

Auto Body Technology

Award Type: Associate in Science

The auto body curriculum is designed to prepare students for entry level career opportunities in the auto collision industry involving auto body metal repair, frame measurement and alignment, welding, automotive electrical, and refinishing techniques found in the collision industry. Emphasis is also given to safety, ethics, and work habits needed to succeed in the auto collision trade.

The graduate of the Associate in Science in Auto Body Technology will:

- Develop, practice and apply good work and safety habits while in the auto body workplace.
- Develop work skills, involving plastic filler application, metal finishing, frame alignment, MIG welding and structural repair.
- Apply vehicle service information skills to evaluate major damage and implement repair procedures.
- Develop the ability to refinish vehicles using modern urethane paints and primers.
- Develop occupational skills including; team work, work habits, ethics, and communication skills.
- Identify estimating processes used in the collision industry

Program Requirements

A major of 23 units is required for the degree. Required core courses (17 units):

Course Number	Course Title	Units
AB 351	Auto Body - Metal	3.0
AB 353	Auto Body Repair	3.0
AB 356	Automotive Painting Techniques	3.0
AB 358	Automotive Refinishing	3.0
AB 360	Collision Repair	5.0

Plus a minimum of 6 units from the following

Course Number	Course Title	Units
AB 300	Shop Math and Measurement	3.0
AT 303	Automotive Electricity	5.0
AB 370	SkillsUSA	3.0
WLDT 106	Beginning Welding	3.0