

Collision Repair Technology, A.A.S.

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Requirements

Collision Repair Technology is a two year AAS Degree program that provides students with the ability to learn industries best practices in Surface Preparation, Nonstructural Repair, Welding, Refinishing, Color Matching, Detailing, Blending, Structural Damage Analysis, Repair and Replacement, Advanced Vehicle Systems diagnostics and repair and Plastic/Composite Repair. Students will graduate with industry certifications, such as I-Car, ASE, Mitchells, Audatex, CCC One, and Chief Training. These skills will prepare graduates for an exciting career in a field that is continually advancing in technology. There is an abundance of growth and personal development possible in this field. The program is certified by the National Automotive Teacher Education Foundation (NATEF) and uses Inter-Industry Conference on Auto Collision Repair (I-CAR) curriculum. Students will receive the latest repair technique training and have the ability to gain I-CAR certifications. Jobs are waiting for you to complete your training!

Total Program Credits: 64

General Education Requirements			16 Credits
	MKTG 220G	Written Business Communication GI WE	3
or	ENGL 1010	Introduction to Academic Writing CC	
or	ENGL 1005	Literacies and Composition Across Contexts CC	
Complete one of the following:			
	AUT 1260	Tech Math for Mechanics (3)	3
or	MAT 1010	Intermediate Algebra (4)	
or	MATH 1050	College Algebra QL (4)	
or	Any higher MAT or MATH course.		
Any approved Humanities, Fine Arts, or Foreign Language Distribution Course			
Any approved Behavioral Science, Social, or Political Science Distribution Course			
Any approved Biology or Physical Science Distribution Course			
Any approved Physical Education, Health, Safety or Environment Course			
Discipline Core Requirements:			48 Credits
	AUT 1160	Automotive Electrical Systems	2
	AUT 116L	Automotive Electrical Systems Lab	1
	AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory Modified Course	2
	AUT 224L	Automotive HVAC Lab	1
	CRT 1110	Surface Preparation	2
	CRT 111L	Surface Preparation Lab	1
	CRT 1120	Nonstructural Repair	2
	CRT 112L	Nonstructural Repair Lab	1
	CRT 1130	Overall Refinishing and Problem Solving	2
	CRT 113L	Overall Refinishing and Problem Solving Lab	1

	CRT 1140	Panel Replacement and Adjustment	2
	CRT 114L	Panel Replacement and Adjustment Lab	1
	CRT 1210	Blending Tinting and Detailing	2
	CRT 121L	Blending Tinting and Detailing Lab	1
	CRT 1230	Welding and Cutting	2
	CRT 123L	Welding and Cutting Lab	1
or	CRT 281R	Cooperative Work Experience - Internship (1-8) ¹	
or	CRT 285R	Cooperative Correlated Class - Internship (1) ¹	
or	CRT 299R	Skills USA (1) (optional)	
	CRT 2310	Collision Damage Reporting	2
	CRT 231L	Collision Damage Reporting Lab	1
	CRT 2320	Structural Damage Analysis	2
	CRT 232L	Structural Damage Analysis Lab	1
	CRT 2330	Structural Repair	2
	CRT 233L	Structural Repair Lab	1
	CRT 2340	Full and Partial Panel Replacement	2
	CRT 234L	Full and Partial Panel Replacement Lab	1
	CRT 2400	Plastic Paintless Dent Repair	2
	CRT 240L	Plastic PaintLess Dent Repair Lab	1
	CRT 2440	Mechanical Advanced Vehicle Systems	2
	CRT 244L	Mechanical Advanced Vehicle Systems Lab	1
	CRT 2450	Bags Brakes Steering	2
	CRT 245L	Bags Brakes Steering Lab	1
	CRT 2360	Detailing and Custom Painting	2
	CRT 263L	Detailing and Custom Painting Lab	1

Notes:

1. Cooperative Education courses may be used in place of some of the laboratory or shop classes for completion of AAS requirements. Approval of the program coordinator must be secured before class enrollment.

Collision Repair Technology, A.A.S. Graduation Plan

See department advisor for graduation plan.