

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

**ACADEMIC AFFAIRS**

Course Number: TPRD-150 Department: Digital Media Production

Course Title: Intro to Digital Video Editing Semester: F Year: 2006

<b>Course Objective</b>	<b>Competencies</b>
<p>1. To develop an understanding of editing digital video using state of the art computer based digital editing systems. To become competent in the use of a professional digital video editing computer application including interface layout and basic editing functions.</p>	<p>The student must be able to:</p> <ol style="list-style-type: none"><li>1. Properly open the application and save the file project to the appropriate folder.</li><li>2. To set the proper scratch disk prior to an edit session.</li><li>3. Change the sequence presets to the proper digital format.</li><li>4. Customize the preferences including window layout.</li><li>5. Understand the following window layouts: Browser, Viewer, Canvas, Timeline, Tool Palette, and Audio Meter.</li><li>6. Capture Audio and Video from a digital source using the Log and Capture Window.</li><li>7. Adjust the Timeline</li><li>8. Play a clip in the viewer.</li><li>9. Mark a clip</li><li>10. Prepare an edit.</li><li>11. Assemble a sequence in the timeline using the following types of edits: Insert, Overwrite, Fit to Fill, and Superimpose.</li><li>12. Add audio to the timeline.</li><li>13. Manipulate clips in the Timeline.</li><li>14. Edit in the Timeline</li><li>15. Edit a sound bite</li></ol>

Course Objective	Competencies
	<p>16.Delete clips and gaps            17.Trim a clip using razor and rippling tools</p> <p>18.Extend an edit in the Timeline            19.Trim to edit points            20.Use the slip, slide, and roll edit tool.            21.Utilize the Trim Edit Window.            22. Work with Master Clips, Subclips, and Markers.            23.Customize Browser Column and Interface.            24.Import and Export associated file types.            25.Reconnect offline media.            26. Work with audio including viewing waveforms, adjusting levels, and working with sync. 27.Mix audio using both the mixer and keyframes. 28.Apply transitions to both audio and video tracks. 29.Render transitions and saving them to the favorites folder. BO.Create a soundtrack. 31 .Apply audio, video, and Corrective filters. 32.Composite clips and animate using keyframes. 33.Change clip speed in both constant and variable motion. 34. Add text and graphics with generators and add motion effects.            35.Create an animated title.            36.Finish and output a project to tape and digital format.            37.Save a project correctly and quit the application.</p>

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