

Virginia Western Community College

ART 117

Design for the Web II

Prerequisites

ART 116

Course Description

Continues the study of design concepts introduced in Design for the Web I (ART 116). Concentrates on the addition of animation, sound, and interactivity to the web pages. Explores advanced design problems.

Semester Credits: 3

Lecture Hours: 2

Studio Instruction: 2

Required Materials

1. Textbook
2. Internet access
3. Canvas

Textbook:

Duckett., HTML and CSS: Design & Build Websites. Wiley & Sons Publishing. ISBN: 978-1-118-00818-8.

Other Required Materials:

None

Course Outcomes

At the completion of this course, the student should be able to:

- Plan to integrate animation, video, sound, and interactivity into web pages
- Design advanced concepts using industry-standard software and coding techniques
- Produce a complex, functional, and well-designed web site integrating graphics, text, animation, sound, video, and interactive elements
- Consider dynamic HTML and other coding languages in designing a web site
- Construct advanced cascading style sheets
- Create interactivity for web sites
- Organize advanced design ideas into a web site
- Design for responsive implementation
- Produce grid design
- Develop knowledge in streaming audio and video

Major Topics to be Included

- Understanding of dynamic HTML
- Cascading style sheets
- Other coding methods
- Responsive design
- Animation
- Grid design
- Streaming audio and video
- Cross-browser issues
- Test designs

Notes to Instructors

[ADA Statement \(PDF\)](#)

[Title IX Statement \(PDF\)](#)