

# Scope and Sequence Auto Body Repair

Academic Subjects – Career success and postsecondary education success require the same level of college prep coursework. The Pennsylvania Department of Education’s (PDE) focus is to ensure that every student is prepared for college and a career. Academic courses such as applied math or general science cannot be listed on the program’s scope and sequence. PDE’s goal is to have all students perform at the competent or advanced level on the PSSA, and earn the Pennsylvania Skills Certificate on the end-of-program assessment.

Subject (Hours)	Secondary School				Postsecondary Institution			
	Grade 9 (Hours)	Grade 10 (Hours)	Grade 11 (Hours)	Grade 12 (Hours)	First Semester	Second Semester	Third Semester	Fourth Semester
Technical		Fundamentals of the Automotive Field - Safety	Painting & Refinishing	Structural Repair		ABC 120: Intro to Repair Procedures	ABC 119: Electrical/Electronics and Air Conditioning	ABC 226: Advanced Refinishing
		Nonstructural Damage Repair	Estimating Damaged Vehicles & Cost	Cleaning & Detailing	WEL 105: Collision Repair Welding	ABC 125: Basic Refinishing	ABC 124: Chassis Alignment Steering and Suspension	ABC 227: Advanced Refinishing Laboratory
		Repairing & Replacing Misc Components	Mechanical Components	Job Seeking/Keeping Skills	ABC 100: Introduction to Non-Structural Collision	ABC 126: Basic Refinishing Laboratory	ABC 207: Structural Repair Procedures	ABC 206: Collision Related Mechanics
		Job Seeking/Keeping Skills	Electrical Components & Restraint Systems		ABC 101: Introduction to Non-Structural Collision R		ABC 208: Structural Repair Procedures Laboratory	ABC 334: Collision Repair Operations
			Job Seeking/Keeping Skills		ABC 110: Collision Estimating			
English	College Prep English 9	College Prep English 10	College Prep English 11	College Prep English 12		ENL 111: English Comp I	ENL 121: English Comp II	
							ENL 201: Technical & Professional Communication	
Math	Algebra I	Algebra II	Geometry	Trigonometry	MTH 124: Technical Algebra & Trig I			
					MTH 180: College Algebra and Trig I			
Science	Accl Integrated Science	Biology	Chemistry	Physics				SCI: Science Elective
Humanities	Citizenship	World Cultures	American History I	American Government				_HUM: Elective: HUM/SSE/ART/FOR /AAE
Other	Physical Education	Physical Education	Physical Education	Physical Education		FIT: Elective: Fitness	MGT 249: Small Business Management	
	Health	Health	Driver's Ed Theory					