NOTE: This course is not designed for transfer credit.

Catalog Course Description:

This course is offered as a beginning level Final Cut Pro HD course. Covers all aspects of the application including multilayered motion graphics, nested effects, multi-track soundtracks, and compression for Internet and DVD delivery.

Entry Level Standards:

Students must be able to read at the college level and shall have had prior experience with desktop computers, preferably Apple (MAC).

Prerequisite:

None

Textbook(s) and Other Reference Materials Basic to the Course:

Sources of related information including videotapes, trade journals, library resources and Internet sources will be used. Note: Thanks to a major effort by the acquisitions staff at the College and funding by special grants like COET, PSTCC has built a large collection of books and videotapes related to the telecommunications industry. Students should investigate and utilize these resources. Students may want to purchase 1 portable/external Firewire hard drive with a minimum storage of 100 gigabytes.

Required Textbook: PDF document and Final Cut Pro HD DVD both from Genius DV.

Supplemental materials: Final Cut Pro HD: Editing Professional Video, by Diana Weynand.
Final Cut Pro HD: Hands-on Training, by Larry Jordan
Motion: Revolutionary Motion Graphic, by Damian Allen
DVD Studio Pro 3: Authoring Professional DVDs, by Adrian

I. Topic Basis: General list of topics to be covered for this course

Week 1  
Discuss syllabus and desired learning outcomes for the course. Evaluate class for related experience, skills and knowledge (pre-instruction assessment). Discuss students overall aspirations and expectations relative to this course. Instructor's background. Introduction to Apple operating system. System requirements and setup.
Introduction to Final Cut Pro user interface – part 1 – icons, volume control, project management, saving projects, viewer control. Introduction to DVD Studio Pro, Live Type and Motion. Introduce tutorials and PDF.
Lab: Import audio and video clips into the FCP sequence timeline – Project 1.
Week 2  
Conventions - visual storytelling. Watch editing style of commercial, documentary and/or feature film. Discuss editing techniques (pacing, tempo and editing efficiency). Introduction to Final Cut Pro user interface – part 2 – user layout, saving layout settings, control click, browser windows and tabs, canvas window, timeline window, tool bar, shortcut keys. Column headings, rearranging, sorting, resizing and saving columns, printing shot log.  
Lab: Edit Stonewalls restaurant – import audio, video and graphics. Edit full screen version and a second version with picture in picture, utilize scaling, or image and wire frame option – Project 2.

Week 3  
Lab: Edit Stonewalls restaurant – ADD YOUR OWN GRAPHICS - Live Type. Edit full screen version and a second version with picture in picture, utilize scaling, or image and wire frame option – Project 2.

Week 4  
Three point editing - using markers to make sub clips – put them in a new bin, renaming sub clips, keyboard commands, play, stop, rewind – 2X, single frame advancing – arrow keys. Markers and DVD Studio Pro. Thumbnails and thumbnail icons, log notes.  
Lab: Start editing the car commercials – Project 3.

Week 5  
Zooming in and out of timeline, track height, 4-2, Snapping, using the keyboard to move clips in timeline, swap edit, delete vs. ripple delete, blade tool, trimming clips with the arrow tool. Copying and pasting attributes.  
Lab: Finish editing the car commercials – Project 3.

Week 6  
Capture – settings, DV NTSC 48kHz, enabling speaker during capture, setup configurations, batch capture, time code breaks, scratch disks, audio channels, logging and logging bins, reel names and numbers, deck controls, clip duration, batch capture, start / stop detection.  
Lab: Pair off into groups of two, capture video from cameras or decks.  
Start to edit the Montage assignment with Live Type graphics - Project 4.

Week 8  
Transitions and Filters – setting a default transition, changing transition parameters, effects tab, changing filter parameters, stacking filters and saving filter favorites. Using the blade to and dissolving into a filter. Render types and the option + P, play through.  
Lab: Finish editing Montage assignment with Live Type graphics - Project 4.

Week 9  
Lab: High Definition Moving Filmstrip – Project 5.

Week 10  
** Mid Term – written and edited test. Use Jamaica Footage and edit together a
sequence for the Sandals resort.

Week 11  
**Lab: Introduce Garage Band and Sound Track - create a song with these programs. Finish Filmstrip – Project 5. Project 6 – is the mid term (Jamaica).**

Week 12  
**Motion** – lesson 1, Production company trailer – Project 7

**Motion** – lesson 2, Creating your own background templates – Project 8

Week 13  
**Motion** – lesson 3, Lower 3rd graphic (FCP & Motion Integration) – Project 9

Week 14  
**DVD** – Portfolio construction – Project 10

Week 15  
**DVD** – Portfolio construction

**Final Exam** – written and edited test.

II. Course Objectives*:

A. Master and employ advanced electronic video editing skills by completing various editing assignments utilizing a variety of linear and non-linear editing technologies and techniques. I, IV

B. Apply quality control to technical aspects of the video signal by using appropriate electronic test equipment. I, IV

C. Identify and delineate aesthetic elements, conventions, techniques and styles employed in compelling moving image/sound presentations; utilize them in project work. I, III, IV

D. Understand trends in industry-related technological developments that appear to have short and long term implications for the marketplace and the workplace. II

*Roman numerals after course objectives reference goals of the VPT program.

III. Instructional Processes*:

Students will:

1. Use appropriate technology to function within the discipline. *Technological Literacy Outcome*

2. Use critical thinking skills to interpret, evaluate, and make informed judgments. *Communication Outcome*

3. Apply established industry safety practices and procedures. *Transitional Strategy*
4. Use industry recognized criteria for organizing audio and visual media to elicit predetermined responses in users. *Communication Outcome, Technological Literacy Outcome*

5. Employ project management skills. *Transitional Strategy*

*Strategies and outcomes listed after instructional processes reference Pellissippi State’s goals for strengthening general education knowledge and skills, connecting coursework to experiences beyond the classroom, and encouraging students to take active and responsible roles in the educational process.

**IV. Expectations for Student Performance**: 

Upon successful completion of this course, the student should be able to:

1. Identify, describe and employ editing conventions considered as universally recognizable and understandable by most viewers, including the use of fades, dissolves, wipes and other special effects and storytelling techniques like flashback, foreshadowing, parallel action, continuity, etc. A, B

2. Operate a "desk top" computer based non-linear/linear editing system utilizing DVCam source footage (DVCam is a registered trademark of Sony). A

3. Digitally compose and manipulate a still image utilizing Adobe Photoshop and include this image in a videotape project. A

4. Create electronic titles to be used in a video project using computer software found in the VPT lab including, but not limited to, Photoshop, etc. A, D

5. Evaluate and discern editing styles from viewing and critiquing mass media. C

6. Describe the fundamental hardware requirements that must be met to build a digital video editing system around a desktop computer. A

7. Use raw footage supplied by the department; create an interpretive piece utilizing accepted conventions. A, C

8. Use raw footage supplied by the department, create an interpretive piece utilizing accepted conventions. A, C

*Letters after performance expectations reference the course objectives listed above.*
V. Evaluation:

A. Testing Procedures: 40% of grade

Tests/Quizzes

B. Laboratory Expectations: 60% of grade

Students will develop proficiency with video editing using Final Cut Pro HD.
Quizzes will count for 10% of the final grade
Tests will count for 30% of the final grade
Projects will count for 60% of the final grade

10 quizzes @ 10 points = 100
2 exams @ 150 points = 300
10 projects @ 60 points = 600

Total = 1000

C. Other Evaluation Methods:

Participation in class discussions, successful completion of assigned projects, attendance and periodic tests will constitute the basis for the final grade. Since this is a lab class, a heavy emphasis will be placed on the student’s willingness to learn and demonstrate knowledge of the operation of equipment incidental to the video editing process and their understanding of basic editing conventions as demonstrated in their project work. In addition, students will be tested over outside reading/research assignments and materials and information presented in class by the instructor and research presented by other students.

D. Grading Scale:

90 – 100  A
80 – 89   B
70 – 79   C
60 – 69   D
below 60  F

VI. Policies:

A. Attendance Policy:

Pellissippi State Technical Community College expects students to attend all scheduled instructional activities. As a minimum, students in all courses must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course (Pellissippi State Catalog). Individual departments/programs/disciplines, with the approval of the vice president of Academic and Student Affairs, may have requirements that are more stringent.

VPT Program:

The VPT program believes a more stringent requirement is realistic because of the contractual commitment made by the College with local area employers. Therefore, to successfully complete VPT courses, students must attend at least 85% of classes. To be considered “in attendance”, students are expected to be in class at the scheduled starting time for that class.
Students will be considered “tardy” from that time until 10 minutes after the scheduled starting time. Three such “tardies” shall constitute an “absence”. Students arriving any time after 10 minutes beyond the scheduled time for a class will be considered “absent”.

B. Academic Dishonesty:

In keeping with college-wide policies, the student is expected to adhere to the general rules and regulations relevant to academic and classroom misconduct as outlined in the catalog.

C. Accommodations for disabilities

If you need accommodations because of a disability, if you have emergency medical information to share, or if you need special arrangements in case the building must be evacuated, please inform the instructor immediately. Please see the instructor privately after class or in his/her office. Students must present a current accommodation plan from a staff member in Services with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may contact by going to Goins 127 or 131 or by phone 694-6751(Voice/TTY) or 539-7153.

D. Other Policies:

Any act of misuse, vandalism, malicious or unwarranted damage or destruction, defacing, disfiguring, or unauthorized use of property/equipment belonging to Pellissippi State is subject to disciplinary sanction.