



HOUSATONIC COMMUNITY COLLEGE

Course Name: Digital Video Editing

Course Number: DGA* 283

Credits: 3

Catalog Description:

An introduction to the fundamentals of digital video editing. This course will prepare students for planning and capturing digital video footage. Students will be assembling and editing their footage into short movies using Apple Final Cut Pro. Topics will include editing and trimming, audio mixing, timeline, QuickTime movies, output to media, and using filters and effects.

PREREQUISITES OR PARALLEL: ENG* 101

Course Objectives:

General Education Competencies Satisfied:

HCC General Education Requirement Designated Competency Attribute Code(s):

AESX **Appreciation of the Aesthetic Dimensions of Humankind**

**Additional CSCU General Education Requirements for CSCU Transfer Degree Programs:
None**

Embedded Competency(ies):

CONX **Continuing Learning & Information Literacy (Outcomes 1 2 3 4)**

Discipline-Specific Attribute Code(s):

FINA **Fine Arts elective**

Course objectives:

General Education Goals and Outcomes:

Appreciation of the Aesthetic Dimensions of Humankind: Students will understand the diverse nature, meanings, and functions of creative endeavors through the study and practice of literature, music, the theatrical and visual arts, and related forms of expression.

Embedded Continuing Learning & Information Literacy: Students will be able to use traditional and digital technology to access, evaluate, and apply information to the needs or questions confronting them throughout their academic, professional, and personal lives.

1. **Demonstrate competency in using current, relevant technologies to solve problems, complete projects, and make informed decisions.**
2. **Access, navigate, identify and evaluate information that is appropriate for their need(s) and audience(s).**
3. **Synthesize information to broaden the knowledge base and produce both independent and collaborative work.**

4. Evaluate the economic, legal, ethical, and social issues surrounding the access and use of information and relevant technologies.

Course Specific Outcomes:

1. Demonstrate a knowledge of the methods, terminology, and aesthetic potential of digital video.
2. Demonstrate a knowledge of the tools commonly used in professional video productions.
3. Demonstrate a knowledge of the essential techniques used in digital video production.
4. Demonstrate a knowledge of artistic trends and styles acquired through visual examination and historic references that focus on social, political, and cultural contexts.
5. Investigate and articulate ethical choices when communicating through the visual medium.

Course Content:

In this course students will learn to edit video in a digital format using Apple's Final Cut Pro. Outputting to QuickTime and MPG2 formats. Students will create video productions implementing techniques learned in class such as drag and drop timeline editing, special effects filters, titling, and transition effects. Basic story structure, theme, and video content will also be covered.

Topics Summary:

Video Glossary and familiarity with terms of digital video
Historical view of digital video as a medium of communication
Storage Media/Formats
System Components
Introduction to Final Cut Pro
Creating Project Files
Using Keyboard Shortcuts
Choosing Video Settings and Compression
Importing Files/Batch processing
Editing Strategies
Sound and Lighting Design
Titling
Special Effects/Filters
Trouble Shooting

Topics include:

1. Working With The Interface
 - a. Preparing the Project
 - b. Final Cut Pro Interface
 - c. Following the Workflow
 - d. Working With Timeline and Canvas
 - e. Adjusting and Changing Clip Placement
2. Marking and Editing
 - a. Playing clips in the viewer

- b. Marking Clips
 - c. Working with Audio Clips
 - d. Preparing to Edit
 - e. Inserting Clips
3. Drag and Drop Editing
- a. Manipulating Clips in the Timeline
 - b. Preparing for Drag-and-Drop Editing
 - c. Dragging Clips to the Timeline
 - d. Dragging Audio to the Timeline
 - e. Changing a Clip in the Timeline
4. Marking in the Timeline
- a. Marking in the Timeline
 - b. Selecting Tracks in the Timeline
 - c. Deleting Clips and Gaps
 - d. Editing to an Audio Track
 - e. Importing Clips into a Project
 - f. Linking Clips Together
5. Trimming Edit Points
- a. Trimming Overview
 - b. Dragging to Trim
 - c. Trimming One Track of a Linked Clip
 - d. Trimming Rippling Effects
 - e. Extending an Edit Point
6. Capturing Footage
- a. Connecting Sources for Capture
 - b. Preview and Marking Your Source
 - c. Logging Your Clips
 - d. Choosing Clip Settings
 - e. Choosing Capture Settings
 - f. Capturing Options
7. Applying Transitions
- a. Understanding Transitions
 - b. Viewing Transition Options
 - c. Applying Video Transitions
 - d. Choosing Capture Settings
 - e. Capturing Options
8. Mixing Audio Tracks
- a. Organizing and Previewing Audio Tracks
 - b. Adjusting and Editing Audio Tracks in the Timeline
 - c. Changing Audio Levels Over Time

- d. Mixing Tracks Using the Audio Mixer
 - e. Importing CD Tracks
9. Applying Filters
- a. Applying Video Filters
 - b. Applying Corrective Filters
 - c. Applying Audio Filters
 - d. Adding Keyframes to Animate Filters
10. Adding Titles and Graphics
- a. Working With Text Generators
 - b. Adding Color Mattes
 - c. Working With Graphics
 - d. Adding Motion Effects to Text
11. Finishing and Outputting
- a. Reconnecting Media
 - b. Finishing Audio and Video
 - c. Exporting Finished Sequences
 - d. Outputting to Tape
 - e. Backing Up Projects
12. Final Video Presentations and Evaluation
- a. Review
 - b. Portfolio Presentation
 - c. Portfolio Critique