



Automotive Collision Technology A.S. Degree

FULL TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

GE Pattern: local AA/AS

Total Units: 72

First Year

Semester 1

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	ACT 100	Automotive Collision Basics	4	
Req	ACT 131	Automotive Collision Welding	4	
Req	AT 100	Technical Basics for the Automotive Professional	3	
Req	AT 105	Mathematics for Automotive Technology	3	
GE		any Area IIIa (PE Activity) course	1	IIIa

Semester 2

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	ACT 110	Component Repairs	4	
Req	ACT 120	Non-Structural Repair	4	
Req	ACT 161	Automotive Collision Software Systems, Estimating I	4	
GE	ENGWR 300 / 480 ^H	College Composition	3	Ila WC

Second Year

Semester 3

14 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	ACT 130	Structural Repair	4	
Req	ACT 140	Automotive Refinishing	4	
Req	AT 180	Automotive Data Acquisition	3	
Req	AT 310	Heating and Air-Conditioning Systems	3	

Semester 4

13 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	AT 311	Suspension and Steering Systems	3	
Req	AT 330	Automotive Electrical Systems	3	
Req	ACT 298	Work Experience in Collision Technology	4	IIIb
GE	MATH 300	Introduction to Mathematical Ideas	3	Ilb MC

Third Year

CAREER PATH

Career Options:

Potential careers include auto body repairman, auto body repair technician, and fabricator.

Potential employers include automotive dealerships, heavy duty dealerships, government agencies, and independent auto shops.

Advising Notes:

- Students can substitute ESLW 340 for ENGWR 300/480.

Scheduling Notes:

- All ACT courses are offered at the Mather Center. The AT courses are offered at the ARC main campus.

Other Notes:

- Accidents happen on the roadways and trained technicians are needed to fix the damage. Our instructors bring real-world experience to teach the skills needed to reshape and restore a variety of vehicles. Training is given in both theory and practical skills. Students receive practical on-the-job skills from frame to fully repaired body fabrication.
- At the end of the fourth semester, students qualify for the **Automotive Collision Technology certificate**.
- An internship (ACT 298) is required as it opens up potential employment opportunities. Students can earn at least 4 units for related paid or unpaid work experience including volunteer and internship positions through ACT

Semester 5

15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		any Area I (Humanities) course	3	I
GE		any Area IV (Natural Sciences) course	3	IV
GE		any Area Va (American Institutions) course	3	Va
GE		any Area Vb (Social & Behavioral Sciences) course	3	Vb
GE		any Area VI (Ethnic/Multicultural Studies) course	3	VI

^H honors courses

298. See the [Work Experience website](#) for more information.

EXPLANATION OF CATEGORIES		
Req	Required Core	A course that is required for this program
GE	General Education	A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement

Graduation Requirement

A course that fulfills a specific graduation requirement which can be replaced by another course that meets the same graduation requirement.

- MC** = Math Competency
- WC** = Writing Competency