

AUDIO 218
DIGITAL AUDIO III

COURSE LEARNING OUTCOMES

1. Develop professionalism by meeting course expectations.
2. Develop time management skills and responsibility to meet project criteria and deadlines.
3. Develop critical listening ability to identify timing errors on rhythm section tracks.
4. Apply common editing tools to correct timing errors on rhythm section tracks.
5. Develop ability to rapidly and efficiently navigate through session with location markers and quick key shortcuts.
6. Develop critical listening ability to identify intonation errors on bass tracks.
7. Apply pitch correction software to correct intonation errors.
8. Create song arrangements and correct performance errors on tracks with "fly-in" editing.
9. Use Beat Detective editing software to analyze and correct performance errors on complex multi-track drum parts.
10. Set up a large multi-track session for mixdown.
11. Set up and use multi-band limiters during mixdown.
12. Perform plug-in automation during mixdown.
13. Explain concept of stem mixing and create stem mixes of multi track music sessions

COURSE OUTLINE

- I. Introductions
 - A. Expectations/ Responsibilities
 - B. Professionalism
 1. Work Ethic/ Attitude
 2. Meeting Client Expectations/ Quality Control
 - C. Know Your Limitations
 - D. Overcoming Obstacles
- II. Correcting Rhythmic Errors
 - A. Ear training: identify timing errors on rhythm section tracks
 - B. Editing techniques for correcting timing errors
 - C. Session navigation techniques
 - D. Track consolidation
- III. Intro to Pitch Correction Software
 - A. Ear training: Identify out of tune notes on bass tracks
 - B. Apply audio-suite plug-ins to correct pitch errors on bass tracks
- IV. "Fly-in" editing techniques
 - A. Song arrangements
 - B. Correct performance errors
- V. Multi Track Beat Detective Editing
 - A. Review of Beat Detective
 - B. Set up and use BD for multi track editing

- VI. More Mixing Techniques
 - A. Setting up a large session for mixing
 - B. EQ and compression
 - C. Multi-band limiting
 - D. Plug-In automation
 - E. Stem Mixing

WORKLOAD EXPECTATION STATEMENT

The average student will spend 44 hours in lecture and 22 hours in a supervised lab. The student is also expected to spend approximately 99 hours in independent lab work and studying written materials in preparation for class, lab, exams and other forms of student learning evaluation.