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Semester 1 (12 credits)

DIG 1940 - PROFESSIONAL DEVELOPMENT FOR DIGITAL MEDIA
Credit: 1 / Hours per week: 1
The student will perform self-reflective exercises to determine working and learning styles, research industry positions, learn basic job hunting skills, attend meetings of professional organizations, and learn how to develop and present their work.

DIG 2000C - INTRODUCTION TO DIGITAL MEDIA AND DESIGN
Credit: 5 / Hours per week: 7
An introduction to computers and application programs currently used in the industry for visual communication projects. Students will apply principles of design and typography to plan, produce, and present individual and group projects typical of those used in the graphics and digital media industry.

DIG 1102C - INTRODUCTION TO CLIENT-SIDE PROGRAMMING
Credit: 3 / Hours per week: 4
Covers basic programming knowledge applied to front-end web technology with a focus on the Javascript programming language.

College-level Mathematics (MAC 1105 - College Algebra recommended)
Credit: 3 / Hours per week: 3

Semester 2 (11 credits)

DIG 2100C - WEB ESSENTIALS
Credit: 2 / Hours per week: 3
Students become familiar with essential concepts used to employ critical thinking and basic programming skills to create standards compliant web sites. Students also learn the importance of usability, accessibility, and web standards when creating projects.

DIG 1108C - INTRODUCTION TO SERVER-SIDE PROGRAMMING
Credit: 3 / Hours per week: 3
Covers basic programming knowledge applied to back-end web technology with a focus on the PHP programming language.

DIG 1631C - DIGITAL INDUSTRY PRACTICES
Credit: 3 / Hours per week: 3
The business practices of digital media industries are examined with special emphasis on project management, legal issues, teamwork, contracts, communication, and revenue.

ENC 1101 - Freshman Composition 1
Credit: 3 / Hours per week: 3

Semester 3 (12 credits)

DIG 2101C - ADVANCED WEB ESSENTIALS
Credit: 3 / Hours per week: 3
Prerequisite: Minimum grades of C in **DIG 2100C** and either **DIG 2000C** or **GRA 1142C**; or department approval Students will learn about cross-browser compatibility, the terminology of internet systems, and advanced CSS techniques.

DIG 2106C - ADVANCED CLIENT-SIDE PROGRAMMING
Credit: 3 / Hours per week: 4
Pre-requisite: Minimum grade of C in either **DIG 1102C** or COP 1000; AND minimum grade of C in either **DIG 2100C** or COP 2282; or department approval Covers event-driven programming, manipulating the Document Object Model, client-side event handling, and HTML forms with an industry-standard Javascript framework.

DIG 2092C - ETHICS OF WEB DEVELOPMENT
Credit: 3 / Hours per week: 3
Prerequisite: Minimum grade of C in **DIG 1631C** or department approval Students will explore community contribution, open source etiquette, attribution and the ethical questions surrounding social media and work for hire.

College-level Humanities
Credit: 3 / Hours per week: 3

Semester 4 (12 credits)

DIG 2107C - ADVANCED SERVER-SIDE PROGRAMMING
Credit: 3 / Hours per week: 4
Prerequisites: Minimum grade of C in **DIG 1940**; AND minimum grade of C in either **DIG 1180C** or COP 1000; AND minimum grade of C in either **DIG 2100C** or COP 2282; or department approval Covers the interaction of client requests over the internet, web services (PHP, HTML, HTTP) Business Objects and Business Logic Software design patterns, and generating responses over a server.

Elective (3 credits)

DIG 2561C - PROJECT MANAGEMENT FOR DIGITAL MEDIA
Credit: 3 / Hours per week: 3
Prerequisite: Minimum grade of C in **DIG 2106C** or **DIG 2107C**; or department approval. This course covers planning and managing the creative and technical requirements of a web or multimedia project. Topics include project scheduling, budgeting, tracking, and reporting.

POS 2041 - US Government
Credit: 3 / Hours per week: 3

Semester 5 (12 credits)

Elective (3 credits)

Elective (3 credits)

DIG 2950C - DIGITAL MEDIA PROJECT
Credit: 3 / Hours per week: 4
Prerequisites: Minimum grade of C in **DIG 2284C** or **DIG 2342C** or **DIG 2561C**; or department approval. Students will participate in selected projects for clients internal and external to the college, creating video and motion graphic content.

SPC 1017 - Interpersonal Communication
Credit: 3 / Hours per week: 3

Semester 6 (5 credits)

DIG 2580C - DIGITAL MEDIA PORTFOLIO REVIEW
Credit: 1 / Hours per week: 2
Prerequisite: Minimum grade of C in **DIG 2284C** or **DIG 2342C** or **DIG 2561C**; or department approval Creation by the student of a final digital portfolio summarizing the student's body of work. The student will design and complete a resume, self-promotional piece, and undergo a formal interview with industry professionals. Students will be expected to earn a C or higher on a comprehensive exam using industry-standard software and procedures.

Elective (3 credits)

DIG 2943 - INTERNSHIP IN DIGITAL MEDIA
Credit: 1 to 4 / 80 hours per credit
Prerequisites: 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 2342C** or **DIG 2561C**. The Program Director/Program Chair/Program Coordinator or Internship Workforce Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses; This course is a planned work-based experience that provides students with an opportunity to fine-tune skill sets learned in coursework and enhance workplace skills through supervised practical experience related to their career objectives. Each earned credit hour of internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated

Electives

DIG 2170C - WEB APPLICATION DEVELOPMENT
Credit: 3 / Hours per week: 3
Prerequisite: Minimum grades of C in **DIG 2106C** and **DIG 2107C** and **DIG 2561C** and COP 2341; or department approval Given a set of requirements, students will build a complete application, from modeling the data to the final display of the page.

DIG 2312C - INTRODUCTION TO ACTIONSCRIPT
Credit: 3 / Hours per week: 4
Prerequisite: Minimum grades of C in **DIG 1102C** and **DIG 1940**; or department approval Reinforces basic programming concepts inside the Adobe Flash environment. Students will learn the basics of the Flash interface along with beginning to intermediate level coding inside ActionScript.

DIG 2317C - ADVANCED ACTIONSCRIPT
Credit: 3 / Hours per week: 4
Prerequisite: Minimum grades of C in **DIG 1108C** and **DIG 2312C**; or department approval Using industry-standard authoring software and scripting languages, students author an advanced interactive presentation through various stages of development with emphasis on optimizing and debugging. Special attention is given to creating interactive projects and interfaces.

NOTE: You can find COP, COT, or CTS courses offered under the Computer Science program.

COP 2341C LINUX SHELL SCRIPTING
Credit: 3 / Hours per week: 4

CTS 2321C - LINUX SYSTEM ADMINISTRATION
Credit: 3 / Hours per week: 4

COT 2104C - FOUNDATIONS OF DISCRETE MATHEMATICS
Credit: 3 / Hours per week: 3

Tech Certificates

DIGITAL MEDIA DEVELOPMENT - 12 CREDITS

- DIG 2000C - Introduction to Digital Media & Design
- DIG 1940 - Professional Development for Digital Media
- DIG 1102C - Introduction to Client-side Programming
- DIG 1108C - Introduction to Server-side Programming