PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE
MASTER SYLLABUS

VIDEO EDITING
VPT 1210

Class Hours: 4.0  Credit Hours: 4.0
Laboratory Hours: 0  Date Revised: Fall 08

Catalog Course Description:
The course is the second in a three-course sequence and is designed to increase student skills with Avid software, aesthetic theory, and application and practical use of linear and nonlinear editors.

Entry Level Standards:
Student must be able to read at the college level and 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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<tbody>
<tr>
<td>1</td>
<td>Review syllabus. What do I need for this class? 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>
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<tr>
<td>2</td>
<td>The Avid Express interface and tutorials. Some computer hardware basics. Load footage and begin editing “The Bank Robbery” project or other project(s) as assigned.</td>
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<tr>
<td>3</td>
<td>Videotape on editing. Preparing for post-production. Avid titling and sound manipulation. It’s more than buttons: exploring the techniques of parallel action and other proven conventions.</td>
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<tr>
<td>4</td>
<td>Tape based editing systems. 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 JVC/Betacam system. Some video hardware stuff. Insert and Assemble editing. Time code theory and use. How to stripe a tape for tape based editing and why.</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>
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</tbody>
</table>
The online editing process. View and evaluate a film for style. Training continues on 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. The amazing Newtek Video Toaster and how you can use it to create graphics for your Production Meeting project. Here are the basics.

Editing – continued

Audio post-production for video. Dealing with multiple track audio on non-linear and tape based systems.

Capturing DV footage in Avid Xpress from tape. Work on projects.

Continuing editing
Possible field trip

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 judgments. Active Learning Strategy

3. Apply established industry safety practices and procedures. Technological Literacy
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 expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of Learning, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Learning.

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.