

PROGRAM OF STUDY:

Collision Repair – Non-Structural Analysis and Damage Repair



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

SECONDARY:				
COURSE/ GRADE	NINTH	TENTH	ELEVENTH	TWELFTH
ENGLISH	9 th grade Lit/ Composition	10 th grade Lit/ Composition	American Lit/ Composition	World Lit/ Composition / British Lit
MATHEMATICS	Coordinate Algebra / Algebra I	Analytic Geometry / Geometry	Advanced Algebra / Algebra II	Pre-calculus
SCIENCE	Physical Science	Biology	Chemistry	Physics
SOCIAL STUDIES	World History	Psychology	US History	Government (½ unit) Economics (½ unit)
PATHWAY COMPLETER	Introduction to Collision Repair	Non Structural Analysis & Damage Repair I	Non Structural Analysis & Damage Repair II	Another course in focus area, Work-Based Learning, or Youth Apprenticeship
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)		
Required/ Selective Electives	Health & Personal Fitness (can be taken in grades 9-12)	Painting & Refinishing I	Entrepreneurship	Financial Technologies and Services
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.	

Postsecondary Transition <ul style="list-style-type: none"> University System of Georgia Institutions: Admissions Testing <ul style="list-style-type: none"> ACT or SAT For More Information: <ul style="list-style-type: none"> Contact the institution of your choice Technical College System of Georgia <ul style="list-style-type: none"> Placement Exam United States Military <ul style="list-style-type: none"> ASVAB Assessment Use BRIDGE Law platform to inform decisions on postsecondary opportunities Dual Enrollment Earning high school course credits while taking college courses 	Collision Repair – Non-Structural Analysis & Damage Repair Career Pathway Completers - Industry Credentialing for High School Students Upon completion of sequenced courses in the Collision Repair – Non-Structural Analysis & Damage Repair Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Collision Repair – Non-Structural Analysis & Damage Repair pathway will be able to sit for the National Industry Credentialed assessment offered on-line from ASE. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: http://bit.ly/GATDL .
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Collision Repair: Non-Structural Analysis and Damage Repair Pathway Description

Collision repair technicians, also called automotive body repairers, apply their technical knowledge and skills to repair, reconstruct, and finish all types of vehicles, including cars, small trucks, large trucks, buses, and tractor trailers. Workers may be self-employed or work as specialists on a repair team in automobile dealerships, body repair shops, and other businesses specializing in collision repair.

A high school diploma or GED is often all that is required to enter this occupation, but more specialized education and training will enhance job prospects and prepare workers for more sophisticated types of automobiles and other vehicles. Important knowledge offered by technical colleges includes structure analysis, damage repair, non-structural analysis, mechanical and electrical components, painting and refinishing techniques, and adhesive technology. Courses in electronics, physics, chemistry, English, computers, and mathematics provide an excellent foundation for a career as a collision repair specialist.

Many repairers, particularly those working in urban areas, need national Automotive Service Excellence (ASE) certification to advance beyond entry-level work. To become a licensed auto body repairer in Georgia, applicants must have two years of relevant work experience and pass a written exam.

Sample In Demand Careers in Georgia				
Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2018 – 2028 Employment Outlook
Automotive Body and Related Repairs	High School Diploma	\$49,700	550	In Demand
Automotive Master Mechanics	Postsecondary Certificate	\$41,690	2,360	In Demand, High Skill
Farm Equipment Mechanics	Postsecondary Certificate	\$41,230	220	In Demand

Related Pathway Occupations	Other Related Occupations
<ul style="list-style-type: none"> Automotive Glass Installer & Repairer Automotive Specialty Mechanics Aircraft Mechanic Bus Mechanic 	<ul style="list-style-type: none"> Industrial Electronics Repairer Building Maintenance Worker Heavy Equipment Mechanic



O*NET Online

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NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

POSTSECONDARY:

	TCC	DIPLOMA OR AAS	BACHELOR OF SCIENCE
Entrance/Exit Point	<p>AB51 Automotive Collision Repair Assistant I TCC</p> <p>ACRP 1000 Introduction to Auto Collision Repair</p> <p>ACRP 1005 Automobile Component Repair and Replacement</p> <p>ACRP 1015 Fundamentals of Automotive Welding</p>	<p>ACR2 Auto Collision Repair Diploma AB51 TCC plus</p> <p>MATH 1012 Foundations of Mathematics</p> <p>ENGL 1010 Fundamentals of English I</p> <p>EMPL 1000 Interpersonal Relations and Professional Development</p> <p>ACRP 1010 Foundations of Collision Repair</p> <p>ACRP 2001 Introduction to Auto Painting and Refinishing</p> <p>ACRP 2002 Painting and Refinishing Techniques</p> <p>ACRP 2009 Refinishing Internship</p> <p>COMP 1000 Introduction to Computer Literacy</p>	<p>The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees.</p> <p>https://apps.ds.usg.edu/ords/f?p=118:1:0</p>
Entrance/Exit Point			
Entrance/Exit Point			

Go to GAfutures at www.gafutures.org for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, grants, and loans, FAFSA, and CSS forms).

Career Enhancement Opportunities	<p>Career-Related Education Activities</p> <ul style="list-style-type: none"> Career Awareness Career Exploration Instructional Related Connecting <ul style="list-style-type: none"> Work-Based Learning Employability Skill Dev. Cooperative Education Internship Youth Apprenticeship Clinicals 	<p>Postsecondary Options:</p> <ul style="list-style-type: none"> 4-Year Universities/ Colleges 2-Year Colleges Technical Colleges State Registered Apprenticeships Special Purpose Schools On-the-Job Training Military 	<p>Earning Postsecondary Credits While in High School</p> <ul style="list-style-type: none"> Dual Enrollment Program Earn postsecondary credit while in high school You can complete <ul style="list-style-type: none"> Industry Credential Technical Certificate of Credit (TCC) Associates of Applied Science Degree Bachelor's Degree Who can help? <ul style="list-style-type: none"> Parents School Counselor Advisor
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