

*Planning a successful career
can begin in high school!*

The Center of Applied Technology South

High school students can attend the Center of Applied Technology South (CAT-South) as a part of their regular daily schedule. In each program, students can earn credits required for graduation.

Completion of any of the 16 programs at the Center provides students with a combination of technical and academic expertise that can be utilized in a variety of ways. All programs offer the background and experience needed for immediate employment. Many programs articulate with colleges and universities, so students can earn college credits while in high school.

The programs at CAT-South offer the foundation for employment, knowledge about related careers and continuing education, and work-study positions. Studies combine both academics and applied technology.

The four-week Career Exploration Program

This introduction to technical programs course allows students to explore four programs in one semester and earn ½ credit, or eight programs in two semesters and earn a full credit. The morning session (*B Day, period 1*) is open to students in grades 9 and 10. The after school session (*Tuesday, and Thursday from 2:35–3:45 P.M.*) is open to grades 9, 10, 11, and 12.

Semesters	Programs	Credits
One	4	½ credit
Two	8	1 credit

Students can experience the environment, equipment, materials, skills, and safety rules of their chosen technical areas. The information students gain can be of significant value in career planning and expanding their interests and abilities.

The Center of Applied Technology South is located on Central Avenue in Edgewater, MD.

Transportation is provided by the school system.

Center of
Applied Technology
South



More information is available at www.CATSouth.org
Phone: 410-956-5900 | Fax 410-956-5905
211 Central Ave, East | Edgewater, MD 21037

CAT-South Programs Include:

Honors Academy of Health Professions
Automotive Collision Repair & Refinishing
Automotive Technology
Carpentry
Honors Cisco Academy
Cosmetology
Honors Culinary Arts
Honors Dental Assisting
Drafting/CAD
Electricity
Heating, Ventilation, and Air Conditioning (HVAC)
Honors Interactive Media Production
Marine Repair Technology
Honors Network Systems Administration (NSA)
Welding

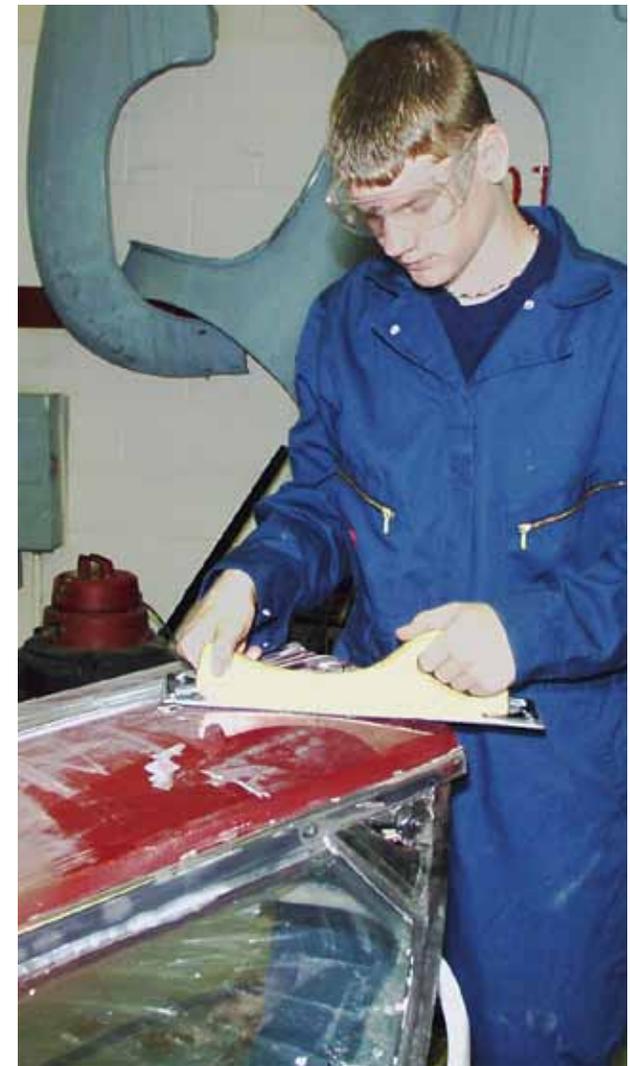


ANNE ARUNDEL
COUNTY PUBLIC SCHOOLS

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For more information, contact: The Office of Investigations
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www.aacps.org

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Center of Applied Technology South

**Automotive
Collision Repair
& Refinishing**

Turning Passions Into Professions

Anne Arundel County Public Schools

What is it?

Automotive Collision Repair & Refinishing

prepares students for entry level positions in the automotive body repair industry and related fields. Classroom and shop projects include a variety of techniques and process for straightening metals with a frame machine, welding, working with fiberglass, plastics, and solvents; preparing surfaces with sanding, body filler, and glazing putty; and finishing with primer/paint mixing and spraying. Instruction also includes evaluating damages and estimating costs. This program is *Automotive Service Excellence (ASE)* certified by the *National Automotive Technicians Education Foundation (NATEF)*. The *ASE Certification* test is available.

Automotive Collision Repair & Refinishing

Level I requires two semesters and provides students with the opportunity to experience both collision repair and refinishing techniques. The structure of this program is based on the industry's I-Car Education Curriculum, which includes feedback from industry partners to insure that students are receiving instruction tailored to fit current needs. **Level II**, also two semesters, is designed to prepare students to enter the work force through intensive hands-on and classroom based learning.

About the program...

You will:

Gain experience in many aspects of the automotive collision repair field, including:

- Metal Straightening techniques
- Safe use of power tools
- Pick-n-file
- Hammer & Dolly
- Plastic filler
- Hydraulic Pressure
- Spray painting techniques
- Safe use of solvents
- Use and apply undercoat and topcoat applications
- Surface preparation
- Spot and MIG Welding
- Detailing
- Pin Striping
- Buffing
- Paint Job analysis
- Touch-up Technique
- Interior Cleaning and Wash and Wax

What are the Program Requirements?

- Students in 10th or 11th grade
- Basic skills and knowledge in:
 - reading
 - writing
 - mathematics
 - communication skills
- Satisfactory performance in:
 - academic subjects
 - attendance
 - behavior
 - accepting and following directions
- Physical capability to pursue the chosen career successfully
- Parental approval
- Approval of CAT-South administration
- Teacher recommendation

What are the Credit Requirements?

Credits required for Completer—4		
Level I	2.0 credits	two semester
Level II	3.0 credits	two semesters
Technical Math	1 credit	two semesters
Optional		
Work Experience	2.0 credits	one semester
	4.0 credits	two semesters

What are Possible Career Opportunities?

- Painting and Coating Technician
- Repair and Restoration Technician
- Collision Repair/Refinishing Technician
- Automotive Body Repair Specialist
- Automotive Repair Shop Owner

What are Related Careers?

Career options with further education are:

- Automotive Parts Salesperson
- Custom Painting Technician
- Detailing Shop Owner
- Insurance Estimator

