MTEC 70B: PRO TOOLS 110-AVID CERTIFICATION

Foothill College Course Outline of Record

<table>
<thead>
<tr>
<th>Heading</th>
<th>Value</th>
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<tbody>
<tr>
<td>Effective Term:</td>
<td>Summer 2021</td>
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<tr>
<td>Units:</td>
<td>4</td>
</tr>
<tr>
<td>Hours:</td>
<td>3 lecture, 3 laboratory per week (72 total per quarter)</td>
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<tr>
<td>Advisory:</td>
<td>Not open to students with credit in MUS 82B.</td>
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<tr>
<td>Degree &amp; Credit Status:</td>
<td>Degree-Applicable Credit Course</td>
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<tr>
<td>Foothill GE:</td>
<td>Non-GE</td>
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<tr>
<td>Transferable:</td>
<td>CSU</td>
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<tr>
<td>Grade Type:</td>
<td>Letter Grade (Request for Pass/No Pass)</td>
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<tr>
<td>Repeatability:</td>
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Description

Course Objectives
The student will be able to:
A. Complete the Pro Tools User Certification Exam.
B. Operate Pro Tools in a recording environment to Avid standards.
C. Explain the Pro Tools file system.
D. Operate Pro Tools with a control surface.

Course Content
A. Study and analysis of Avid 110 level approved curriculum.
1. Multitrack editing using assigned groups, both mix and edit.
2. Application of AAX plug-in effects via busses and aux inserts.
3. Advanced automation.
4. Instrument tracks and virtual instruments within the Pro Tools environment.

Lab Content
A. Track count
B. Elastic audio settings and rendering levels
C. Plug-in and bus considerations
D. Insert tracks and routing importing and exporting file types
E. Bit rate encoding
F. Bouncing audio to disk
G. Consolidating audio regions, etc.
H. Other items may include subjects such as number of plug-ins per insert track, bus assignments for efficient recording operation, and mastering compression settings

Special Facilities and/or Equipment
A. When taught on campus:
1. Classroom with 30 Pro Tools native systems.
2. 30 Apple iMacs.
3. Projection system for video and multimedia content.
B. When taught via Foothill Global Access:
1. On-going access to computer with email software and capabilities.
2. Email address.

Method(s) of Evaluation
Methods of Evaluation may include but are not limited to the following:

- Pro Tools User Certification Exam
- Hands on demonstration of Pro Tools techniques including keyboard commands and operation of a control surface in a recording environment
- Tests on mixing and mastering theory as presented in the Pro Tools 110 curriculum

Method(s) of Instruction
Methods of Instruction may include but are not limited to the following:

- Lecture presentations and classroom discussion of the techniques for producing audio in Pro Tools
- In-class viewing of Pro Tools sessions followed by instructor-guided interpretation and analysis
- Presentations of major music and post-production projects followed by in-class discussion and evaluation
- Demonstration of techniques for recording, editing, and mixing audio in Pro Tools

Representative Text(s) and Other Materials

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments
A. Written critiques and analyses of audio production projects including albums, soundtracks, television, video games and internet multimedia.
B. Written summaries documenting technical and artistic elements for corresponding submitted assignments and audio projects.
C. Written proposals, session logs, learning outcomes and reflections supporting submitted musical works and final master recordings.

Discipline(s)
Commercial Music