Effective Fall 2012

Digital Media Technology AS Degree
Specialization in Web Development

**ELECTIVES**

**Semester 1 (14 hours)**

**DIG 2100C - Web Essentials**
2 credit / 3 contact
Students build websites using XHTML & CSS, mockup browser, plan and validate projects and discuss audiences. (online)

**DIG 2106C - Advanced Client-side Programming**
3 credit / 4 contact
Covers the Document Object Model, HTML & CSS forms, jQuery, JSON, AJAX and asynchronous JavaScript. Minimum grades of C in DIG 1102C and DIG 2106C, and DIG 2109C, OR minimum grades of C in COP 1000 and COP 2822, or department approval.

**DIG 2101C - Advanced Web Essentials**
3 credit / 4 contact
Students learn about cross-browser compatibility, the terminology of internet systems, and advanced CSS techniques. (Special Fee: $36.00). Prerequisites: Minimum grades of C in DIG 2100C and either DIG 2000C or GRA 1140C; or department approval; Co-requisites: None

**DIG 2107C - Advanced Server-side Programming**
3 credit / 4 contact
Covers concepts in hardware and software, types of computer files, principles of visual and interactive design, and a survey of the software and equipment a student will use in multimedia projects. (online)

**DIG 2170C - Web Application Development**
3 credit / 4 contact
Minimum grades of C in DIG 2106C and DIG 2107C, and DIG 2109C, and DIG 2561C and COP 2341; or department approval.

**DIG 2284C - Project Management**
3 credit / 4 contact
Covers basic programming knowledge with a focus on the JavaScript programming language. Special Fee: $36.00;

**DIG 2561C - Digital Media Portfolio**
1 credit / 2 contact
Creation of a final digital portfolio summarizing the student’s work. Minimum grade of C in DIG 2284C, or DIG 2523C, or DIG 2525C; or department approval.

**DIG 2580C - Digital Media Portfolio**
1 credit / 2 contact
Creation of a final digital portfolio summarizing the student’s work. Minimum grade of C in DIG 2284C, or DIG 2523C, or DIG 2525C; or department approval.

**DIG 2943 - Internship in Digital Media**
1 credit
Students connect with real employers and gain work experience. Satisfactory completion of all mandated courses in reading, math, English, & EAP; a min. 2.0 institutional or overall GPA; and 12 credits, incl. a min. grade of C in DIG 2284C or DIG 2523C, or DIG 2525C; or department approval.

For more information contact:
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