

# 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
<b>Required courses:</b>		
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
<b>Total Units</b>		<b>36</b>

## 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/stdntsrv/counsel/Pages/ApptSchedule.aspx>) to create a customized education plan that fits your needs.

First Year		
Fall Term 1		Units
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		
<b>Units</b>		<b>18</b>
Winter Term 1		
SPCH 100 or SPCH 100H	Interpersonal Communication or Interpersonal Communication - Honors	3
<b>Units</b>		<b>3</b>
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
<b>Units</b>		<b>18</b>
<b>Total Units</b>		<b>39</b>

## 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/stdntsrv/ctcenter/Pages/ApptSchedule.aspx>) with a career counselor.