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| **(MUSC B33)** | | | | |
| **Student Learning Outcomes or AUO** | **Measure** | **PLO** | **ILO** | **GE** |
| 1. Operate and describe function of live sound systems including system signal flow and design, microphones, signal processing, and monitoring. | Pre-test/Post-test | 1, 3 | II, III | N/A |
| 2. Diagnose and troubleshoot common problems encountered in a live sound reinforcement environment. | Pre-test/Post-test | 1, 3 | I, III | N/A |
| 3. Understand the principles of room acoustics and how sound interacts with various room environments. | Pre-test/Post-test | 3 | I, III | N/A |
| 4. Mix live performances in a variety of genres. | Pre-test/Post-test | 1, 3, 4 | I, III | N/A |
| 5. Demonstrate understanding of career opportunities within larger fields of live sound and event production. | Pre-test/Post-test | 2, 4 | II, III, IV | 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** | | | | |