

## Collision Repair Technology - Collision Repair Emphasis, Diploma

### Requirements

One-Year Certificate, a Diploma, the Associate in Applied Science Degree, and the Bachelor of Science in Technology Management Degree. See graduation requirements in the catalog for more information.

#### Total Program Credits: 56

Discipline Core Requirements:		32 Credits
Complete the following:		
AUT 1260	Tech Math for Mechanics	3
MKTG 2200	Written Business Communication	3
Any approved Behavioral Science, Social, or Political Science Distribution Course		2
AUT 1160	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	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
CRT 281R	Cooperative Work Experience (1.0)	
CRT 285R	Cooperative Correlated Class (1.0)	
CRT 299R	VICA (1.0)	
Emphasis Requirements:		24 Credits
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 2630	Detailing and Custom Painting	2
CRT 263L	Detailing and Custom Painting Lab	1

#### Graduation Requirements:

- Overall grade point average of 2.0 (C) or above. (Departments may require a higher GPA.)

NOTE: \*Cooperative Education courses may be used in place of some of the laboratory or shop classes for completion of diploma requirements. Approval of the program coordinator must be secured before class enrollment.

# Collision Repair Technology - Collision Repair Emphasis, Diploma

## Collision Repair Technology - Collision Repair Emphasis, Diploma Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

Semester 1	Course Title	Credit Hours
<i>CRT 1110</i>	Surface Prep	2
<i>CRT 111L</i>	Surface Prep Lab	1
<i>CRT 1120</i>	Nonstructural Repair	2
<i>CRT 112L</i>	Nonstructural Repair Lab	1
<i>CRT 1230</i>	Welding and Cutting	2
<i>CRT 123L</i>	Welding and Cutting Lab	1
<i>CRT 1140</i>	Panel Replacement and Adjustment	2
<i>CRT 114L</i>	Panel Replacement and Adjustment Lab	1
AUT 1260	Tech Math for Mechanics	3
	Semester total:	15
Semester 2	Course Title	Credit Hours
<i>CRT 1210</i>	Blending Tinting and Detailing	2
<i>CRT 121L</i>	Blending Tinting and Detailing Lab	1
<i>CRT 1130</i>	Overall Refinishing and Problem Solving	2
<i>CRT 113L</i>	Overall Refinishing and Problem Solving Lab	1
<i>AUT 1160</i>	Automotive Electrical Systems	2
AUT 116L	Automotive Electrical Systems Lab	1
AUT 2240	Heating Ventilation Air Conditioning and Refrigeration Theory	2
AUT 224L	Automotive HVAC Lab	1
MKTG 2200	Written Business Communication	3
Social Science		2
	Semester total:	17
Note: Please see advisor for approval to take AUT 1160 and AUT 2240 in the same semester.		
Semester 3	Course Title	Credit Hours
<i>CRT 2310</i>	Collision Damage Reporting	2
<i>CRT 231L</i>	Collision Damage Reporting Lab	1
<i>CRT 2320</i>	Structural Damage Analysis	2
<i>CRT 232L</i>	Structural Damage Analysis Lab	1
<i>CRT 2330</i>	Structural Repair	2
<i>CRT 233L</i>	Structural Repair Lab	1
<i>CRT 2340</i>	Full and Partial Panel Replacement	2
<i>CRT 234L</i>	Full and Partial Panel Replacement Lab	1
	Semester total:	12
Semester 4	Course Title	Credit Hours

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 2630	Detailing and Custom Painting	2
CRT 263L	Detailing and Custom Painting Lab	1
	Semester total:	12
	Degree total:	56