

# Advanced Web Design & Animation



at the Frederick County Career & Technology Center

## Career Options:

### Four Year College Degree

Webmaster, Web Designer, Web Programmers, Web Developer, Web Administrator, E-Commerce Manager, Web Consultant, Flash Animators and Designers, Database Administrators, Developers, and/or Designers

### Two Year Degree

Web Designer Associate, Associate Webmaster, Web Developer Associate, Web Administrator Associate

### High School Degree

Entry level programs as Graphic Artists, and Web Developers

## Overview:

The Career & Technology Center teaches students to acquire broad, transferable skills for employment and personal use, as well as job-specific skills.

Students learn how to develop images and design layouts with Photoshop; design content rich interactive websites with Dreamweaver; programming websites in Dreamweaver with Java script and Behavior script; building usable shopping carts for commercial websites; create animations with Flash; and programming Flash animations with ActionScript,

## Application Process:

Current 9<sup>th</sup>, 10<sup>th</sup> or 11<sup>th</sup> grade students should schedule a shadow visit through their home school counselor. Shadowing allows students to determine if the Advanced Web & Animation class is appropriate for their career goals. It also allows the web design instructor to evaluate the student's interest and aptitude. Students will receive an application to complete which must also be signed by their guidance counselor and a parent/guardian.

## For additional Information:

Log on to [www.careertech.net/web\\_design.htm](http://www.careertech.net/web_design.htm)  
Contact the instructor at 240-236-8505

# Program:     **Advanced Web Design and Animation**

**Post-Secondary Education: 4 year college degree**

**Careers:**     Web Designer, Web Master, Web Developer, Web Administrator, Graphic Design, Web Consultant, E Commerce Manager, E Commerce Developer

This sample high school schedule prepares students to pursue a four year college degree in the web design industry

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
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	Biology Honors	Physics	Chemistry
Government	Modern World History	American Studies 2	Elective
Physical Education/Health	Fine Art elective	<b>Advanced Web Design and Animation 1 &amp; 2 (538511) 11<sup>th</sup> or 12<sup>th</sup> grade</b>	Elective
Technology Education Credit	Elective		Elective
Foreign Language	Foreign Language		Elective
Elective	Elective		

**Color Key**

	Elective Courses
	Required Courses for Graduation
	CTE Completer Courses



Frederick County  
Career & Technology Center

***What are You Doing?***



# Program:     **Advanced Web Design and Animation**

**Post-Secondary Education: 2 year technical school or AA degree**

**Careers:**     Web Designer, Graphic Design, Web Developer

This sample high school schedule prepares students to continue their training at a two year community college or technical school

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
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	<b>Advanced Web Design and Animation 1 &amp; 2 (538511) 11<sup>th</sup> or 12<sup>th</sup> grade</b>	Elective
Technology Education Credit	Elective		Elective
Foreign Language	Foreign Language		Elective
Elective	Elective		Elective

**Color Key**

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***What are You Doing?***



# Program:     **Advanced Web Design and Animation**

Post-Secondary Education: none required

Careers:     Web Designer, Graphic Design

This sample high school schedule prepares students to enter directly into the workforce in the web design industry

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
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	Environmental Science	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	Advanced Web Design and Animation 1 & 2 (538511) 11 <sup>th</sup> or 12 <sup>th</sup> grade	Elective
Algebra IB	Technology Education Credit		Elective
Elective	Elective		Elective
Elective	Elective		Elective

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