

Live Sound Certificate of Achievement - Active

Department: Broadcast Electronic Media Arts

Approval: December 2017

Effective Semester: Fall 2018

The Live Sound Certificate builds on the Foundations in Broadcast Electronic Media Arts Certificate with an emphasis in the sound reinforcement industry. This certificate provides students with a foundation in the application of live sound in various acoustic spaces. Students learn how to operate and troubleshoot live sound production equipment and are prepared for entry-level work doing live sound for theaters, nightclubs, concert halls, sporting events, conferences, conventions, presentations, and live sound distribution via broadcast, cable, wireless, mobile devices and emerging media.

Learning Outcomes

Upon completion of this program, students will be able to:

- Plan and execute the sound reinforcement set-up for vocals, acoustic and electronic instruments.
- Configure public address (PA) system for various sized spaces and audience numbers and demonstrate proper placement and distribution of speakers.
- Identify and troubleshoot acoustic requirements of various sized spaces.
- Utilize equalization techniques to remedy any problems with acoustics.
- Plan and configure multi-track recorder and video camera for live event recording.
- Display professionalism and effective application of workforce protocol and communication skills in the live sound industry .

This is the second in a series of stackable certificates. Students must earn a Certificate of Achievement in Foundations in Broadcast Electronic Media Arts before earning this certificate.

Students must complete at least 3 of the courses listed below at City College of San Francisco.

The minimum time for completion of this certificate is 2 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

Courses Required for the Certificate of Achievement in Live Sound

Course	Units
Required courses:	
BCST 124A - Pro Tools Editing Essentials	2.00
BCST 124B - ProTools Mixing with Plugins	2.00
BCST 125A - Beginning Sound Recording Studio	5.00
BCST 127B - Interconnected Audio Systems	1.00
BCST 128 - Sound Reinforcement	3.00
Total:	13.00
Choose 2 units from the following internship courses:	
BCST 160 - College Internship	1.00 - 2.00
BCST 165 - Industry Internship	1.00 - 2.00
Total:	2.00
Total:	15.00

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