

# Audio Engineering Technology



An audio engineer (or a sound engineer) is a trained professional who works with the mechanics of recording, mixing, and reproducing sound.

Audio engineering technology deals specifically with the technical and mechanical aspects of music and sound.

The Associate in Applied Science (AAS) in Audio Engineering Technology program offers students hands-on study of audio engineering and related media fields. Students learn and apply the concepts and theories associated with music recording, live sound reinforcement, and sound design. The program is designed to give students foundational knowledge and experience essential in the field of audio production.

## **What Will I Learn?**

From mechanical and electrical design through theatre sound implementation, an Associate of Applied Science in Engineering Technology at Lee College will teach students how audio technology hardware works and why, as well as how to apply it in a variety of spaces.

[View Program Learning Outcomes](#)

## **"What Can I Do With This Course of Study?"**

With an advanced degree in Audio Engineering Technology, students can qualify for careers such as:

- Recording studio engineer
- Television audio engineer
- Gaming audio design engineer
- Automotive audio engineer
- Event venue sound engineer

## **AAS: Audio Engineering Technology**

**Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1427	Audio Engineering I	MSP1, SRT1, AET1
MUSC 1331	MIDI I	MSP1, AET1
MUSB 1305	Survey of the Music Business	MSP1, SRT1, AET1
MUSI 1181	Piano Class I	MSP1, AET1
ENGL 1301	English Composition I	

Students also pursuing the SRT1 certification should take MUSC 1405 Live Sound I during the Foundations phase. This course does not count toward the AAS.

**Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1323	Audio Electronics	SRT1, AET1
MUSC 2427	Audio Engineering II	MSP1, SRT1, AET1
MUSC 2355	MIDI II	MSP1, AET1
MUSI 1310	Recommended: American Music (or Music Appreciation)	MSP1, AET1
SPCH 1311	Recommended: Introduction to speech communication (or other SPCH)	

Students also pursuing the SRT1 certification should take MUSC 2403 Live Sound II during the Foundations phase. This course does not count toward the AAS.

**Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 2447	Audio Engineering III	AET1
RTVB 1321	TV Field Production	SRT1, AET1

MUSC 1335	Commercial Music Software	
GOVT 2305	Federal Government (or other social science)	
MATH 1332	Recommended: Contemporary Mathematics (or college algebra)	
MUAP XXXX	Applied Music Elective	AET1
MUSC 2448	Audio Engineering IV	AET1
MUSB 2350	Commercial Music Project	AET1
MUSC 2386	Internship: Recording Arts Technology/Technician	SRT1, AET1
MUSC 1396	Special Topics in Recording Arts Technology/Technician Or MUSC Elective	AET1

### **AET1: Certificate of Completion — Audio Engineering Technology**

**Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1427	Audio Engineering I	AET
MUSC 1331	MIDI I	AET
MUSB 1305	Survey of the Music Business	AET
MUSI 1181	Piano Class I	AET

**Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1323	Audio Electronics	AET
MUSC 2427	Audio Engineering II	AET
MUSC 2355	MIDI II	AET
MUSI 1310	Recommended: American Music (or Music Appreciation)	AET1

**Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
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MUSC 2447	Audio Engineering III	AET1
RTVB 1321	TV Field Production	AET1
MUAP XXXX	Applied Music Elective	AET1
MUSC 2448	Audio Engineering IV	AET1
MUSB 2350	Commercial Music Project	AET1
MUSC 2386	Internship: Recording Arts Technology / Technician	AET1
MUSC 1396	Special Topics in Recording Arts Technology / Technician Or MUSC Elective	AET1

### **MSP1: Certificate of Completion — Music Studio Production**

**Foundations: These are the courses students need in order to progress in their career/college pathway as they either provide a certificate or lay the groundwork for moving to the next set of courses.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1427	Audio Engineering I	MSP1
MUSC 1331	MIDI I	MSP1
MUSB 1305	Survey of the Music Business	MSP1
MUSI 1181	Piano Class I	MSP1

**Knowledge Building: These courses further the students' knowledge in the area of study and complete the certificate.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 2427	Audio Engineering II	MSP1
MUSC 2355	MIDI II	MSP1
MUSI 1310	Recommended: American Music (or Music Appreciation)	MSP1

### **SRT1: Certificate of Completion — Sound Reinforcement Technology**

**Foundations: These are the courses students need in order to progress in their career/college pathway as they either provide a certificate or lay the groundwork for moving to the next set of courses.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1427	Audio Engineering I	SRT1
MUSB 1305	Survey of the Music Business	SRT1
MUSC 1405	Live Sound 1	SRT1

**Knowledge Building: These courses further the students' knowledge in the area of study and complete the certificate.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
MUSC 1323	Audio Electronics	SRT1
MUSC 2427	Audio Engineering II	SRT1
MUCS 2403	Live Sound II	SRT1

**Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.**

<b>Course</b>	<b>Course Title</b>	<b>Counts Toward Certificate</b>
RTVB 1321	TV Field Production	SRT1
MUSC 2386	Internship: Recording Arts Technology / Technician	SRT1

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## **Contact Info**

Samuel Ortallono  
FT Faculty - Audio Recording  
[sortallono@lee.edu](mailto:sortallono@lee.edu)  
281.425.6551

[Contact an Advisor](#)