

CS 74.21A Course Outline as of Fall 2010**CATALOG INFORMATION**

Dept and Nbr: CS 74.21A Title: DIGITAL VIDEO POSTPROD 1
 Full Title: Digital Video Post Production Techniques 1
 Last Reviewed: 3/23/2015

Units	Course Hours per Week	Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled 1.50	17.5	Lecture Scheduled 26.25
Minimum	1.50	Lab Scheduled 0	5	Lab Scheduled 0
		Contact DHR 0		Contact DHR 0
		Contact Total 1.50		Contact Total 26.25
		Non-contact DHR 0		Non-contact DHR 0

Total Out of Class Hours: 52.50

Total Student Learning Hours: 78.75

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 75.11A

Catalog Description:

This introductory class will teach video post production fundamentals using consumer-level NLE (non-linear editing) digital video software. Basic camera techniques, including audio and lighting, will be discussed. Demonstration of knowledge of these concepts will culminate in a short video that displays the application of these techniques.

Prerequisites/Corequisites:**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100; AND Course Completion of CS 101A (or CIS 101A) OR Course Completion of CS 105A (or CIS 105A or CIS 81.5A or BDP 81.5A)

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

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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 2001	Inactive: Fall 2022
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. Identify, assess, and apply concepts and definitions in digital video
2. Demonstrate the user interface
3. Prepare and import footage and files
4. Incorporate camera, audio, and lighting techniques
5. Capture video to disk

Topics and Scope:

1. Basic digital video concepts
 - a. Basic camera techniques including audio and lighting
 - b. Video terminology
 - c. Analog vs. digital
 - d. Non-linear editing definitions and techniques
 - e. Video capture
 - f. Frame rate
 - g. Digital video (DV) Technology
 - h. Firewire
 - i. Configuring your system
2. The user interface
 - a. Identifying and organizing palettes and windows
 - b. Working with the Time Line Layout windows
 - e. Navigating through time
 - f. Playing and previewing a project
3. Post Production Techniques

- a. Still frames
- b. Titles
- c. Credits
- d. Effects
- e. Transitions
- f. Multiple audio sources
- g. Working within a defined total running time (TRT)
- h. Basic DVD authoring

Assignment:

1. Homework: weekly video editing assignments
2. Read 20-30 pages per week
3. Final project: students will demonstrate their skills and problem solving techniques by creating a short edited clip with standardized video focusing on the following criteria:
 - a. Still frames
 - b. Titles
 - c. Credits
 - d. Effects
 - e. Transitions
 - f. Multiple audio sources
 - g. Working within a defined total running time (TRT)
 - h. outputting final video composite
4. Final objective exam

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.

None, This is a degree applicable course but assessment tools based on writing are not included because problem solving assessments and skill demonstrations are more appropriate for this course.

Writing
0 - 0%

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework assignments; final project

Problem solving
30 - 50%

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

Final project

Skill Demonstrations
30 - 50%

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

Multiple choice, True/false, Matching items

Exams
10 - 20%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

The Art of Digital Video, Fourth Edition, by John Watkinson, Focal Press, 2008

The Little Digital Video Book, 2nd Edition, by Michael Rubin, Peachpit Press, 2008

DV 101: A Hands-On Guide for Business, Government and Educators, by Jan Ozer, Peachpit Press, 2005