

Motor Vehicle Body Repairer (Metal and Paint)

This program is designed to assist you in developing sufficient basic skills and knowledge to enter the labor force as an apprentice Mechanic in Motor Vehicle Body Repairer (Metal and Paint). Some of the duties include: repair and replace damaged motor vehicle structures and body parts, interior and exterior finishes, hammer out dents, buckles and other defects using blocks and hammers, operate soldering equipment or use plastic filler to fill holes, dents and seams, remove damaged fenders, panels and grills using wrenches and cutting torch and both to weld replacement parts into place, straighten bent frames using frame and underbody pulling and anchoring equipment, file grind and same repaired body surfaces using hand and power tools, mask and tape auto body surfaces in preparation for painting. You will probably work a forty hour, five day week with occasional overtime. The work environment is indoors and noisy. You should have the strength and stamina to handle heavy tools and parts, good manual dexterity, good eye for detail, good color vision, the ability to keep up to date with the annual changes manufacturers make in plastics, electronics, metals, supplemental restraints and paints.

OUTCOMES

1. Demonstrate safe work practices and personal protection.
2. Use tools and equipment.
3. Repair and replace trim.
4. Repair and replace structural components.
5. Repair and replace panels.
6. Replace structural and non-structural glass.

ENTRANCE REQUIREMENTS

Eligibility for admission requires the applicant to meet one of the following academic criteria:

1. High School

High School Graduation

2. Comprehensive Arts and Science (CAS) Transition

Comprehensive Arts and Science (Transition) Certificate

3. Adult Basic Education

Adult Basic Education (Level III) Graduation with General College Profile (or Business Related College Profile or Degree and Technical Profile). It is strongly recommended that courses include the following:

- i. Mathematics MA3107A, MA3107B, MA3107C
- ii. Science 3101, 3102, 3103

4. Mature Student Status

Applicants who do not meet the educational prerequisites, are 19 years of age or older and have been out of school for at least one year, may be considered on an individual basis under the Mature Student Clause.

EMPLOYMENT OPPORTUNITIES

You may find employment in all phases of the Motor Vehicle Body Repairer (Metal and Paint) trade, especially with garages and service stations. Additional experience and training may lead to self employment or employment as a shop foreperson, inspector, or claims investigator, as well as to work in the automotive sales and service area.

CERTIFICATE

- Red Seal Certification
- One year
- September start
- Prince Philip Drive Campus

COURSES

CODE	TITLE	Hrs
Block 1	Entry Level	
TS1510	Occupational Health and Safety	6
TS1520	WHMIS	6
TS1530	Standard First Aid	14
AB1600	Trade Related Documents	12
AB1610	Safety	12
AB1620	Tools and Equipment	45
AB1630	Fasteners and Adhesives	12
AB1641	Vehicle Construction	16
AB1651	Pre/Post Repair Vehicle Inspection	12
AB1660	Metallurgy	30
AB1671	Cutting and Heating	30
AB1680	Gas Metal Arc Welding (GMAW [MIG])	45
AB1690	Resistance Spot Welding	15
AB1701	Metal Working I (Mild Steel)	55
AB1711	Body Fillers and Abrasives	40
AB1721	Corrosion Protection	40
AB1731	Surface Preparation (Cleaning, Stripping and Masking)	70
AB1740	Non-Metal Repair	90
AB1750	Stationary Glass	30
AB1760	Moveable Glass and Hardware	30
AB1770	Undercoats	40
AB1780	Cleaning and Detailing	30
AB1790	Upholstery, Trim and Hardware	30
AB1800	Refinishing I	60
AB1811	Batteries	10
AP1100	Introduction to Apprenticeship	15
CM2150	Workplace Communications	45
MA1060	Basic Math	60
MC1050	Introduction to Computers	30
MR1220	Customer Service	30
SP2330	Quality Assurance/Quality Control	30
SD1700	Workplace Skills	30
SD1710	Job Search Techniques	15
SD1720	Entrepreneurial Awareness	15
OT1210	Workplace Exposure	60
Block 2	Advanced Level	Hrs
AB2700	Metal Working II (Aluminum)	45
AB2710	Electronic Fundamentals	75
AB2720	Position Arc Welding (GMAW)	30
AB2730	Restraints Systems	30
AB2740	Structural Components	60
Block 3	Advanced Level	Hrs
AB2800	Refinishing II	75
AB2811	Non-Structural Components	60
AB2821	Electrical and Electronic Repairs	60
AB2830	Damage Analysis of Conventional Frames and Unitized Bodies	45
Block 4	Advanced Level	Hrs
AB2901	Mechanical Systems and Components	68
SV1110	Ozone Depletion	7
AB2910	Steering Suspension and Braking Systems	75
AB2920	Unitized Body Repairs	30
AB2930	Conventional Frame Repair	30
AB2940	Damage Analysis and Estimating Costs	30

