Pellissippi State Technical Community College

Master Syllabus

Video Editing
VPT 1210 (formerly VPT 2100)

Class Hours: 3.0
Laboratory Hours: 3.0

Credit Hours: 4.0

Date Revised: Spring 02

NOTE: This course is not designed for transfer credit.

Catalog Course Description:

Applied editing theory utilizing linear and non-linear systems. Cuts only editing, A-B roll (computer assisted), basic sound and titling, S-VHS, ¾” , Betacam and Avid (non-linear).

Entry Level Standards:

Student must be familiar with basic PC operation.

Prerequisite:

VPT 1030

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


Student will be responsible for supplying own blank VHS and DV-CAM video tapes and computer disks.

I. Week/Unit/Topic Basis:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Review syllabus. The history, technology and techniques of video editing. Intro to the various systems we will be using for projects. Basic edit system layout. What are all these wires? Why do we still use tape?</td>
</tr>
<tr>
<td>2</td>
<td>The In-Sync Speed Razor interface and tutorials. Load footage and begin editing “The Bank Robbery” project. Some computer hardware basics.</td>
</tr>
<tr>
<td>3</td>
<td>The videotape editing bay. Divide into 3 or 4 groups. Start new projects on the Sony 3/4” system, the JVC S-VHS system and the Digital F/X Betacam system. Some video hardware stuff. Insert and Assemble editing. Timecode theory and use.</td>
</tr>
<tr>
<td>5</td>
<td>The offline editing process. Guest speaker or field trip. Proc amps and TBCs in tape based systems. Begin review of Bank Robbery projects and start revisions.</td>
</tr>
<tr>
<td>6</td>
<td>The online editing process. View and evaluate a film for style. Training continues on</td>
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</tbody>
</table>
tape based systems and projects. Waveforms and Vectorscopes.

Review for midterm. Individual training continues on linear systems.

Midterm Exam. Questions from Textbook, Cybercollege and lectures. Titling. Speed Razor, Video F/X and the Toaster all have graphics capabilities. Here are the basics.

Editing – continued

Audio post-production for video. Dealing with multiple track audio on non-linear and tape based systems. DAT transfer to Speed Razor.

Capturing DV footage in Speed Razor from tape. Editing.

Continuing editing
Possible field trip

Continuing editing

Continuing editing

Review for Final

Final Exam

II. Course Objectives*:

A. Develop the skills necessary to perform straight cut video edits on a basic video editing system, including editing one track audio. I, II, IV

B. Develop the skills necessary to create simple computer generated graphics. I, II, IV

C. Develop the skills necessary to operate computer based, random access, non-linear edit system. Includes multi-track audio mixing. I, II, IV

D. Discriminate between and employ various editing styles based on generally accepted standards and conventions. I, II, IV

E. Demonstrate the operation and functions of various video editing equipment, the interrelationships of the equipment, signal routing through and between equipment and the maintenance of signal quality. I, II, IV

*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, Active Learning Strategy

2. Use critical thinking skills to interpret, evaluate, and make informed judgements. Problem Solving and Decision Making Outcome

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

*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. Set up and operate a simple A roll edit system including completing all connections for audio and video signal routing. A, B
2. Evaluate signal quality and compensate and correct within the limits of the system. A, B
3. Operate a control track based A/B roll edit system with electronic edit controller, special effects generator, multi-track audio mixer and character generator. A, B
4. Demonstrate an understanding of audio and signal flow in a typical A/B editing system and methods of routing, mixing, importing and exporting various signals. A, B
5. Explain the difference between insert and assemble editing and the advantages of each. A, B
6. Explain the difference between control track and time-code based editing and when either approach would be the suitable choice. A, B
7. Operate a P. C. controlled, random access, non-linear, time-code based, digital video, A/B roll edit system. A, B
8. Develop organized manual and automated approaches to managing visual elements, i.e. usable takes, graphics and composites. A, B
9. Apply generally accepted conventions of "visual literacy" as commonly employed by the film and television industry. D
10. Demonstrate ability to manage and control continuity in an edited piece. D
11. Demonstrate ability to manage and control pacing and timing in an edited piece. D
12. Transfer selected scenes and shots from tape to the editing computers digital storage device. A, B
13. Transfer digitally edited scenes and Edit Decision List data from the computers digital storage device to an external storage device. A, B
14. Demonstrate Edit Decision List management skills by modification of the EDL and creating subsequent new online version of modified scene. A, B
15. Design and create simple textual graphics using a character generator and/or computer based graphics software program. A, B

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

**V. Evaluation:**

A. Testing Procedures: 30% of grade
Tests may also be used to measure the student's understanding of editing equipment and processes.

B. Laboratory Expectations: 70% of grade

The student's final grade will reflect his/her demonstrated ability to satisfy the central competencies outlined earlier in this syllabus. This will be accomplished by the completion of several in-class assignments utilizing the equipment already discussed. It is imperative for the student to understand that considerable time may be required outside of the scheduled class and lab time to fully develop the skills necessary for successful completion of this course.

C. Field Work:

N/A

D. Other Evaluation Methods:

N/A

E. Grading Scale:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90 - 100</td>
</tr>
<tr>
<td>B</td>
<td>80 - 89</td>
</tr>
<tr>
<td>C</td>
<td>70 - 79</td>
</tr>
<tr>
<td>D</td>
<td>60 - 69</td>
</tr>
<tr>
<td>F</td>
<td>0 - 59</td>
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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 starting 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 outline in the catalog.

C. 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.