standard & Electronic Tuneup	7	7
	Subtotals	136	144		Subtotals	121	159
	Total	280 hours			Total	280 hours	

Level Three (6 Weeks)				Level Four (4 Weeks)			
Code	Unit Title	Т	Р	Code	Unit Title	Т	Р
E5	Basic Hydrostatic Operations, Schematics & Component Repair	7	14	A7	NOA Review	14	0
D2	Engine Diagnosis, Troubleshooting, Startup, & DynoTesting	7	42	E6	Hydrostatic Testing & Diagnostics	3	14
E2	Differentials, Drive Axles, Final Drives	4	12	F3	A/C Diagnostics & Testing	7	28
E3	Powershift Transmission & Torque Converters	4	16	H4	Hydraulic Testing & Diagnosis	4	21
E4	Advanced Standard Transmissions	3	17	14	Electronic Control Management Systems & Diagnostic Tools	9	40
F2	HVAC	14	0		-		
J2	Diesel Fuel Injection Systems: Diagnosis & Servicing	25	45				
	Subtotals	64	146		Subtotals	37	103
	Total	210 l	nours		Total	140 hours	