

# Commercial Music: Live Sound Technician Certificate

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call 916.608.6510.

Total Units: 14-17.5

## First Year

### Semester 1

9 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*
<b>MUFHL 400</b> Music Theory and Musicianship I	4	MUFHL 321 (see note below)	F, S
<b>MUSM 306</b> Live Sound Reinforcement	3		F, S
<b>MUSM 334</b> Introduction to Musical Instrument Digital Interface (MIDI)	2		F, S

The music department recommends taking Mufhl 321 in the summer semester preceding the start of the certificate program. Please contact the department for further course sequencing.

### Semester 2

5-8.5 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*
<b>TA 422</b> Stage Lighting	3		F, S
<b>MUSM 356</b> Pro Tools 101, Introduction to Pro Tools	1.5	MUSM 334	F, S
<b>MUSM 498</b> <sup>Z</sup> Work Experience in Music Specializations	0.5-4		F, S

<sup>Z</sup> At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

## Notes

- This certificate is designed to train students in live sound reinforcement for preparation for employment as live sound technicians in concert halls, at music venues, theaters, houses of worship, music festivals and other locations where public address systems are utilized.

Upon completion of this program, the student will be able to:

- run a public address system for live performances in a variety of settings.
- design and build an onstage live sound set-up utilizing mixers, speakers, sub-woofers, monitors, microphones and amplifiers.
- diagnose and address problems with feedback, unwanted distortion, equipment buzzing and other extraneous sound to maximize amplification while minimizing noise.

## Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.