

CS 74.11 Course Outline as of Summer 2018**CATALOG INFORMATION**

Dept and Nbr: CS 74.11 Title: INTRO TO DIGITAL MEDIA

Full Title: Introduction to Digital Media

Last Reviewed: 9/11/2023

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: CIS 75.1

Catalog Description:

An introduction to digital imaging, illustrations, audio, video, animation and web content design best practices and content development. Using industry standard software, students will create and display a digital media portfolio on a website that they design. The portfolio will include text, graphics, logos, animation, video, and audio.

Prerequisites/Corequisites:**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

Description: An introduction to digital imaging, illustrations, audio, video, animation and web content design best practices and content development. Using industry standard software, students will create and display a digital media portfolio on a website that they design. The portfolio will include text, graphics, logos, animation, video, and audio. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: Area Effective: Inactive:

CSU GE: Transfer Area Effective: Inactive:

IGETC: Transfer Area Effective: Inactive:

CSU Transfer: Transferable Effective: Fall 2007 Inactive:

UC Transfer: Effective: Inactive:

CID:

Certificate/Major Applicable:

Both Certificate and Major Applicable

Approval and Dates

Version:	08	Course Created/Approved:	3/19/2007
Version Created:	11/13/2017	Course Last Modified:	6/2/2024
Submitter:	Jeffrey Diamond	Course last full review:	9/11/2023
Version Status:	Approved (Changed Course)	Prereq Created/Approved:	9/11/2023
Version Status Date:	11/27/2017	Semester Last Taught:	Spring 2024
Version Term Effective:	Summer 2018	Term Inactive:	Fall 2024

COURSE CONTENT

Student Learning Outcomes:

At the conclusion of this course, the student should be able to:

1. Identify current trends within the digital media industry, analyze and contrast digital media career opportunities in terms of growth and salary trends.
2. Apply their conceptual knowledge of digital storytelling to the construction of electronic portfolio that displays original digital media content.
3. Evaluate digital media based on storytelling and design best practices. Present and defend their evaluation.

Objectives:

At the conclusion of this course, the student should be able to:

1. Discuss current trends in the digital media industry.
2. Research and determine career opportunities in Digital Media.
3. Identify, create, edit, and display different types of digital file formats in text, graphics, animation, video, and audio.
4. Create an online digital multimedia presentation using photography, illustration, audio, animation, video and web authoring.

Topics and Scope:

I. Professional Opportunities in Digital Media

II. Interactive Design in Digital Media

- A. User interface content
- B. Different types of digital media file formats
 - 1. website images
 - 2. web-based delivery presentations
- C. Digital file formats
 - 1. native file formats
 - 2. portable file formats
- D. Transfer of media files
 - 1. Transferring between Mac and PC
 - 2. Downloading, uploading and using File Transfer Protocol to move files
 - 3. Exporting and importing file types between applications
 - 4. Cross-platform portable electronic presentations
- E. Capturing graphics and video
 - 1. Use of a digital camera
 - 2. Use of a digital video camera

III. Video Game Design in Digital Media

- A. Definition of a game?
 - 1. Design components and process
 - 2. Storytelling, narrative, and basic level design
 - 3. Creating the user experience
- B. Programming for video and serious game design
 - 1. Intro to Object Oriented Programming
 - 2. Understanding and writing syntactically corrected programming code
- C. Audio production for video
 - 1. Equipment
 - 2. Recording techniques
 - 3. Digital audio production
- D. Evaluation digital media presentations
 - 1. Functionality
 - 2. Interface design
- E. Other topics
 - 1. Copyright issues
 - 2. Web design issues

IV. Best Practices for Overall Digital Media Design

- A. User-interface
- B. Integration
- C. Navigation
- D. Interactivity
- E. Distribution

V. Creating Presentations Using Various Multimedia Applications

- A. Illustration programs
- B. Image-editing programs
- C. Animation, audio, video programs

Assignment:

1. Read approximately 25-30 pages per week
2. View and critique professional digital media content. Three to five pages of written critique
3. Create digital media content of increasing complexity which will include text, audio, animation, video, and images. Sample activities include:

- a. Create and edit digital images
 - b. Create a presentation with photos consistent with current copyright laws
 - c. Create a short video production
 - d. Create an interactive website that includes images, video, audio, games, logos, and text
4. View and critique other student presentations
 5. Quizzes (2 - 3)
 6. Final project: Interactive digital media presentation displayed on the web
 7. Presentation and critique of final projects

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written critiques	Writing 10 - 20%
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Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Digital media content creation and presentations	Problem solving 40 - 50%
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Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None	Skill Demonstrations 0 - 0%
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Exams: All forms of formal testing, other than skill performance exams.

Quizzes	Exams 20 - 40%
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Other: Includes any assessment tools that do not logically fit into the above categories.

Participation	Other Category 0 - 10%
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Representative Textbooks and Materials:

Adobe Creative Cloud Design Tools All-In-One for Dummies. Smith, Jennifer. John Wiley & Sons. 2013

Instructor prepared materials

OTHER REQUIRED ELEMENTS

STUDENT PREPARATION

Matric Assessment Required:	E	Requires English Assessment
Prerequisites-generate description:	NP	No Prerequisite
Advisories-generate description:	A	Auto-Generated Text
Prereq-provisional:	N	NO
Prereq/coreq-registration check:	N	No Prerequisite Rules Exist
Requires instructor signature:	N	Instructor's Signature Not Required

BASIC INFORMATION, HOURS/UNITS & REPEATABILITY

Method of instruction:	02	Lecture
	99	Credit by Exam
	72	Internet-Based, Delayed Interaction
	71	Internet-Based, Simultaneous Interaction
Area department:	CS	Computer Studies
Division:	72	Arts & Humanities
Special topic course:	N	Not a Special Topic Course
Program status:	1	Both Certificate and Major Applicable
Repeatability:	00	Two Repeats if Grade was D, F, NC, or NP
Repeat group id:		

SCHEDULING

Audit allowed:	Y	Auditable
Open entry/exit:	Y	Optional Open Entry/Open Exit
Credit by exam:	Y	Credit by examination allowed
Budget code: Program:	0000	Unrestricted
Budget code: Activity:	0701	Computer & Information Science

OTHER CODES

Discipline:	Computer Information Systems	
Basic skills:	N	Not a Basic Skills Course
Level below transfer:	Y	Not Applicable
CVU/CVC status:	Y	Distance Ed, Not CVU/CVC Developed
Distance Ed Approved:	Y	Either online or hybrid, as determined by instructor
Emergency Distance Ed Approved:	Y	Fully Online Partially Online Online with flexible in-person activities
Credit for Prior Learning:	N	Agency Exam
	N	CBE
	N	Industry Credentials
	N	Portfolio
Non-credit category:	Y	Not Applicable, Credit Course
Classification:	Y	Career-Technical Education
SAM classification:	C	Clearly Occupational
TOP code:	0614.10	Multimedia
Work-based learning:	N	Does Not Include Work-Based Learning

DSPS course:

N

Not a DSPS Course

In-service:

N

Not an in-Service Course