

CS 74.11 Course Outline as of Fall 2017**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

COURSE CONTENT

Outcomes and Objectives:

Upon completion of this course students will 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%

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%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

None

Skill Demonstrations
0 - 0%

Exams: All forms of formal testing, other than skill performance exams.

Quizzes

Exams
20 - 40%

Other: Includes any assessment tools that do not logically fit into the above categories.

Participation

Other Category
0 - 10%

Representative Textbooks and Materials:

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

Instructor prepared materials