

# WEB - Web & Multimedia Design

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## Courses

### **WEB 111 Web Development 1**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

An introduction to website design using CSS and HTML5.

Prerequisites: None

### **WEB 112 Web Development 2**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A continuation of WEB 111. Topics include: advanced use of cascading style sheets, and ensuring multi-platform and cross-browser usability of websites.

Prerequisites: WEB 111 (minimum grade C)

### **WEB 130 Web Programming: JavaScript**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on fundamentals of the JavaScript scripting language.

Prerequisites: WEB 111 (minimum grade C)

### **WEB 191 Part-Time Cooperative Education 1: Web & Multimedia Design**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their first part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: None

### **WEB 192 Part-Time Cooperative Education 2: Web & Multimedia Design**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their second part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 191

### **WEB 193 Part-Time Cooperative Education 3: Web & Multimedia Design**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their third part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 192

### **WEB 194 Part-Time Cooperative Education 4: Web & Multimedia Design**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fourth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 193

### **WEB 195 Part-Time Cooperative Education 5: Web & Multimedia Design**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their fifth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 194

### **WEB 196 Part-Time Cooperative Education 6: Web & Multimedia Design**

**1 Credit. 1 Lecture Hour. 20 Lab Hours.**

Students seeking an associate's degree participate in their sixth part-time field learning experience related to their degree. Students are expected to register for academic courses during the same semester. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 195

### **WEB 200 Web Design Portfolio Review**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

An assessment of skills required to enter upper-level courses in the Web & Multimedia Design program, including a technical skills exam and presenting a portfolio to a panel of evaluators. Students receive grades of Satisfactory or Unsatisfactory, and must pass the course to be eligible for cooperative education assignments. Those who do not pass may make one additional attempt.

Prerequisites: Web Multimedia Design Program Chair consent

### **WEB 220 Animated and Interactive Web Content**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on professional techniques for using Adobe Flash. Topics include: animating, creating and manipulating images; and creating interactive websites and menus.

Prerequisites: WEB 111 (minimum grade C)

### **WEB 225 Applied 2D Graphics: Web Design**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on applications of 2D graphics techniques for raster-based and vector-based software, focusing on creating 2D graphics for web and multimedia applications.

Prerequisites: GRD 120 and GRD 130 and WEB 111 (minimum grade C for all)

### **WEB 235 Responsive Web Design**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on designing websites using a responsive web design approach to provide optimal viewing experiences across a range of devices including mobile phones, tablets, laptop and desktop computers. Topics include: fluid proportion-based grids, flexible images, and CSS3 media queries.

Prerequisites: WEB 112

### **WEB 240 Web Development: Advanced Topics**

**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

A course on current concepts and techniques used in web design. Topics include: content management systems, and mobile applications.

Prerequisites: WEB 112 (minimum grade C)

**WEB 285 Web & Multimedia Design Independent Final Project**  
**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

Qualified students work individually or with an approved team from concept to completion on a web and multimedia design project, and present the results to reviewers. Topic and outline must be presented to a jury of instructors, and approved prior to course registration. Students who do not successfully complete the course may make one additional attempt.

Prerequisites: Web Design Program Chair consent, and minimum 3.0 GPA

Instructor Consent Required

**WEB 290 Web & Multimedia Design Capstone**  
**3 Credits. 2 Lecture Hours. 3 Lab Hours.**

Qualified students work in structured teams to develop web and multimedia deliverables for an external client, and present the results to reviewers. Activities include audience, client, and market analysis; and all phases of production of materials. Students who do not successfully complete the course may make one additional attempt.

Prerequisites: Web Multimedia Design Program Chair consent, and minimum 2.5 GPA

Instructor Consent Required

**WEB 291 Full-Time Cooperative Education 1: Web & Multimedia Design**

**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their first full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: None

**WEB 292 Full-Time Cooperative Education 2: Web & Multimedia Design**

**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their second full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 291

**WEB 293 Full-Time Cooperative Education 3: Web & Multimedia Design**

**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their third full-time field learning experience related to their degree. Students must follow cooperative education policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 292

**WEB 294 Internship 1: Web Design**

**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their first unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: MID 190, WEB 200

**WEB 295 Internship 2: Web Design**  
**2 Credits. 1 Lecture Hour. 40 Lab Hours.**

Students seeking an associate's degree participate in their second unpaid field learning experience related to their degree. Students must follow applicable policies and procedures to earn credit. Grades issued are Satisfactory or Unsatisfactory.

Prerequisites: WEB 294