

*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 part of their regular daily schedule. In each program, students can earn credits required for graduation.

Completion of any of the 14 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 Career Exploration Program

The Career Exploration program allows students to explore four programs in one semester and earn 0.5 credit. Career Explorations is taken during period 1B. Transportation is provided to and from CAT South.

Semesters	Programs	Credits
One	4	1/2 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.



More information is available at [www.catsouth.org](http://www.catsouth.org)

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ANNE ARUNDEL  
COUNTY PUBLIC SCHOOLS

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[www.aacps.org](http://www.aacps.org)  
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Anne Arundel County Public Schools

## What is it?

**Honors Digital Imaging / Video & Motion Graphics** program engages students in academically rigorous and conceptually challenging projects combining video, special effects, photography, graphics, animation, sound, computer technology and more.

The program provides students project-based hands-on opportunities to use a variety of professional tools and equipment with the freedom to explore their own creative visions. These tools are used throughout the multimedia industry to develop content for movies, television, design, advertising, marketing, gaming, Internet and training.

Through exploration of the rapidly growing field of digital imaging, video, animation, and motion graphics, students acquire the multimedia skills most in demand for creating the visuals seen in commercials, movies, television, news broadcasts, sports broadcasts, game UIs, graphic design, the Internet, and music videos.

Hands-on projects include image manipulation, photography, video editing, importing and exporting digitized video, radio production, and creating dynamic visual effects and animations.

## Industry Certifications

## About the program...

### You will:

- Utilize industry standard equipment including digital cameras, lighting, tripods, video cameras, computers, sound equipment, and more.
- Develop digital imaging software skills, produce and edit videos, develop animations and special effects.
- Understand the principles of digital imaging and design, including animation, photography, graphic design, audio and video production.
- Earn the Adobe Certified Associate certification.
- Combine teamwork and problem solving abilities.

### Program Requirements

- Students must be entering 10th or 11th grade.
- Students must maintain a 2.0 GPA in all classes.
- Students must maintain a C or better to continue to level 2.



### Credit Requirements:

Credits required for completer — 5		
<b>Level I</b> (Honors)	1.0 Credits	One semester
<b>Level II</b> (Honors)	4.0 Credits	Two semesters
Optional		
<b>Work Based Learning</b>	2.0 Credits	One semester
	4.0 Credits	Two semesters

### Career Opportunities

- Motion graphics/Special effects designer
- Interactive media designer/Producer
- Art director
- Graphic and web designer
- Photographer/Videographer
- 2D and 3D animator
- Designer/Illustrator
- Audio/Video technician
- Broadcast technician
- Film & video editor
- Texture & background artist
- Sound Engineer/Technician
- Camera Operator

### Advance Level Careers

- Storyboard artist
- Cinematographer
- Multimedia artist
- Television/Film producer
- Multimedia producer/director
- Television/Film director
- Sound director
- Animation supervisor