

CCC Program Outcomes

Collision Repair Technology

Upon successful completion of the technical education requirements and the suggested program requirements for a Certificate the student shall:

Program Outcomes

- 1 Provide the opportunity for students to learn safe working habits and procedures for themselves and other
- 2 Provide the opportunity for students to develop knowledge and skills necessary in replacing and estimating of structural and non-structural repair procedures.
- 3 Provide the opportunity for students to develop welding skills, learn safety in welding and maintenance of equipment
- 4 Provide the opportunity for students to learn about paints and refinishing to industry standards
- 5 Provide the opportunity for students to develop electrical and mechanical knowledge and skills needed in the Collision Repair industry
- 6 Provide the opportunity to understand proper workmanship and detail work
- 7 Provide training to develop mathematical, along with oral and written communication skills to problem solve effectively in a Collision Repair shop

Course #	Course Title	PO - 1	PO - 2	PO - 3	PO - 4	PO - 5	PO - 6	PO - 7
ACRT-117	Collision Orientation and Safety							
	Demonstrate safe use and maintenance of general hand tools	X						
	Understand Safety Issues in Collision Repair	X						
	Identify types of Equipment Used for Vehicle Lifting and Support	X						
	Identify the safe use and maintenance of vehicle lifting equipment	X						

ACRT-240 Estimating/Damage Analysis

Diagnose and Analyze Damage				X
Show use of Collision Manuals	X			
Write a damage report in proper sequence	X			
Use computer-based estimation software programs				X

ACRT-212 Mechanical/Electrical Repair

Name the service procedures for the major parts of the cooling system.				X
Describe the service procedures for the air-conditioning system.				X
Describe how suspension and steering system works	X			
Initiate procedures to repair damaged electrical and electronic systems.				X
Distinguish between parallel and series circuits				X
Use proper testing equipment for trouble shooting electrical problems.				X
Use manufacturer's service manuals for researching proper arming and disarming air bags				X

ACRT-112 Non-Structural Repair I

Perform nonstructural analysis and damage repair.	X			
Perform outer body panel repairs, replacements and adjustments.	X			
Perform metal welding and cutting			X	

ACRT-230 Non-Structural Repair II

Perform metal finishing and body filling				X
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	Inspect, adjust, repair or replace moveable glass and hardware	X		
	Perform repairs using plastics and adhesives	X		
ACRT-201	Refinishing I			
	Identify and take necessary safety precautions with painting and refinishing	X		
	Inspect, identify and remove components necessary for proper surface preparation		X	
	Identify, inspect, clean and determine condition of painting equipment		X	
ACRT-221	Refinishing II			
	Determine the correct paint mixing, matching, and application		X	
	Identify paint defects, causes and cures		X	
	Determine and apply final detail work			X
ACRT-122	Structural Repair I			
	Perform frame inspection and repair	X		
	Perform unibody inspection, measurement, and repair			X
ACRT-222	Structural Repair II			
	Repair fixed Glass	X		
ARCT-107	Shop Math and Communication I			
	Understand Linear Measurement			X
	Compute Fractions, Decimals and Percents.			X
	Understand Checking Accounts, ATMS, and Statement Reconciliation			X

Understand Gross Earnings and Payroll Deductions	X
Understand the handling of monies personally and professionally	X

ARCT-217 Shop Math and Communication II

Understand Work Ethics	X
Understand Customer Relations	X
Understand Employability Skills	X
Complete a Personal Portfolio	X