

Suggested Pathway

9th - 11th Grade

- Take 2 Visual Art Classes

10th Grade

- Business Web Design I & II
- Digital Media I

11th Grade

- ALC Digital Media II
- ALC Web Development II

12th Grade

- ALC HTML 5
- ALC 3D Graphics
- ALC 3D Animation



Digital MEDIA

Career and College Readiness



Advanced Learning Center
570 S. Main
Springville, UT 84663
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alc.nebo.edu

CAREER OUTLOOK

MULTIMEDIA ARTISTS AND ANIMATORS

2010 Median Pay - \$58,510 annual
\$28.13/hour
Employment of multimedia artists and animators is expected to grow by 8% from 2010 to 2020, slower than the average for all occupations. Expected growth will be due to increased demand for animation and visual effects in video games, movies, and television.

WEB DEVELOPERS

2010 Median Pay - \$75,660 annual
\$36.37/hour
Employment of information security analysts, web developers, and computer network architects is projected to grow 22% from 2010 to 2020, faster than the average for all occupations.

DIGITAL MEDIA



MISSION

ALC Digital Media courses provide today's students with the hands-on skills and knowledge necessary to excel in the digital age. Industry technology and tools are used so that students will have an edge in college and career preparation. Assignments and projects are based on real world solutions.

HTML 5
Web Development II
3D Graphics & Animation
Digital Media II

COURSES

HTML 5: In this one semester course, students are introduced to Canvas and SVG. Utilizing HTML 5, CSS and JavaScript, they develop web-based applications. Students should have a solid, foundational knowledge of web development, including HTML and CSS.

3D GRAPHICS & ANIMATION: This course provides students opportunities to develop advanced design skills in a production pipeline using storyboarding, 3D modeling, texture mapping, and lighting and rendering techniques. These skills are used in marketing, game design, visual effects, aerospace, automotive, health sciences and architectural industries.

TECHNOLOGY

Flash
Premiere
After Effects
Audition
Dreamweaver
Nikon Cool Pix Digital Cameras
Wacom Bamboo Tablets
Notepad ++
Photoshop
Unity 3D
Blender

WEB DEVELOPMENT II: This course is designed to build on a previous knowledge of HTML, CSS and JavaScript. Students learn how to plan, design, develop, deploy, and critique a website including images, sound, video, forms, and separating content from presentation. JavaScript is taught second semester with an emphasis on website interaction

DIGITAL MEDIA II (DGM 1110 UVU CE 4 Credits): In this extensive introduction to digital media, students learn: user-centered design, digital imaging, audio editing and compression, video production, fundamentals of web programming (HTML, CSS, and JavaScript), and copyright/fair use policies. Students utilize web tools through collaboration. In the final project, students design and deploy a portfolio website.

