



Wayne
County
Community
College
District

Auto Body Technology

PAY

In May 2022, the median annual wage for automotive body and related repairers was \$47,670.

JOB OUTLOOK

Employment of automotive body and glass repairers is projected to show little or no change from 2022 to 2032. Despite limited employment growth, about 15,100 openings for automotive body and glass repairers are projected each year, on average, over the decade.

Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook, December 11, 2023, Automotive Body and Glass Repairers, on the Internet at <http://www.bls.gov/ooh/installationmaintenance-and-repair/automotive-body-and-glass-repairers.htm>

ABOUT THE PROGRAM

The Auto Body Technology Associate of Applied Science degree is designed to provide students with in-depth instruction in the field of Automotive Body Paint and Repair. The Auto Body Technology Program is designed to develop qualified technicians who can diagnose, repair and service the body and finish work of automobiles. The program provides opportunities for the student to develop their skills and competencies for positions such as Automotive Painter, Auto Body



Paint and Repair Technician, Collision Repair Technician, Glazier (glass repair specialist), as well as self-employment in the Auto Body and Auto Collision repair field. The program prepares students for the National Institute for Automotive Service Excellence (ASE) and State of Michigan certifications in Damage Repair and Refinishing, and Damage Analysis and Estimating.

WHAT DO AUTO BODY TECHNICIANS DO?

Auto Body Technicians inspect car frames for structural damage. Technicians can restore, refinish, and replace vehicle bodies and frames, windshields and window glass. Technicians can repair most damage from vehicle collisions and make vehicles look and drive like new. Damage may be minor, such as replacing a cracked windshield, or major, such as replacing an entire door panel. After a major collision, the underlying frame of a car can become bent out of shape. Repairers restore the structural integrity of car frames back to manufacturer specifications.

WHERE DO THEY WORK?

Repair technicians work indoors in body shops, which are often noisy. Most shops are well ventilated to disperse dust and paint fumes. Repair technicians sometimes work in awkward and cramped positions, and their work can be physically demanding. Automotive glass installers and repairers often travel to the customer's location to repair damaged windshields and window glass.



Recommended Sequence of Courses

Auto Body Technology: College Certificate

CR. No.	COURSE TITLE	CREDITS
<u>SEMESTER 1</u>		
ABT 101	Intro to Auto Body Technology . . .	4
ABT 103	Auto Body Work Environment and Safety	4
ABT 131	Introduction to Electrical/ Mechanical Repair	2
CIS 110	Intro to Computer Info Systems . .	4
SEMESTER TOTAL		14

SEMESTER 2

ABT 105	Damage Analysis and Repair Estimating	4
ABT 141	Surface Preparation and Fillers . .	4
ENG 119	English I	3
MAT 105	Pre-Algebra	3
—OR—		
MAT 111	Pre-College Mathematics	3
SEMESTER TOTAL		14

SEMESTER 3

ABT 201	Basic Automotive Finishes	4
ABT 203	Advanced Finishes/Custom Paint . .	4
SEMESTER TOTAL		8
CERTIFICATE TOTAL		36

Note: Certificate totals may not include prerequisites.

Auto Body Technology: Associate of Applied Science (A.A.S.)

CR. No.	COURSE TITLE	CREDITS
<u>SEMESTER 1</u>		
ABT 101	Intro to Auto Body Technology . . .	4
ABT 103	Auto Body Work Environment and Safety	4
ABT 131	Introduction to Electrical/ Mechanical Repair	2
CIS 110	Intro to Computer Info Systems . .	4
SEMESTER TOTAL		14

SEMESTER 2

ABT 105	Damage Analysis and Repair Estimate	4
ABT 141	Surface Preparation and Fillers . .	4
MAT 105	Pre-Algebra	3
—OR—		
MAT 111	Pre-College Mathematics	3
ENG 119	English I	3
SEMESTER TOTAL		14

SEMESTER 3

ABT 201	Basic Auto Finishes	4
ABT 203	Advanced Finishes/Custom Paint	4
SEMESTER TOTAL		8

SEMESTER 4

WLT 101	Arc/Oxygen - Acetylene Welding . .	5
Elective:	Humanities	3
PS 101	American Government	3
ENG 120	English II	3
SEMESTER TOTAL		14

SEMESTER 5

SPH 101	Fundamentals of Speech	3
Elective:	Natural Science with Lab	4
WLT 105	MIG/Flux-Core/Plasma Welding	5
SEMESTER TOTAL		12

A.A.S. PROGRAM TOTAL62

Note: Program totals may not include prerequisites.