Laredo College 2022-2023 ACADEMIC CATALOG

Manufacturing, Transportation & Industrial Technology

GUIDED PATHWAY: Automotive Collision Repair Technology (Certificate) Transportation Technology Department

This is an example course sequence for students interested in pursuing a certificate in Automotive Collision Repair Technology. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an Automotive Collision Repair Technology, Certificate. ¹

The Automotive Collision Repair Technology curriculum is specialized to train students to become reliable and efficient automotive collision repair technicians. The program's curriculum is updated periodically to reflect the skills needed for the modern technician in the ever-evolving automotive collision repair industry. Courses that complete the Automotive Collision Repair Technology, Certificate (C1) are listed below.



 ABDR 1441 – Structural Analysis and Damage Repair I ABDR 1458 – Intermediate Refinishing ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2441 – Major Collision Repair and Panel Replacement 	C1	SEMESTER 1	ACTION ITEMS
 ABDR 1001 Colligen Houng ABDR 1419 - Basic Metal Repair ABDR 1431 - Basic Metal Repair ABDR 1431 - Basic Refinishing Meet with a career advisor or instructor to research your career options and opportunities for job shadowing TOTAL SEMESTER CREDIT HOURS: 14 Meet with your advisor to file an official degree plan, confirm or update your academic/career path and program of study. ABDR 1458 - Intermediate Refinishing ABDR 2402 - Autobody Mechanical & Electrical Service ABDR 2402 - Autobody Mechanical & Electrical Service ABDR 2401 - Major Collision Repair and Panel Replacement TOTAL SEMESTER 3 Meet with a career advisor or coach for assistance in preparing for job search. C1 ABDR 1323 - Collision Repair Steering and Suspension ABDR 1349 - Automotive Plastic and Sheet Molded Compound Repair ABDR 255 - Collision Repair Estimating ABDR 2449 - Advanced Refinishing³ 	•	ABDR 1303 – Vehicle Design and Structural Analysis	
 ABDR 1419 – Basic Metal Repair ABDR 1431 – Basic Refinishing TOTAL SEMESTER CREDIT HOURS: 14 C1 ABDR 1441 – Structural Analysis and Damage Repair I ABDR 1458 – Intermediate Refinishing ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2441 – Major Collision Repair and Panel Replacement TOTAL SEMESTER 3 ABDR 1323 – Collision Repair Steering and Suspension ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair ABDR 2455 – Collision Repair Estimating ABDR 2455 – Collision Repair Estimating ABDR 2449 – Advanced Refinishing³ 	•	ABDR 1307 – Collision Repair Welding	
 ABDR 1431 – Basic Refinishing TOTAL SEMESTER CREDIT HOURS: 14 C1 SEMESTER 2 ABDR 1441 – Structural Analysis and Damage Repair I ABDR 1458 – Intermediate Refinishing ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2401 – Major Collision Repair and Panel Replacement TOTAL SEMESTER 3 ABDR 1323 – Collision Repair Steering and Suspension ABDR 1329 – Automotive Plastic and Sheet Molded Compound Repair ABDR 2455 – Collision Repair Estimating ABDR 2449 – Advanced Refinishing³ 	•	ABDR 1419 – Basic Metal Repair	
C1 SEMESTER 2 ACTION ITEMS ABDR 1441 – Structural Analysis and Damage Repair I ABDR 1458 – Intermediate Refinishing ABDR 1458 – Intermediate Refinishing ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2441 – Major Collision Repair and Panel Replacement Meet with your advisor to file an official degree plan, confirm or update your academic/career path and program of study. ABDR 2441 – Major Collision Repair and Panel Replacement TOTAL SEMESTER 3 ACTION ITEMS ABDR 1323 – Collision Repair Steering and Suspension Meet with a career advisor or coach for assistance in preparing for job search. Meet with a career advisor or coach for assistance in preparing for job search. ABDR 2255 – Collision Repair Estimating ABDR 2449 – Advanced Refinishing³ ABDR 2449 – Advanced Refinishing³ 	•	ABDR 1431 – Basic Refinishing	your career options and opportunities for job shadowing
 ABDR 1441 – Structural Analysis and Damage Repair I ABDR 1458 – Intermediate Refinishing ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2441 – Major Collision Repair and Panel Replacement TOTAL SEMESTER 3 ABDR 1323 – Collision Repair Steering and Suspension ABDR 1323 – Collision Repair Steering and Suspension ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair ABDR 2449 – Advanced Refinishing³ Meet with a career advisor or coach for the Automotive Collision Repair Technician Certificate. Sign up for commencement. 		TOTAL SEMESTER CREDIT	THOURS: 14
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 ABDR 1458 – Intermediate Refinishing ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2441 – Major Collision Repair and Panel Replacement TOTAL SEMESTER CREDIT HOURS: 16 C1 ABDR 1323 – Collision Repair Steering and Suspension ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair ABDR 255 – Collision Repair Estimating ABDR 2449 – Advanced Refinishing³ 	♦	ABDR 1441 – Structural Analysis and Damage Repair I	
 ABDR 2402 – Autobody Mechanical & Electrical Service ABDR 2441 – Major Collision Repair and Panel Replacement TOTAL SEMESTER CREDIT HOURS: 16 C1 ABDR 1323 – Collision Repair Steering and Suspension ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair ABDR 2255 – Collision Repair Estimating ABDR 2449 – Advanced Refinishing³ 	♦	ABDR 1458 – Intermediate Refinishing	
TOTAL SEMESTER CREDIT HOURS: 16 C1 SEMESTER 3 ACTION ITEMS ▲ ABDR 1323 – Collision Repair Steering and Suspension □ Meet with a career advisor or coach for assistance in preparing for job search. ▲ ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair □ Meet with a career advisor or coach for assistance in preparing for job search. ▲ ABDR 2255 – Collision Repair Estimating □ After reviewing your degree plan and program of study apply for graduation. Meet with your advisor to apply for the Automotive Collision Repair Technician Certificate. Sign up for commencement.	♦	ABDR 2402 – Autobody Mechanical & Electrical Service	paul and program of study.
C1 SEMESTER 3 ACTION ITEMS ◆ ABDR 1323 – Collision Repair Steering and Suspension □ Meet with a career advisor or coach for assistance in preparing for job search. ◆ ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair □ Meet with a career advisor or coach for assistance in preparing for job search. ◆ ABDR 2255 – Collision Repair Estimating □ After reviewing your degree plan and program of study apply for graduation. Meet with your advisor to apply for the Automotive Collision Repair Technician Certificate. Sign up for commencement.	•	ABDR 2441 – Major Collision Repair and Panel Replacement	
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 ABDR 1349 – Automotive Plastic and Sheet Molded Compound Repair ABDR 2255 – Collision Repair Estimating ABDR 2449 – Advanced Refinishing³ ABDR 2449 – Advanced Refinishing³ 	C1	SEMESTER 3	ACTION ITEMS
Compound Repair □ After reviewing your degree plan and program of study apply for graduation. Meet with your advisor to apply for the Automotive Collision Repair Technician Certificate. Sign up for commencement. ABDR 2449 – Advanced Refinishing ³ □ After reviewing your degree plan and program of study apply for graduation. Meet with your advisor to apply for the Automotive Collision Repair Technician Certificate. Sign up for commencement.	•	ABDR 1323 – Collision Repair Steering and Suspension	□ Meet with a career advisor or coach for
 ♦ ABDR 2255 – Collision Repair Estimating ♦ ABDR 2449 – Advanced Refinishing³ apply for graduation. Meet with your advisor to apply for the Automotive Collision Repair Technician Certificate. Sign up for commencement. 	•		
ABDR 2449 – Advanced Refinishing ³ the Automotive Collision Repair Technician Certificate. Sign up for commencement. Sign up for commencement.			
ABDR 2449 – Advanced Refinishing Sign up for commencement.	•	ABDR 2255 – Collision Repair Estimating	
	•	ABDR 2449 – Advanced Refinishing ³	
		TOTAL SEMESTER CREDIT	

1. Degree plans may change in later catalogs. Be sure to consult with your advisor if you are continuing on an older degree plan.

Certification and Licensure Information

I-CAR Platinum Certification

ASE Certification

EPA 609

Career Information							
Common Job Titles							
Automotive Technician	Automotive Technician Automotive Body Technician Collision Technician Body Technician						
Auto Body Repairer	Refinish Technician	Frame Man	Collision Repair Technician				
Regional Labor Market Information							
Auto Collision Repair Technician: Workers can expect to make an average of \$42,000 a year (EMSI).							
	Career and labor market research tools						
Bureau of Labor Statistics: <u>http://www.bls.gov/ooh/</u> , O*NET: <u>https://www.onetonline.org/</u>							