



INFORMATION TECHNOLOGY

WEB DEVELOPMENT PATHWAY

The Web Development pathway instructs students on the basics of designing a web page and leads to advanced web design and 3D animation. Web design can be found in every area of business and industry, as well as in individuals' personal life. Students will have the opportunity to learn skills that will help them create web pages, gaming and other digital media features.

PATHWAY COURSES

- Introduction to Digital Technology
- Computer Science Principles
- Web Development

RECOMMENDED COURSES

- Any Business and Computer Science Course
- Art
- Broadcast/Video Production
- Introduction to Graphics and Design
- Marketing Principles
- Work-Based Learning
- World Language
- Yearbook/Journalism

POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES

TECHNICAL COLLEGES

- Computer Animation and Multimedia
- Computer Simulation
- Design and Media Production Technology
- Digital Media
- Internet Specialist - Website Design
- Printing and Graphics Technology
- Website Designer

COLLEGES/UNIVERSITIES

- Animation
- Computational Media
- Computer Science
- Graphic Designer

CAREER AND TECHNICAL STUDENT ORGANIZATIONS



TOP CAREER CHOICES

Computer Specialist

Associate Degree needed
\$55,640 annual salary
80 annual average openings in Georgia

Desktop Publisher

Post-Secondary Vocational Training needed
\$30,680 annual salary
30 annual average openings in Georgia

Graphic Designer

Bachelor Degree needed
\$44,034 annual salary
160 annual average openings in Georgia

Multi-Media Artist and Animator

Bachelor Degree needed
\$44,554 annual salary
40 annual average openings in Georgia

ADDITIONAL CAREER CHOICES

- Computer Service Technician
- Database Developer
- Graphic Designer
- Help Desk Support
- Illustrator
- Internet Specialist
- Multimedia Developer
- Network Analyst
- Network Engineer
- Programmer
- Project Manager
- Software Trainer
- Video Game Developer
- Web Developer
- Webmaster
- Website Designer

- Alliance Academy for Innovation
- Forsyth Central High School
- North Forsyth High School
- Denmark High School
- Forsyth Virtual Academy
- South Forsyth High School
- East Forsyth High School
- Lambert High School
- West Forsyth High School



Source: GADOE Plans of Study

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Career-Pathways-New-Rule.aspx>