

Auto Body Repair and Refinishing Technology

► Contact Information

James Erdahl, program coordinator
James.Erdahl@ndscs.edu
701-671-2163
Ballweber Hall 207

► Delivery Methods

Face-to-Face: Wahpeton

The Auto Body Repair and Refinishing Technology curriculum is designed to provide students with the education and training to enter the collision repair industry. The comprehensive program enables students to gain entry-level employment and with additional field experience, they can enjoy lifetime employment in this lucrative industry. Most graduates start in collision repair shops; however, graduates find opportunities in related fields such as equipment and material representatives, insurance adjusters, industry technical trainers and shop managers.

I-CAR, an industry non-profit national training organization, estimates the collision industry is short 50,000 technicians in the United States at this time, providing a wonderful opportunity for graduates. There are usually four employers to each available graduate each year.

Students are trained hands-on with the latest equipment found in the industry. This includes computer estimating, computer measuring systems, computer paint mixing, wheel alignment, refinishing, spot repair and custom painting. All learning takes place primarily on live customer projects, with some classroom activities. Often students will bring their own vehicles to repair adding to their overall experience.

The program is NATEF Certified and accredited through PPG Partners in Education™, an exclusive partnership that assures high standards for curriculum and faculty training.

The applicants must be high school graduates or equivalent. Students considered for acceptance must complete all admission requirements.

Required minimum placement scores:

<u>ACT</u>	<u>ACCUPLACER</u>
Reading – 15	<u>NEXT GENERATION</u>
English – 15	Reading – 240
	Writing – 237

Or transfer equivalencies will apply as appropriate

Applicants not meeting the above requirements are encouraged to visit with the academic counselor at 701-671-2257 or the Auto Body Repair and Refinishing Technology program coordinator at 701-671-2163 for strategies to meet the admission requirements.

**Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.*

Award

Upon successful completion of the required courses, students will be awarded a diploma or Associate in Applied Science degree in Auto Body Repair and Refinishing Technology.

Course Code	Course Title	Credits
Diploma and Associate in Applied Science		
ABOD 101	Basic Auto Body Repair Techniques Lab	4
ABOD 102	Basic Auto Body Production Lab I	4
ABOD 103	Basic Auto Body Production Lab II	4
ABOD 104	Basic Auto Body Production Lab III	4
ABOD 113	Basic Auto Body Repair Techniques I	2
ABOD 115	Basic Auto Body Repair Techniques II	2
ABOD 116	Refinishing Equipment/Plastic Repair	2
ABOD 117	Refinishing Materials	2
ABOD 200	Mechanical/Electrical Components	3
ABOD 201	Steering, Suspension and Wheel Alignment	2
ABOD 202	Structural Repair Equipment	2
ABOD 203	Advanced Damage Analysis Lab I	8
ABOD 204	Structural Repair Techniques	2
ABOD 205	Estimating and Job Costing	2
ABOD 206	Advanced Damage Analysis Lab II	8
MFGT 110	Industrial Shop Practices	2

Related/General Education Courses for Diploma

ENGL 105	Technical Communications	3
or ENGL 110	College Composition I (3)	
Mathematics and/or Science		3
Social and Behavioral Sciences, Humanities, History and/or Computer Electives		4
Recommended:		
• CIS 101	Computer Literacy – 2 cr	
• PSYC 100	Human Relations in Organizations – 2 cr	
Wellness Elective		1
General Education Elective		1
FYE 101	Science of Success	1

Total Required Credits for Diploma **66**

A student must complete all required Auto Body courses and all general education courses as listed above.

Related/General Education Courses for Associate in Applied Science

ENGL 110	College Composition I	3
English/Communication Elective (choose one)		3
ENGL 105	Technical Communications	
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
COMM 110	Fundamentals of Public Speaking	
Mathematics and/or Science		3
Social and Behavioral Sciences, Humanities, History and/or Computer Electives		4
Recommended:		
• CIS 101	Computer Literacy – 2 cr	
• PSYC 100	Human Relations in Organizations – 2 cr	
Wellness Electives		2
General Education Electives		3
FYE 101	Science of Success	1

Total Required Credits for Associate in Applied Science **72**

A student must complete all required Auto Body courses and all general education courses as listed above.