

TRANSPORTATION

AUTO BODY COLLISION TECHNOLOGY

* All students applying for the transportation programs are **REQUIRED** to attend a Tuesday Campus Visit

Delivery: Daytime Classes

Start: Fall Semester, Full-Time

OUTCOMES

Auto Body Collision Technology A.A.S. Degree	72 cr.
Auto Body Collision Technology Diploma	64 cr.
Body Technician Certificate.	28 cr.
Paint Prep Certificate	21 cr.
Estimator Certificate.	14 cr.

MAJOR DESCRIPTION

Auto body collision technicians are the skilled professionals who accurately diagnose and repair collision-damaged vehicles. Repairing today's advanced passenger vehicles requires knowledge and training in metals, plastics, structural repairs and refinishing. Instruction involves classroom theory, demonstrations and the hands-on repair of customer vehicles. Classroom presentation includes I-CAR Enhanced Delivery Collision Repair Training.

WORK ENVIRONMENT

Skilled graduates find rewarding careers as body, frame or paint technicians, adjusters, appraisers and managers in franchise or independent body shops, dealerships, specialty shops and insurance companies.

POTENTIAL JOB TITLES

- Collision Repair Technician
- Detailer
- Estimator
- Glass Installer
- Paint Prepper
- Paint Technician

SALARY DATA

- Average Wage: \$24.12/hour
- Top Earners: \$33.53/hour

ACCREDITATION

This program is accredited by the National Automotive Technician Education Foundation (NATEF) and the Inter-Industry Conference on Auto Collision Repair (I-CAR).

AUTO BODY COLLISION TECHNOLOGY A.A.S. DEGREE

This is a sample course sequence.

Please contact your program advisor regarding your academic plans.

First Year - First Semester 18 cr

ABCT1111	Collision Repair Welding I	2
ABCT1120	Sheet Metal Repair	5
ABCT1130	Refinishing Preparation I	2
ABCT1142	Glass, Trim and Hardware	4
ABCT1150	Reconditioning and Detailing	2
ENGL1150	Composition I (or ENGL1200).	3

First Year - Second Semester 18 cr

ABCT1212	Collision Repair Welding II	2
ABCT1214	Refinishing Preparation II	3
ABCT1216	Refinishing Application	5
ABCT1230	Auto Body Plastic Repair	2
PHIL1200	Critical Thinking.	3
SPEE1020	Interpersonal Communication.	3

Second Year - First Semester 18 cr

ABCT2103	Damage Analysis, Estimating, & Customer Service.	2
ABCT2106	Collision Damage Repair/Replacement	6
ABCT2108	Unibody/Frame/Wheel Alignment I	4
ABCT2230	Body Mechanical and Air Conditioning	3
BIOL1110	Environmental Science	3

Second Year - Second Semester 18 cr

ABCT2100	Body Electrical.	2
ABCT2212	Unibody/Frame/Wheel Alignment II.	6
ABCT2240	Emerging Technologies.	2
ABCT2970	Autobody Internship	5
HIST1450	The History of Minnesota	3

TOTAL PROGRAM REQUIREMENTS 72

AUTO BODY COLLISION TECHNOLOGY DIPLOMA

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First Year - First Semester 18 cr

ABCT1111	Collision Repair Welding I.....	2
ABCT1120	Sheet Metal Repair	5
ABCT1130	Refinishing Preparation I.....	2
ABCT1142	Glass, Trim and Hardware.....	4
ABCT1150	Reconditioning and Detailing	2
ENGL1150	Composition I (or ENGL1200).....	3

First Year - Second Semester 18 cr

ABCT1212	Collision Repair Welding II	2
ABCT1214	Refinishing Preparation II	3
ABCT1216	Refinishing Application	5
ABCT1230	Auto Body Plastic Repair	2
PHIL1200	Critical Thinking	3
SPEE1020	Interpersonal Communication.....	3

Second Year - First Semester 15 cr

ABCT2103	Damage Analysis, Estimating, & Customer Service .	2
ABCT2106	Collision Damage Repair/Replacement	6
ABCT2108	Unibody/Frame/Wheel Alignment I	4
ABCT2230	Body Mechanical and Air Conditioning	3

Second Year - Second Semester 13 cr

ABCT2100	Body Electrical.....	2
ABCT2212	Unibody/Frame/Wheel Alignment II.....	6
ABCT2970	Autobody Internship	5

TOTAL PROGRAM REQUIREMENTS 64

BODY TECHNICIAN CERTIFICATE

This is a sample course sequence.

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Required Curriculum 28 cr

ABCT1111	Collision Repair Welding I.....	2
ABCT1120	Sheet Metal Repair	5
ABCT1142	Glass, Trim and Hardware.....	4
ABCT1212	Collision Repair Welding II	2
ABCT2100	Body Electrical.....	2
ABCT2106	Collision Damage Repair/Replacement	6
ABCT2108	Unibody/Frame/Wheel Alignment I	4
ABCT2230	Body Mechanical and Air Conditioning	3

TOTAL PROGRAM REQUIREMENTS 28

PAINT PREPARATION CERTIFICATE

This is a sample course sequence.

Please contact your program advisor regarding your academic plans.

Required Curriculum 21 cr

ABCT1130	Refinishing Preparation I.....	2
ABCT1142	Glass, Trim and Hardware.....	4
ABCT1150	Reconditioning and Detailing	2
ABCT1214	Refinishing Preparation II	3
ABCT1216	Refinishing Application	5
ABCT1230	Auto Body Plastic Repair	2
	General Elective (SPEE1020 or ENGL1200)	3

TOTAL PROGRAM REQUIREMENTS 21

ESTIMATOR CERTIFICATE

This is a sample course sequence.

Please contact your program advisor regarding your academic plans.

Required Curriculum 14 cr

ABCT1120	Sheet Metal Repair	5
ABCT2103	Damage Analysis, Estimating, & Customer Service .	2
ABCT2108	Unibody/Frame/Wheel Alignment I	4
	General Elective (SPEE1020 or ENGL1200)	3

TOTAL PROGRAM REQUIREMENTS 14



**DAKOTA COUNTY
TECHNICAL COLLEGE**

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