

Autobody Repair (D60100)

Official Program Description registered with NC Community College System:

The Autobody Repair curriculum provides training in the use of equipment and materials of the autobody repair trade. The student studies the construction of the automobile body and techniques of autobody repairing, rebuilding, and refinishing.

The course work includes autobody fundamentals, industry overview, and safety. Students will perform hands-on-repairs in the areas of non-structural and structural repairs, mig welding, plastics and adhesives, refinishing, and other related areas.

Graduates of the curriculum should qualify for entry-level employment opportunities in the automotive body and refinishing industry. Graduates may find employment with franchised independent garages, or they may become self-employed.

Program Learning Outcomes

This program prepares Autobody Repair graduate to fulfill entry-level responsibilities in the Autobody repair and refinish industry. Upon completion, each student has the knowledge base to:

- Compete in all areas of collision repair, including: damage analysis and cost estimation; panel repair and replacement; corrosion protection; paint preparation and proper painting procedures; resolving paint problems; final detailing, diagnosing, measuring, and straightening structural damage; welding and cutting procedures; structural and cosmetic repairs to steel, fiberglass, plastics, and composite materials; recognizing various types of mechanical damage, glass repair, as well as the proper use of standard and specialty equipment and tools. Special emphasis is placed on safety and environmental issues.

Diploma Awarded

A Diploma in Autobody Repair is awarded by the College upon completion of this program.

Note

Students are required to purchase tools, Personal Protective Equipment (PPE), and designated work attire. Approximate costs for these items can be obtained by calling the Autobody Repair department at (919) 735-5151, ext. 214 or 363. Students are required to adhere to strict safety and ethical practices.

For More Information

The Autobody Repair program is in the Applied Technology Division. For more information, call (919) 735-5151, ext. 214 or 279 or visit us at our web site at <http://www.waynecc.edu/autobody/>.

Admission

A placement test in reading, math and computer skills is required to determine entry-level courses that match individual needs.

First Step to Enroll:

Call the Admissions and Records Office at (919) 735-5151, ext. 238.

		Contact Hours	Semester Credit Hours
FIRST SEMESTER			
ACA 111	College Student Success.....	1	1
AUB 111	Painting & Refinishing I.....	8	4
AUB 121	Non-Structural Damage I.....	5	3

AUB 131	Structural Damage I.....	6	4
AUB 134	Autobody Mig Welding.....	5	3
AUB 160	Body Shop Operations.....	1	1
AUB 162	Autobody Estimating.....	3	2
ENG 102	Applied Communications II.....	3	3
			21
SECOND SEMESTER			
AUB 112	Painting and Refinishing II.....	8	4
		Contact Hours	Semester Credit Hours
AUB 122	Non-Structural Damage II.....	8	4
AUB 132	Structural Damage II.....	8	4
MAT 101	Applied Mathematics I.....	4	3
CIS 111	Basic PC Literacy.....	3	2
		OR	
COE 112	Co-op Work Experience I.....	20	2
			17
SUMMER TERM			
AUB 114	Special Finishes.....	3	2
AUB 136	Plastics & Adhesives.....	5	3
AUB 141	Mech and Elec.....	4	3
AUB 150	Detailing.....	4	2
		OR	
COE 122	Co-op Work Experience II.....	20	2
			10
Total Credit Hours			48