

Alberta Education Mechanics Courses with Prerequisites			
Introductory	Intermediate	Advanced	Theme
MEC1010 - Modes & Mechanisms MEC1015 - Tools & Materials MEC1020 - Vehicle Service & Care	MEC2010 - Vehicle Detailing MEC2020 - Vehicle Maintenance <i>Prerequisite: MEC1020</i>	MEC3010 - Buying & Selling Vehicles MEC3020 - Vehicle Value Appraisal <i>Prerequisite: MEC2020</i>	Vehicle Design and Ownership
MEC1040 - Engine Fundamentals	MEC 2030 - Lubrication & Cooling <i>Prerequisite: MEC1040</i> MEC2040 - Fuel & Exhaust Systems <i>Prerequisite: MEC1040</i> MEC2050 - Alternate Fuel Engines MEC2060 - Ignition Systems MEC2070 - Emission controls	MEC 3030 - Engine Diagnostics <i>Prerequisite: MEC1040</i> MEC3040 - Engine Tune Up <i>Prerequisite: MEC3030</i> MEC3050 - Engine Replacement <i>Prerequisite: MEC1040</i> MEC3060 - Engine Reconditioning 1 <i>Prerequisite: MEC1040</i> MEC3070 - Engine Reconditioning 2 <i>Prerequisite: MEC1040</i> MEC3080 - Alternate Energy Systems <i>Prerequisite: MEC2050</i>	Propulsion Systems
MEC1090 - Electrical Fundamentals Systems MEC1110 - Pneumatics & Hydraulics Systems MEC1130 - Mechanical Systems	MEC2090 - Electrical Components <i>Prerequisite: MEC1090</i> MEC2100 - Power Assist Accessories <i>Prerequisite: MEC1110</i> MEC2110 - Braking Systems <i>Prerequisite: MEC1110</i> MEC2120 – Hydraulic Accessories <i>Prerequisite: MEC1110</i> MEC2130 - Drive Line <i>Prerequisite: MEC1130</i> MEC2140 - Transmission/Trans Axle <i>Prerequisite: MEC1130 & MEC2130</i>	MEC3090 - Computer Systems <i>Prerequisite: MEC2070</i> MEC3100 - Safety Systems <i>Prerequisite: MEC2100</i> MEC3110 - Climate Control <i>Prerequisite: MEC2030</i> MEC3120 - Power Assisting <i>Prerequisite: MEC2100</i> MEC3130 - Automatic Transmission <i>Prerequisite: MEC1110</i> MEC3140 - Drive Train Repair <i>Prerequisite: MEC2130</i>	Guidance and Control Systems
MEC1150 - Ride & Control Systems MEC1160 - Structures & Materials MEC1165 - Welding Fundamentals <i>Prerequisite: MEC1015</i> MEC1170 - Metal Forming & Finishing <i>Prerequisite: MEC1160</i> MEC1190 - Surface Preparation MEC1910 - MEC Project A	MEC2150 - Suspension Systems <i>Prerequisite: MEC1150</i> MEC2160 - Steering Systems <i>Prerequisite: MEC1150</i> MEC2170 - Metal Repair & Refinishing <i>Prerequisite: MEC1170</i> MEC2180 - Trim Replacement MEC2190 - Surface Preparation 2 <i>Prerequisite: MEC1190</i> MEC2200 - Refinishing 1 <i>Prerequisite: MEC2190</i> MEC2210 - Touch Up & Finishing <i>Prerequisite: MEC2200</i> MEC2220 - Interior Repairs <i>Prerequisite: MEC1160</i> MEC2910 - MEC Project B MEC2920 - MEC Project C MEC2950 - Intermediate Practicum	MEC3150 - Wheel Alignment <i>Prerequisite: MEC2150</i> MEC3160 - Body Repair Estimation <i>Prerequisite: MEC1160</i> MEC3170 - Damage Analysis <i>Prerequisite: MEC2170</i> MEC3180 - Damage Repair 1 <i>Prerequisite: MEC2170</i> MEC3190 - Damage Repair 2 <i>Prerequisite: MEC3180</i> MEC3200 - Refinishing 2 <i>Prerequisite: MEC2200</i> MEC3210 - Plastic & Fiberglass <i>Prerequisite: MEC1160</i> MEC3220 - Glass Replacement <i>Prerequisite: MEC2180</i> MEC3230 - Refinishing 3 <i>Prerequisite: MEC3200</i> MEC3910 - Mec Project D MEC3920 - Mec Project E MEC3950 - Advanced Practicum	Suspension and Structural Systems

Note: Alberta Ed will not fund credits without the completed prerequisites.