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| **(MUSC B32)** | | | | |
| **Student Learning Outcomes or AUO** | **Measure** | **PLO** | **ILO** | **GE** |
| 1. Recognize and describe the basic principles of digital sampling, analog, and digital sound. | Pre-test/Post-test | 1, 3 | I, II, III | N/A |
| 2. Understand and create sounds using various synthesis techniques. | Pre-test/Post-test | 1, 3 | II, III | N/A |
| 3. Create compositions and/or live performances using synthesis and/or MIDI. | Pre-test/Post-test | 1, 3 | II, III | N/A |
| 4. Recognize career opportunities for sound design and synthesis in entertainment industries. | Pre-test/Post-test | 2, 3 | II, III, IV | N/A |
| 5. Demonstrate understanding of histories of sound, synthesis, and technological developments. | Pre-test/Post-test | 1, 4 | II, III | N/A |
| **PLOs:**  **1.** The student will be able to identify and make use of pertinent components of audio recording systems, digital audio workstations, and other musical technologies affiliated with commercial music applications.  **2.** The student will demonstrate knowledge and application of key concepts in music business. Concepts include digital marketing, contracts, publishing, royalties, and booking.  **3.** The student will be able to identify and make use of relationships between audio hardware and software. Concepts include consoles, software synthesis, analog synthesis, microphone and microphone technique, signal processing, mixing, and mastering.  **4.** The student will demonstrate knowledge and familiarity with commercial music composition. Concepts include composing within genres and styles relevant to commercial music, creating production music and jingles, creating composition reel.  **ILOs:**   1. **Think critically and evaluate sources and information for validity and usefulness.** 2. **Communicate effectively in both written and oral forms.** 3. **Demonstrate competency in a field of knowledge or with job-related skills.** 4. **Engage productively in all levels of society – interpersonal, community, the state and nation, and the world.**   **GELOs:**  **Use the GE categories from the catalog if this is a GE course.**  **A-E** | | | | |