

Heavy Duty Equipment Mechanic Certificate Graduation Checklist

To graduate from this program, a student needs to complete ALL of the compulsory courses, PLUS ONE ELECTIVE, with a minimum GPA of 2.0 or better and no failures in any courses.

Compulsory Courses - Core	
SAFE-1101	Shop Safety and Tools
SAFE-1028	WHMIS
SEMR-9209	General Safety Training
TRAN-1003	Electrical Foundations
TRAN-2003	Electrical Systems
TRAN-1028	Engine Fundamentals
HETC 1020	Maintenance
HETC 1022	Wheel Ends, Tires and Brakes
HETC 1029	Powertrain Foundations
HETC 1032	Suspension, Steering, and Frames
HETC 1043	Hydraulic Foundations
WELD 1011	Welding
FIEL-2000	Field Experience
Compulsory Courses - Related	
MATH-1196	Math
SCIE-1023	Science
COMM-1173	Communication Strategies
Electives	
MARP-2080	Lawn and Garden
MARP-2079	Powersports, Performance and Tuning
AUTO-2094	Advanced Engine Repair
HETC-2001	Diesel Engine Overhaul
HETC-2002	Engine Management
HETC-2015	Torque Convertors & Automatic Transmissions
HETC-2016	Advanced Hydraulic Systems
HETC-2017	Air Brakes
AUTO-1279	Service Advisor*
FIEL-1279	Service Advisor Field Experience*
	*Co-requisite courses

Students graduating with a GPA of 3.0 or higher are eligible to receive Level 1 Apprenticeship Accreditation. This would enable the student to continue in Level 2 Apprenticeship in any one of the following trades: Agricultural Equipment Technician, Heavy Duty Technician, Truck Transport Technician