

# Auto Body Repair Technology

The auto body repair technology program teaches students the basic elements of metal finish repair, frame alignment, panel replacement, major body damage, and unibody technologies for today's automobiles, using the very latest equipment and training materials available. Students develop skills in welding, metalworking, refinishing, straightening and alignment, installation of glass, hardware, and trim, as well as estimating and shop management skills. Graduates are prepared for jobs in independent body shops or new and used car dealerships. With additional education, opportunities also exist for careers in insurance adjusting and teaching. A custom paint class is also available as an option.

The auto body repair technology program has incorporated an employer and student guarantee into its program of study that states: Any "certified" graduate judged to be lacking in technical job skill normally expected of a job-entry level employee will be provided further skill training of up to 14 credit hours, without charge, by Northeast Community College. For more detailed information on this guarantee, contact a program instructor.

Northeast Community College and Wayne State College have an agreement that Wayne State will accept up to 66 credit hours from Northeast toward a bachelor of science degree in technology. (Enrollment into this program is limited and is based on the date of application.)

## Required Program of Study for Associate of Applied Science Degree (2 years)

<b><i>Freshman Year</i></b>
-----------------------------

**FIRST SEMESTER**

Course	Credits
AUTB 1010 Glass, Trim, and Body Panel Adjustments .....	1.5
AUTB 1020 Glass, Trim, and Body Panel Adjustments Lab .....	2.5
AUTB 1030 Auto Body Welding Theory .....	1
AUTB 1040 Auto Body Welding Lab .....	2
AUTB 1050 Collision Damage and Metalworking Theory .....	2.5
AUTB 1060 Collision Damage and Metalworking Lab .....	4.5
PSYC 1000 Human Relations .....	2
	16

**SECOND SEMESTER**

Course	Credits
AUTB 1210 Major Body Damage Repair Theory .....	5
AUTB 1220 Major Body Damage Repair Lab .....	4.5
AUTB 1240 Advanced Metalworking Lab .....	4.5
AUTB 1290 Job Search & Employment .....	1
INFO 1000 Basic Computer Applications .....	2
MATH 1030 Applied Mathematics I .....	2
	19

**REQUIRED SUMMER: 12 weeks**

AUTB 1300 Cooperative Internship I .....	8
Prerequisite: Successful completion of first and second semesters of the auto body program.	

<b><i>Sophomore Year</i></b>
------------------------------

**FIRST SEMESTER**

Course	Credits
AUTB 2010 Care of Car and Paint Finish Theory .....	1
AUTB 2020 Care of Car and Paint Finish Lab .....	2
AUTB 2030 Automotive Refinishing Theory .....	4
AUTB 2040 Automotive Refinishing Lab .....	7
ENGL 1050 Career Composition .....	3
MATH 1050 Applied Mathematics II .....	2
	19

**SECOND SEMESTER**

Course	Credits
AUTB 2210 Frame and Unitized Body Alignment Theory .....	4
AUTB 2220 Frame and Unitized Body Alignment Lab .....	5.5
AUTB 2230 Estimating and Management Theory .....	1
AUTB 2240 Applied Body Repair Lab .....	3.5
ECON 1010 Personal and Business Finance .....	2
	16

**Additional Auto Body Classes**

(May not be substituted for program requirements):

AUTB 1070 Auto Body Restoration Theory I; AUTB 1080 Auto Body Restoration Lab I; AUTB 1085 Auto Body Restoration Lab II; AUTB 1090 Auto Body Restoration Lab III; AUTB 1095 Auto Body Restoration Lab IV; AUTB 2050 Advanced Auto Refinishing Lab I; AUTB 2052 Advanced Auto Refinishing Lab II; AUTB 2054 Advanced Auto Refinishing Lab III; AUTB 2056 Advanced Auto Refinishing Lab IV; AUTB 2060 Auto Body Advanced Painting Lab I; AUTB 2062 Auto Body Advanced Painting Lab II; AUTB 2064 Auto Body Advanced Painting Lab III; AUTB 2066 Auto Body Advanced Painting Lab IV; AUTB 2070 Advanced Auto Body Repair & Refinishing Lab I; AUTB 2072 Advanced Auto Body Repair & Refinishing Lab II; AUTB 2074 Advanced Auto Body Repair & Refinishing Lab III; AUTB 2076 Advanced Auto Body Repair & Refinishing Lab IV; AUTB 2080 Advanced Technologies Theory I; AUTB 2082 Advanced Technologies Theory II; AUTB 2084 Advanced Technologies Theory III; AUTB 2090 Customized Painting Theory I; AUTB 2092 Customized Painting Theory II