

Collision Repair Technology

General description: The Collision Repair Technology program prepares students for entry-level positions and career advancement in the collision repair industry. This program trains students to repair an automobile correctly, economically, and safely. The program includes diagnostic technologies, welding techniques, shop safety, metal straightening, panel replacement, interior trim and body refinishing, glass replacement, frame straightening, fiber glass repair, aluminum repair, surface preparation, painting techniques, refinishing, and damage estimation. Students will apply their knowledge and learn industry skills in a real-world shop environment equipped with the latest technologies and industry tools. Students pursuing the Associate in Applied Science (AAS) degree will also gain real-world experience through internship opportunities in various shop environments.

This is a career and technical education program. Some of the courses may not transfer to four-year institutions.

Sample of job titles with this degree: Master Collision Repair Technician, Structural Repair Specialist, Mechanical Electrical Specialist, Paint & Refinish Specialist, Nonstructural Repair Specialist, Auto Glass Specialist, Preparation Detail Specialist

Suggested Full-Time Course Sequence:

<u>Fall Semester</u>	<u>Credit Hours</u>
AUTO 102	4
CRT 100	4
CRT 135	2
ENGL 105 (or ENGL 110)	3
WELD 100	2
WELD 150	2

<u>Spring Semester</u>	
CRT 205	3
CRT 210	4
CRT 220	4
CRT 230	4
CRT 235	2

<u>Fall Semester</u>	
CRT 105	2
CRT 110	4
CRT 120	4
CRT 130	4
P REL 100	3

<u>Spring Semester</u>	
AUTO 201	4
COMM 120 (or COMM 101)	3
CRT 290	3
PHYS 115	3
General Education Elective	3

Additional Program Information:

Students who begin in Spring may not finish in a two-year time frame.

Students in CRT100 should be co-enrolled in CRT135

Collision Repair Courses		Credit Hours	Collision Repair Technology AAS 1010	Damage Analysis Specialist Cert. 101A	Structural Repair Specialist Cert. 101B	Mechanical Electrical Specialist Cert. 101C	Nonstructural Repair Specialist Cert. 101E	Paint and Refinish Specialist Cert. 101D	Collision Glass Specialist Cert. 101F	Preparation Detailer Specialist Cert. 101G
AUTO 102	Electrical Systems	4	X	X		X				
AUTO 201	Suspension & Steering Alignment	4	X		X	X				
COMM 120	Business & Professional Speaking (or COMM 101)	3	X							
CRT 100	Introduction to Collision Repair	4	X	X	X	X	X	X	X	X
CRT 105	Damage Estimating & Customer Service	2	X	X						
CRT 110	Painting & Refinishing 1	4	X	X				X		
CRT 120	Nonstructural Collision Repair 1	4	X	X		X	X			
CRT 130	Structural Collision Repair 1	4	X	X	X					
CRT 135	Paint Preparation & Detail	2	X					X	X	X
CRT 205	Mechanical Systems	3	X	X		X				
CRT 210	Painting & Refinishing 2	4	X					X		
CRT 220	Nonstructural Collision Repair 2	4	X				X			
CRT 230	Structural Collision Repair 2	4	X		X					
CRT 235	Stationary & Rolling Glass	2	X		X		X		X	
CRT 290	Collision Repair Internship	3	X							
ENGL 105	Technical Writing in the Workplace (or ENGL 110)	3	X							
PHYS 115	Technical Physics	3	X							
P REL 100	Human Relations	3	X							
WELD 100	Welding Fundamentals	2	X		X	X	X			
WELD 150	Gas Metal Arc Welding for Auto Body	2	X		X	X	X			
General Education Elective		3	X							
Total Hours			67	25	22	19	18	14	8	6