

Collision Repair Technology



at the Frederick County Career & Technology Center

Career Options:

With a 4 year college degree: Automotive or Mechanical Engineer, Dealership Owner, Automotive Design Specialist

With a 2 year college/technical school: I-CAR or ASE Certified Collision Technician, Dealer Body Technician, Service Manager, Parts Manager

Direct entry into the workforce: Auto body Repair technician, Refinishing Technician, Estimator/Appraiser, Parts Technician

Overview: The Auto Body program is an I-CAR qualified training program that uses the I-Car Advanced Delivery curriculum to deliver instruction in over 56 units common to the Collision Repair industry. Students develop the basic skills and understanding necessary for a career as an Auto Body Technician. Completion of the two year program counts as one year's experience towards their ASE Certification requirements. Students who qualify during their Junior year can further jumpstart their automotive career by participating in a paid Pace ST3 Internship program that pairs the student with a technician in a local shop in a one on one relationship designed to build their skills, confidence and proficiency.

Value Added:

- ❖ I-CAR Gold Class Qualification in up to 56 units of study
- ❖ CCAR Certification in Environmental Compliance, Shop Safety, Pollution Prevention and Hazardous Material Handling
- ❖ PACE ST3 internship at participating automotive repair facilities that includes one on one mentors and a tool scholarship.
- ❖ Advanced Placement at Universal Technical Institute

Application Process: Current 10th or 11th grade students should schedule a shadow visit through their home school counselor. Shadowing allows students to determine if the auto Body program is appropriate for their career goals and allows the Auto Body instructor to evaluate the student's interest and aptitude. Students should be dressed to participate in an automotive lab setting. Students will receive an application to complete which must also be signed by their guidance counselor and a parent/guardian. In addition to interest and aptitude, applicant's attendance and GPA are considered in the acceptance process.

For additional Information:

Log on to www.careertech.net

Contact the instructor at 240-236-8518

Damazof@careertech.net

Program: **Collision Repair**

Post-Secondary Education: 4 year college degree

Careers: Collision Repair Facility Manager or Owner, Insurance Company
Appraiser or Claims Specialist, Automotive Equipment/Supplies
Manufacturers Representative

This sample high school schedule prepares students to pursue a four year college degree in the collision repair management industry

Grade 9	Grade 10	Grade 11	Grade 12
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Geometry	Algebra 2	Pre Calculus -or- Advanced Algebra w/Trig	AP Calculus I
Intro Chem/Physics Honors –or- Algebra Based Physics	Biology Honors	Physics	AP Physics
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	Autobody/Collision Repair I (533210)	Autobody/Collision Repair II (534031)
Technology Education Credit	Elective		
Foreign Language	Foreign Language		
Elective	Elective		

Color Key

	Elective Courses
	Required Courses for Graduation
	CTE Completer Courses



Frederick County
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What are You Doing?



Program: **Collision Repair**

Post-Secondary Education: 2 year technical school/AA degree, apprenticeship program or military training

Careers: Collision Repair Technician, Collision Repair Facility Manager, Dealership Representative

This sample high school schedule prepares students to continue their collision repair training at a community college, technical school, or in the military

Grade 9	Grade 10	Grade 11	Grade 12
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Algebra I	Geometry	Algebra 2	Math Elective
Intro Chem/Physics Honors or Merit	Biology Honors or Merit	Physics elective	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	Autobody/Collision Repair I (533210)	Autobody/Collision Repair II (534031)
Technology Education Credit	Elective		
Foreign Language	Foreign Language		
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What are You Doing?



Program: **Collision Repair**

Careers: Collision Repair Technician, Dealership Parts/Detailing Technician

Post-Secondary Education: none required

This sample high school schedule prepares students to enter directly into the workforce in the collision repair industry

Grade 9	Grade 10	Grade 11	Grade 12
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Algebra IA	Geometry	Applied Algebra/Geometry	Contemporary Math
Intro Chem/Physics	Biology	Fundamentals of Chemistry or Environmental Science	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	Autobody/Collision Repair I (533210)	Autobody/Collision Repair II (534031)
Algebra IB	Technology Education Credit		
Elective	Elective		
Elective	Elective		

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