

# 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  
 Location: Rosemount Campus

### 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

### 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

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
<b>Total Credits</b>		<b>18</b>

#### First Year - Second Semester

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
<b>Total Credits</b>		<b>18</b>

#### Second Year - First Semester

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
<b>Total Credits</b>		<b>18</b>

#### Second Year - Second Semester

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
<b>Total Credits</b>		<b>18</b>

**TOTAL PROGRAM REQUIREMENTS 72**

## AUTO BODY COLLISION TECHNOLOGY - DIPLOMA

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### First Year - First Semester

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
<b>Total Credits</b>		<b>18</b>

### First Year - Second Semester

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
<b>Total Credits</b>		<b>18</b>

### Second Year - First Semester

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
<b>Total Credits</b>		<b>15</b>

### Second Year - Second Semester

ABCT2100	Body Electrical	2
ABCT2212	Unibody/Frame/Wheel Alignment II	6
ABCT2970	Autobody Internship	5
<b>Total Credits</b>		<b>13</b>

**TOTAL PROGRAM REQUIREMENTS 64**

## BODY TECHNICIAN - CERTIFICATE

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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
<b>Total Credits</b>		<b>28</b>

**TOTAL PROGRAM REQUIREMENTS 28**

## PAINT PREPARATION - CERTIFICATE

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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 Education (SPEE1020 or ENGL1200)		3
<b>Total Credits</b>		<b>21</b>

**TOTAL PROGRAM REQUIREMENTS 21**

## ESTIMATOR - CERTIFICATE

*This is a sample course sequence.*

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ABCT1120	Sheet Metal Repair	5
ABCT2103	Damage Analysis, Estimating, & Customer Service	2
ABCT2108	Unibody/Frame/Wheel Alignment I	4
General Education (SPEE1020 or ENGL1200)		3
<b>Total Credits</b>		<b>14</b>

**TOTAL PROGRAM REQUIREMENTS 14**



**DAKOTA COUNTY**  
**TECHNICAL COLLEGE**

**Real Education. Real Results.**

2017-2018 CATALOG