DIG: DIGITAL MEDIA TECH

Courses | Credit(s) | Contact | Lab
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DIG 1102C. INTRODUCTION TO WEB PROGRAMMING | 3 | 3 | 1

INTRODUCTION TO WEB PROGRAMMING Covers basic programming knowledge applied to front-end web technology with a focus on a current web programming language. (Special Fee: $65.00).

DIG 1108C. INTRODUCTION TO SERVER-SIDE PROGRAMMING | 3 | 3 | 1

INTRODUCTION TO SERVER-SIDE PROGRAMMING Prerequisites: Minimum grade of C in DIG 1102C or department approval. Covers basic programming knowledge applied to back-end web technology with a focus on a current web programming language. (Special Fee: $37.00).

DIG 1452C. ANNOUNCING AND PERFORMANCE FOR MULTIMEDIA | 3 | 2 | 2

ANNOUNCING AND PERFORMANCE FOR MULTIMEDIA An introduction to the techniques, practices and procedures in recorded and live event performance. Students will analyze scripts, practice vocal exercises, review current trends in media presentation, and learn techniques associated with different media production environments.

DIG 1631C. DIGITAL INDUSTRY PRACTICES | 3 | 2 | 1

DIGITAL INDUSTRY PRACTICES The business practices of digital media industries are examined with special emphasis on project management, legal issues, teamwork, contracts, communication, and revenue. (Special Fee: $65.00).

DIG 1940. PROFESSIONAL DEVELOPMENT FOR DIGITAL MEDIA | 1 | 1 | 0

PROFESSIONAL DEVELOPMENT FOR DIGITAL MEDIA 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. (Special Fee: $31.00).

DIG 2000C. INTRO TO DIGITAL MEDIA & DESIGN | 3 | 2 | 2

INTRO TO DIGITAL MEDIA & DESIGN Introduction to history, principles, and processes associated with digital media and designing for digital media with emphasis on production and communication. (Special Fee: $127.00).

DIG 2030C. DIGITAL VIDEO AND SOUND | 3 | 2 | 2

DIGITAL VIDEO AND SOUND Prerequisite: Minimum grade of C in DIG 2000C or GRA 1142C; or department approval Introduces concepts and principles of producing and assembling digital video and the tools and techniques of video and sound capture. (Special Fee: $107.00).

DIG 2092C. ETHICS OF WEB DEVELOPMENT | 3 | 2 | 1

ETHICS OF WEB DEVELOPMENT 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. (Special Fee: $65.00).

DIG 2100C. WEB ESSENTIALS | 2 | 2 | 1

WEB ESSENTIALS 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. (Special Fee: $4.00).

DIG 2101C. ADVANCED WEB ESSENTIALS | 3 | 2 | 1

ADVANCED WEB ESSENTIALS 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. (Special Fee: $65.00).

DIG 2106C. ADVANCED CLIENT-SIDE PROGRAMMING | 3 | 3 | 1

ADVANCED CLIENT-SIDE PROGRAMMING Prerequisite: Minimum grade of C in DIG 2100C 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. (Special Fee: $37.00).

DIG 2107C. ADVANCED SERVER-SIDE PROGRAMMING | 3 | 3 | 1

ADVANCED SERVER-SIDE PROGRAMMING Prerequisites: Minimum grade of C in DIG 1940; AND minimum grade of C in either DIG 1108C 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. (Special Fee: $37.00).

DIG 2109C. DIGITAL IMAGING FUNDAMENTALS | 3 | 2 | 2

DIGITAL IMAGING FUNDAMENTALS Prerequisites: Minimum grade of C in DIG 2000C; and minimum grade of C in either DIG 2010C or ART 1300C; or departmental approval Introduces concepts and principles of image creation, and the tools and techniques of image capture, creation, manipulation, and integration for design concepts. (Special Fee: $84.00).

DIG 2170C. WEB APPLICATION DEVELOPMENT | 3 | 2 | 1

WEB APPLICATION DEVELOPMENT 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. (Special Fee: $37.00).

DIG 2180C. INTERMEDIATE CLIENT-SIDE PROGRAMMING | 3 | 3 | 1

INTERMEDIATE CLIENT-SIDE PROGRAMMING Prerequisite: 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 This course builds upon foundational skills learned in Intro to Web Programming. Students create independent development work using Intermediate aspects of JavaScript. (Special Fee: $65.00).

DIG 2282C. VISUAL MEDIA ESSENTIALS | 3 | 3 | 1

VISUAL MEDIA ESSENTIALS Students will learn basic concepts of video production, video editing, graphics creation, project authoring, and distribution of media. (Special Fee: $84.00).

DIG 2284C. ADVANCED DIGITAL VIDEO AND SOUND | 3 | 2 | 2

ADVANCED DIGITAL VIDEO AND SOUND Prerequisites: Minimum grades of C in DIG 2030C and DIG 2430C; or department approval Develops creative and organizational skills needed for advanced digital video production. Requires participation in a group video production. (Special Fee: $227.00).
DIG 2291C. ADVANCED AUDIO VISUAL TECHNOLOGY.
ADVANCED AUDIO VISUAL TECHNOLOGY Prerequisites: Minimum grade of C in TPA 2257C for Entertainment Design Technology students, or minimum grade of C in DIG 2030C for Digital Media Technology students; or department approval. An in-depth exploration of the audiovisual technology and practices of the entertainment industry, the course will focus on the development of proficiency in the operation of a variety of audiovisual equipment with emphasis on systems integration. (Special Fee: $127.00).

DIG 2292C. DIGITAL POST-PRODUCTION.
DIGITAL POST-PRODUCTION Prerequisite: Minimum grade of C in DIG 2030C or departmental approval A detailed exploration into editing theory and post-production tasks. Includes instruction in color correction and authoring interactive designs for motion picture distribution. (Special Fee: $37.00).

DIG 2302C. INTRODUCTION TO 3D MOTION GRAPHICS.
INTRODUCTION TO 3D MOTION GRAPHICS Prerequisites: Minimum grades of C in GRA 2156C and either DIG 2341C or GRA 2160; or department approval Students will learn fundamental concepts for the creation of three-dimensional motion graphics. (Special Fee: $126.00).

DIG 2312C. INTRODUCTION TO ACTIONSCRIPT.
INTRODUCTION TO ACTIONSCRIPT 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. (Special Fee: $65.00).

DIG 2317C. ADVANCED ACTIONSCRIPT.
ADVANCED ACTIONSCRIPT 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. (Special Fee: $37.00).

DIG 2341C. INTRODUCTION TO MOTION GRAPHICS.
INTRODUCTION TO MOTION GRAPHICS Prerequisite: Minimum grades of C in ART 1300C and DIG 2000C; or department approval. Prerequisite or Corequisite: DIG 1940 Students will learn basic concepts of motion graphics creation for various distribution formats. (Special Fee: $47.00).

DIG 2342C. ADVANCED MOTION GRAPHICS.
ADVANCED MOTION GRAPHICS Prerequisites: Minimum grades of C in GRA 1206C and either DIG 2341C or GRA 2160; or department approval Advanced motion graphics concepts and techniques will be taught, enabling students to produce sophisticated motion graphic projects. Students will explore programming and input devices used to create more complex motion graphics. (Special Fee: $23.00).

DIG 2430C. DIGITAL STORYTELLING.
DIGITAL STORYTELLING Prerequisite: Minimum grade of C in either ART 1300 or DIG 1940 or JOU 2100 or department approval. The course focuses on the use of narrative forms in interactive media and other new technologies. Students will explore and create non-linear and interactive story structures. (Special Fee: $84.00).

DIG 2431C. ADVANCED DIGITAL STORYTELLING.
ADVANCED DIGITAL STORYTELLING Prerequisites: Minimum grade of C in DIG 2430C; or department approval Students create purpose-driven narratives utilizing industry-standard software. (Special Fee: $23.00).

DIG 2500C. FUNDAMENTALS OF INTERACTIVE DESIGN.
FUNDAMENTALS OF INTERACTIVE DESIGN Prerequisites: Minimum grade of C in either DIG 2000C or GRA 1142C; or department approval. Foundations of interactive media including user-interface design. Students combine audio, video, imaging, and animation using industry standard software. (Special Fee: $37.00).

DIG 2561C. PROJECT MANAGEMENT FOR DIGITAL MEDIA.
PROJECT MANAGEMENT FOR DIGITAL MEDIA 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. (Special Fee: $37.00).

DIG 2562C. INTRODUCTION TO CONTENT MANAGEMENT SYSTEMS.
INTRODUCTION TO CONTENT MANAGEMENT SYSTEMS Prerequisite: Minimum grades of C in both DIG 1108C and DIG 1940; or department approval Introduces concepts for the design and development of industry standard applications using Content Management Systems. Students will learn the basics of an industry-standard Content Management System along with beginning to intermediate level coding using common web development languages. (Special Fee $65.00).

DIG 2564C. ADVANCED CONTENT MANAGEMENT SYSTEMS.
ADVANCED CONTENT MANAGEMENT SYSTEMS Prerequisite: Minimum grade of C in DIG 2562C or department approval. Using industry-standard authoring software and scripting languages, students author an advanced interactive application using a Content Management System through various stages of development with emphasis on optimizing and debugging. (Special Fee $65.00).

DIG 2580C. DIGITAL MEDIA PORTFOLIO REVIEW.
DIGITAL MEDIA PORTFOLIO REVIEW Prerequisite: Minimum grade of C in DIG 2284C for Video Production Specialization, or DIG 2822C for Mobile Journalism Specialization, or DIG 2950C for Motion Graphics Specialization, or DIG 2561C for Web Development Specialization; 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. (Special Fee: $33.00).

DIG 2822C. VIDEO JOURNALISM.
VIDEO JOURNALISM Prerequisites: Minimum grades of C in DIG 1940 and DIG 2030C; or department approval Students will learn the fundamentals of electronic news gathering. Topics to be covered include shooting and editing a news package, as well as writing and producing techniques. (Special Fee: $111.00).

DIG 2930. SELECTED TOPICS IN DIGITAL MEDIA TECHNOLOGY.
SELECTED TOPICS IN DIGITAL MEDIA TECHNOLOGY For students who are interested in advanced topics in digital media technology. May include lab and/or field work as part of the class, depending on topic. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied.
DIG 2941. INTERNSHIP EXPLORATION IN DIGITAL MEDIA.
1-4 variable

INTERNSHIP EXPLORATION IN DIGITAL MEDIA Prerequisites:
Satisfactory completion of all mandated courses in reading, math, English, & EAP; 2.0 institutional or overall GPA; 12 credits, including a minimum grade of C in DIG 2000C; or Program Chair approval. This course is a planned work-based experience that provides students with supervised career exploration activities and/or practical experiences to assist in confirming their educational plans. Each earned credit of Internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied. (Special Fee: $10.00).

DIG 2943. INTERNSHIP IN DIGITAL MEDIA.
1-4 variable

INTERNSHIP IN DIGITAL MEDIA Prerequisites: Satisfactory completion of all mandated courses in reading, math, English, & EAP; a minimum 2.0 institutional or overall GPA; and 12 credits, including a minimum grade of C in DIG 2291C or DIG 2822C or DIG 2950C or DIG 2106C. The Program Dir./Prog. Chair/Prog. Coord. or IPO has the discretion to provide override approval as it relates to the waiver of required prog./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 for credit, but grade forgiveness cannot be applied. (Internship Fee: $10.00).

DIG 2950C. DIGITAL MEDIA PROJECT.
3 2 2

DIGITAL MEDIA PROJECT Prerequisites: Minimum grade of C in DIG 2030C or DIG 2341C or DIG 2106C, or department approval. Students will participate in selected media and/or web programming projects for clients internal/external to the college. (Special Fee: $34.00).