

AT 6631 : Advanced Web Design

Virginia Beach City Public Schools ensures equal access to all CTE courses. Accessibility accommodations will be provided as needed.

Careers in web design and development are exploding and technology is ever-changing as new devices for internet use emerge. HTML, CSS and JavaScript are the critical web-coding languages learned in this course. Additionally, students explore user experience-focused design, web industry standards and the "business" of the web. Numerous coding editors and web application software by Adobe including Dreamweaver and Photoshop are utilized. A passion for design and coding are the only prerequisites for this course. In the second year, students will apply web-coding skills in a variety of design projects to suit all types of web-enabled devices. Using a simulation model of learning, students develop the skills to create and manage projects with a focus on meeting client needs. Industry-leading software is used throughout both years of the program. Qualified students will be eligible to sit for industry recognized certifications from Certified Internet Webmaster (CIW), Adobe and Microsoft.

Subject Area

Advanced Technology Center

Credits 3

Years 2

Level

High School

Grades

9

10

11

12