

# 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**

##### **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**