

Audio Engineering Technology



[Explore Catalog Search Courses](#)

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.

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.

| Course | Course Title | Counts Toward Certificate |
|---------------|------------------------------|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|--|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|-----------------------|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|---------------------------------|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|---|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|---------------------|----------------------------------|
|---------------|---------------------|----------------------------------|

| | | |
|-----------|--|------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|---------------------------------|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|---|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|---------------------------------|----------------------------------|
| 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.

| Course | Course Title | Counts Toward Certificate |
|---------------|----------------------|----------------------------------|
| 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.

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

[CAREERS IN AUDIO ENGINEERING](#)
[My Next Move](#)

■
[Live Chat](#)

Contact Info

Samuel Ortallono
FT Faculty - Audio Recording
sortallono@lee.edu
281.425.6551

[Contact an advisor/counselor](#)