

CERTIFICATE IN AUDIO RECORDING TECHNOLOGY

This one-year audio recording program provides instruction in the basics of how to engineer any kind of music, from hip-hop to classical to movie scenes. This certificate is intended to lead to employment in various professions such as audio engineer, sound designer, recording technician, and sound editor within the audio recording technology industry.

Learning Outcomes

Certificate of Achievement Level Student Learning Outcomes

Students completing the Audio Recording Technology Certificate of Achievement will:

1. Communicate effectively using proper vocabulary in written and verbal form to facilitate the technical and creative outcomes of a product.
2. Apply acoustic concepts and mathematical formulas to demonstrate understanding of wave theory, room acoustics, materials, and microphone and speaker placement.
3. Demonstrate understanding of the fundamental principles of audio through developing critical thinking, decision-making and problem solving skills by applying them to the studio, post-production and live sound environments.
4. Develop interpersonal skills, empathy, and respect for others by completing team projects in order to gain key skills expected of professionals in the field.
5. Demonstrate advanced computer competency by completing production assignments utilizing software-based production and editing systems.
6. Understand the technical, creative and interpersonal skills required by the entertainment industry through demonstrating thorough knowledge of digital audio workstations and all audio hardware as appropriate to each course.

Requirements

| Code | Title | Units |
|--------------------------|---|-------|
| Required courses: | | |
| REC 105 | Fundamentals of Audio Technology | 4 |
| REC 115 | Recording Studio Workshop I | 4 |
| REC 125 | Digital Audio Technology I | 3 |
| REC 135 | Live Sound Reinforcement | 4 |
| REC 145 | Critical Listening Skills for Engineers | 3 |
| REC 205 | Advanced Audio Technology | 4 |
| REC 215 | Recording Studio Workshop II | 4 |
| REC 225 | Digital Audio Technology II | 4 |
| REC 235 | Acoustics for Engineers | 3 |

| Code | Title | Units |
|--------------------|-------------------------------|-----------|
| REC 245 | Music Business/ Audio Careers | 3 |
| Total Units | | 36 |

Curriculum Map

1.5-Year Curriculum Map Example

This map represents one possible pathway through the program and is only for reference.

*It is highly recommended that you make an appointment (<https://www.citruscollege.edu/stdntsrvcounsel/Pages/ApptSchedule.aspx>) to create a customized education plan that fits your needs.

| Course | Title | Units |
|---|--|-----------|
| Fall Term 1 | | |
| REC 105 | Fundamentals of Audio Technology | 4 |
| REC 115 | Recording Studio Workshop I | 4 |
| REC 125 | Digital Audio Technology I | 3 |
| REC 135 | Live Sound Reinforcement | 4 |
| REC 145 | Critical Listening Skills for Engineers | 3 |
| Assumes completion of REC 100 + REC 103 + REC 140 | | |
| Units | | 18 |
| Winter Term 1 | | |
| SPCH 100 or SPCH 100H | Interpersonal Communication or Interpersonal Communication - Honors | 3 |
| Units | | 3 |
| Spring Term 1 | | |
| REC 205 | Advanced Audio Technology | 4 |
| REC 215 | Recording Studio Workshop II | 4 |
| REC 225 | Digital Audio Technology II | 4 |
| REC 235 | Acoustics for Engineers | 3 |
| REC 245 | Music Business/ Audio Careers | 3 |
| Units | | 18 |
| Total Units | | 39 |

Career Information

Career Opportunities

There are a variety of careers you can do with this major.

To explore more about this major, schedule an appointment (<https://www.citruscollege.edu/stdntsrvcounsel/Pages/ApptSchedule.aspx>) with a career counselor.