

Program Name:

AUTO COLLISION & REPAIR

2024-2025 SCOPE & SEQUENCE

Secondary Scope & Sequence

0 Technical - Major units and levels with estimated hours

0 Academic - Recommended

Subject – Hours	Level I	Estimate of Hours	Level II	Estimate of Hours	Level III	Estimate of Hours	Level IV	Estimate of Hours
Technical	ORIENTATION/SAFETY	30	FULL OR PARTIAL PANEL REPLACEMENT	40	STRUCTURAL REPAIR - DAMAGE ANALYSIS	60	REPAIR PLASTICS--ADHESIVESAND WELDING	60
	PRINCIPLES OF DESIGN AND CONSTRUCTION	50	WORKING WITH TRIM AND HARDWARE	40	STRAIGHTENING STRUCTUAL PARTS	60	MECHANICAL AND ELECTRICAL REPAIR - STEERING AND SUSPENSION	60
	NON-STRUCTURAL REPAIR - PREPARATION	60	MOVEABLE GLASS AND HARDWARE	20	STATIONARY GLASS REPLACEMENT	20	ELECTRICAL AND ELECTRONIC SYSTEMS	60
	PANEL REPLACEMENT AND ALIGNMENT	50	RESTORING CORROSION PROTECTION	20	TINTING	40	BRAKE SYSTEMS	60
	METAL STRAIGHTENING	50	WELDING AND CUTTING - MIG (GMAW) AND HEATING PROCESSES	60	BLENDING	20	HEATING and AIR CONDITIONING	20
	USING BODY FILLERS	40	REFINISHING - SAFETY AND ENVIRONMENTAL PRACTICES	60	SOLVING PAINT APPLICATION PROBLEMS	40	DRIVE TRAINS	20
	DETAILING	30	UNDERSTANDING , PREPARING, AND APPLYING AUTOMOTIVE FINISHES	60	ESTIMATING - ANALYZING DAMAGE	60	FUEL, INTAKE AND EXHAUST SYSTEMS	40
	PREPARING THE EQUIPMENT, PAINT AREA, AND REFINISH MATERIALS	50	FINISH DEFECTS: CAUSES AND CURES	60	CREATING A DAMAGE REPORT MANUALLY	60	RESTRAINT SYSTEMS	40
English (4)	College Prep English I		College Prep English II		College Prep English III		College Prep English IV	
Math (3)	Algebra I		Algebra II		Geometry		Higher Level College Prep Math (recommended)	
Science (3)	Biology		Chemistry		Physics			
Humanities (covering these courses in any order) (3)	Civics		U.S. History		World History			
Other	Foreign Language I (recommended)		Foreign Language II (recommended)					