

# Theatre Technology

## Associate of Science Degree

The Associate of Science degree in Theatre Technology is a "technician specific" program with extensive courses covering all aspects of technical theatre. The program allows students to design, train, and learn the various areas of theatre under the construct of live theatre productions. The program provides hands-on experience in Set Design and Construction, Sound Design and Audio Technology, Lighting Design and Theatrical Effects, and Theatrical Production and Stage Operations.

For more information, visit the [Theatre Technology \(https://www.ccm.edu/programs/theatre-technology/\)](https://www.ccm.edu/programs/theatre-technology/) website.

## Degrees

### A.S. Theatre Technology

(P2172)

#### General Education Foundation

COMMUNICATION		6
ENG-111	English Composition I	
ENG-112	English Composition II	
MATHEMATICS and SCIENCE		10
MAT-110	College Algebra	
CMP-135	Computer Concepts With Applications	
	Laboratory Science Elective (4 CR)	
SOCIAL SCIENCES		3
PSY-113	General Psychology	
HUMANITIES		3
MUS-185	Appreciation of Musical Theatre	
SOCIAL SCIENCE/HUMANITIES ELECTIVE		3
ENG-233	History of the Theatre I	
GENERAL EDUCATION ELECTIVES		6
DSN-110	History of Design	
MUS-143	World Music and Culture	
	or MUS-150 Jazz History and Styles	
	or MUS-114 American Music	
	or MUS-163 Rock History and Culture	
General Education Foundation Credits		31
<b>THEATRE TECHNOLOGY CORE</b>		
ART-122	Drawing I	3
DSN-115	Basic Drafting	3
ENR-117	Computer-Aided Drafting I	2
MUS-165	Introduction to Music Recording	3
MUS-167	Music Recording II	3
MUS-180	Microphone Techniques	2
MUS-259	Hard Disc Recording	2
MUS-251	Sound Reinforcement	3
MUS-149	Introduction to Technical Theatre	3
MUS-151	Introduction to Lighting Design	3
MUS-252	Internship in Theatre Technology	2

THEATRE TECHNOLOGY CORE Credits	29
<b>Total Credits</b>	<b>60</b>

## Faculty

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## Courses

### MUS-011. Basic Musicianship I. 0 Credits.

LECT 45 hrs

Requirement for Music Majors who do not pass the Music Theory I, MUS-117, placement exam. A pre-music theory course designed to develop reading skills through keyboard, sight-singing and ear-training. This course may not be used as a curriculum requirement for any major. Students must pass this course or an equivalent Music Theory placement exam to register for MUS-117 Theory I.

### MUS-109. Applied Music Secondary-Voice I. 1 Credit.

LECT 15 hrs LAB 30 hrs

This course is a four-semester sequence planned to develop vocal ability and emphasizes vocal techniques, diction and sight-reading.  
**Prerequisites:** Permission of department chair.

### MUS-110. Applied Music Secondary-Voice II. 1 Credit.

LECT 15 hrs LAB 30 hrs

This course is a four-semester sequence planned to develop vocal ability and emphasizes vocal techniques, diction and sight-reading.  
**Prerequisites:** MUS-109.

**MUS-112. Introduction to Electronic Music. 3 Credits.**

LECT 45 hrs

An exploration of the physical properties of sound, synthesizers, music recording, music arrangement, and the history of electronic music.

**Additional Fees:** Course fee applies.

**MUS-114. American Music. 3 Credits.**

LECT 45 hrs

A survey of American Roots music from the 19th century to the present. Early Anglo and African influences are presented followed by 20th century folk, gospel, Hispanic, various styles of country, bluegrass and related acoustic music, various styles of blues and jazz, Cajun and zydeco, early R&B, soul and the beginnings of rock and roll.

**MUS-117. Music Theory I. 3 Credits.**

LECT 30 hrs LAB 45 hrs

For Music Students only. This course is designed to stress the fundamentals of musicianship including the basic elements of sight-singing, ear-training, writing, playing, terminology and form analysis.

**Prerequisites:** MUS-011 or permission of department chair For Music Students Only

**Corequisites:** (MUS-125 or MUS-109) and MUS-135.

**MUS-118. Music Theory II. 3 Credits.**

LECT 30 hrs LAB 45 hrs

For Music Students only. This course is designed to stress the fundamentals of musicianship including the basic elements of sight-singing, ear-training, writing, playing, terminology and form analysis.

**Prerequisites:** MUS-117 For Music Students Only

**Corequisites:** (MUS-126 or MUS-110) and MUS-136.

**MUS-124. Electronic Music II. 3 Credits.**

LECT 45 hrs

This course is a continuation of Introduction to Electronic Music with increased application of sound systems and MIDI systems. Students produce recorded final projects.

**Prerequisites:** MUS-112

**Additional Fees:** Course fee applies.

**MUS-125. Applied Music Secondary-Piano I. 1 Credit.**

LECT 15 hrs LAB 30 hrs

This course is a four-semester sequence designed to develop keyboard facility and is required of all music emphasis students whose principal instrument is not piano.

**Prerequisites:** Music Majors Only. Permission of department chair

**Corequisites:** MUS-117 and MUS-135.

**MUS-126. Applied Music Secondary-Piano II. 1 Credit.**

LECT 15 hrs LAB 30 hrs

This course is a four-semester sequence designed to develop keyboard facility and is required of all music emphasis students whose principal instrument is not piano.

**Prerequisites:** MUS-125

**Corequisites:** MUS-118 and MUS-136.

**MUS-129. Music in Early Childhood. 3 Credits.**

LECT 45 hrs

A course offering students a wide variety of meaningful experiences which provide a foundation for musical growth and understanding of early childhood music. This is a hands-on course in which students must participate.

**MUS-135. Applied Music Primary I. 1 Credit.**

LECT 15 hrs

For Music emphasis students only. This course consists of one 50-minute private lesson per week (to be arranged) on student's primary instrument (or in voice). Students are expected to attend performance seminars and participate in public recitals. These courses are classical in emphasis.

**Corequisites:** (MUS-125 or MUS-109) and MUS-117

**Additional Fees:** Course fee applies.

**MUS-136. Applied Music Primary II. 1 Credit.**

LECT 15 hrs

This course consists of one 50-minute private lesson per week (to be arranged) on student's primary instrument (or in voice). Students are expected to attend performance seminars and participate in public recitals. These courses are classical in emphasis.

**Prerequisites:** MUS-135

**Corequisites:** (MUS-126 or MUS-110) and MUS-118

**Additional Fees:** Course fee applies.

**MUS-137. Applied Music Primary III. 1 Credit.**

LECT 15 hrs

This course consists of one 50-minute private lesson per week (to be arranged) on student's primary instrument (or in voice). Students are expected to attend performance seminars and participate in public recitals. These courses are classical in emphasis.

**Prerequisites:** MUS-136

**Corequisites:** (MUS-225 or MUS-209) and MUS-215

**Additional Fees:** Course fee applies.

**MUS-138. Applied Music Primary IV. 1 Credit.**

LECT 15 hrs

This course consists of one 50-minute private lesson per week (to be arranged) on student's primary instrument (or in voice). Students are expected to attend performance seminars and participate in public recitals. These courses are classical in emphasis.

**Prerequisites:** MUS-137 For Music Students Only

**Corequisites:** (MUS-226 or MUS-210) and MUS-216

**Additional Fees:** Course fee applies.

**MUS-139. Wind Ensemble I. 1 Credit.**

LAB 60 hrs

Includes group performance on all instruments with standard and new repertoire. Emphasis is on reading and musicianship. Prior knowledge of instrument is required.

**MUS-140. Wind Ensemble II. 1 Credit.**

LAB 60 hrs

Includes group performance on all instruments with standard and new repertoire. Emphasis is on reading and musicianship. Prior knowledge of instrument is required.

**MUS-141. Wind Ensemble III. 1 Credit.**

LAB 60 hrs

Includes group performance on all instruments with standard and new repertoire. Emphasis is on reading and musicianship. Prior knowledge of instrument is required.

**MUS-142. Wind Ensemble IV. 1 Credit.**

LAB 60 hrs

Includes group performance on all instruments with standard and new repertoire. Emphasis is on reading and musicianship. Prior knowledge of instrument is required.

**MUS-143. World Music and Culture. 3 Credits.**

LECT 45 hrs

A survey of world folk music including material from Asia, the Middle East, Africa, Europe, North and South America. Lectures and discussions are illustrated by recordings, DVDs and online resources. Students may be invited to contribute course subject matter by bringing personally favored music to be studied.

**MUS-145. Chamber Choir I. 1 Credit.**

LAB 60 hrs

Required of all students in Curriculum 1190 and 2006. Includes performance of selected sacred and secular vocal chamber music. Students must have advanced vocal and technical ability. Participation in concerts and other scheduled appearances is required. Memorization is required.

**Additional Fees:** Course fee applies.

**MUS-146. Chamber Choir II. 1 Credit.**

LAB 60 hrs

Required of all students in Curriculum 1190 and 2006. Includes performance of selected sacred and secular vocal chamber music. Students must have advanced vocal and technical ability. Participation in concerts and other scheduled appearances is required. Memorization is required.

**Additional Fees:** Course fee applies.

**MUS-147. Chamber Choir III. 1 Credit.**

LAB 60 hrs

Required of all students in Curriculum 1190 and 2006. Includes performance of selected sacred and secular vocal chamber music. Students must have advanced vocal and technical ability. Participation in concerts and other scheduled appearances is required. Memorization is required.

**Additional Fees:** Course fee applies.

**MUS-148. Chamber Choir IV. 1 Credit.**

LAB 60 hrs

Required of all students in Curriculum 1190 and 2006. Includes performance of selected sacred and secular vocal chamber music. Students must have advanced vocal and technical ability. Participation in concerts and other scheduled appearances is required. Memorization is required.

**Additional Fees:** Course fee applies.

**MUS-149. Introduction to Technical Theatre. 3 Credits.**

LECT 15 hrs LAB 30 hrs

In this course students will be introduced to all facets of western technical theatre practices. Through a series of lectures, practical exercises, and projects, along with field trips to professional scene shops and theaters, students will explore various production roles, fundamental terminology, and conventional processes including maintaining a theater and scene shop, construction of scenery, hanging and focusing lights, sound and light-board operation, scenic painting, and building and acquisition of costumes and props. Students will practice and apply these skills in the actual creative process while developing time-management skills in the process. Throughout the semester the student will log a minimum of 30 hours of shop and production time assisting a Theatre Program production.

**MUS-150. Jazz History and Styles. 3 Credits.**

LECT 45 hrs

This course is an examination of the styles and elements of this improvisational music from the 1860's to the present. This course focuses on the evolution of jazz from its roots in the blues and spirituals to the emergence of contemporary fusion and avant-garde styles.

**MUS-151. Introduction to Lighting Design. 3 Credits.**

LECT 15 hrs LAB 30 hrs

In this course students will explore the practicality & artistry of Lighting Design for the stage. Through a series of lectures, collaboration projects, and first-hand demonstrations, students will be able to explain and apply the properties and functions of Light while acquiring the knowledge and skillset to perform common duties of a theatrical electrician. This class also emphasizes critical thinking while analyzing scripts, synthesizing artistic and stylistic choices and their effects on the stage. Students will be challenged with a hands-on training approach; assisting with various light hangs and focuses, as well as learning how to program and operate an ETC Ion lighting console. Upon completion students will gain an overall working technical knowledge of electricity, the equipment and tools of the trade, and learn how to apply them to a final design. Throughout the semester the student will log a minimum of 30 hours of shop and production time assisting a Theatre Program production.

**MUS-152. Piano I. 1 Credit.**

LECT 15 hrs LAB 30 hrs

For non-music majors. Group lessons in the fundamentals of piano playing. This course includes the study of scales, arpeggios, and simple accompaniments. Keyboard experience is not required. Course is designed specifically for the non-music major.

**MUS-153. Piano II. 1 Credit.**

LECT 15 hrs LAB 30 hrs

For non-music majors. Group lessons in the fundamentals of piano playing. This course includes the study of scales, arpeggios, and simple accompaniments. Keyboard experience is not required. Course designed specifically for the non-music major.

**MUS-154. Piano III. 1 Credit.**

LECT 15 hrs LAB 30 hrs

For non-music majors. Group lessons in the fundamentals of piano playing. This course includes the study of scales, arpeggios and simple accompaniments. Keyboard experience is not required. Course designed specifically for the non-music major.

**MUS-155. Piano IV. 1 Credit.**

LECT 15 hrs LAB 30 hrs

For non-music majors. Group lessons in the fundamentals of piano playing. This course includes the study of scales, arpeggios and simple accompaniments. Keyboard experience is not required. Course designed specifically for the non-music major.

**MUS-159. Guitar I. 1 Credit.**

LECT 15 hrs LAB 30 hrs

Open to all students. Group guitar instruction in fundamental guitar techniques. Studies include plectrum and finger style, position reading, scales and chord construction. Course designed to accommodate non-guitar music students as well as non-music majors.

**MUS-160. Guitar II. 1 Credit.**

LECT 15 hrs LAB 30 hrs

Open to all students. Group guitar instruction in fundamental guitar techniques. Studies include plectrum and finger style, position reading, scales and chord construction. Course designed to accommodate non-guitar music students as well as non-music majors.

**MUS-163. Rock History and Culture. 3 Credits.**

LECT 45 hrs

This course traces the evolution of rock music from 1955 to the present and examines the cultural impact of the music form on contemporary society.

**MUS-165. Introduction to Music Recording. 3 Credits.**

LECT 45 hrs

An introduction to the commercial recording studio. Students explore the equipment and techniques used in the recording of various types of contemporary music. Topics include studio acoustics and design, sound and hearing, microphones and microphone technique, recording console and signal flow, analog and digital recording systems, and signal processing. Students receive hands-on experience on both analog and digital recording equipment during in-class demonstrations and workshops.

**Additional Fees:** Course fee applies.**MUS-166. Introduction to Music Business. 3 Credits.**

LECT 45 hrs

A general overview of all areas of music business including demo tape promotion, contracts, managers, copyright laws and publishing. Guest lecturers include prominent industry lawyers and agents. Project will include developing a professional press kit that will be presented to the artist at the end of the semester.

**MUS-167. Music Recording II. 3 Credits.**

LECT 45 hrs

A continuation of MUS-165 Introduction to Music Recording in which students explore more complex recording situations through individual student projects. Students receive hands-on experience in session set-up, miking, use of outboard signal processing, mixing and production.

**Prerequisites:** MUS-165**Corequisites:** MUS-180**Additional Fees:** Course fee applies.**MUS-176. Aural Comprehension I. 1 Credit.**

LECT 15 hrs LAB 30 hrs

An intensive aural experience designed to develop ear training skills through classroom activities and computer-based work stations.

**Additional Fees:** Course fee applies.**MUS-177. Aural Comprehension II. 1 Credit.**

LECT 15 hrs LAB 30 hrs

An intensive aural experience designed to develop ear training skills through classroom activities and computer-based work stations.

**Additional Fees:** Course fee applies.**MUS-180. Microphone Techniques. 2 Credits.**

LECT 15 hrs LAB 45 hrs

An in-depth study of the different techniques used for miking an array of instruments from woodwinds, brass and strings, to drums and electric instruments. Students study the design of dynamic and condenser microphones, special microphones used for certain instruments, sound comparison between different types of microphones and microphone placement on instruments.

**Prerequisites:** MUS-165**Corequisites:** MUS-167**Additional Fees:** Course fee applies.**MUS-182. Audio Production Techniques. 1 Credit.**

LECT 15 hrs

An examination of the production techniques used in the recording of contemporary and classic music. The course focuses on the development of critical listening skills, as well as the use of different recording and mixing techniques in an effort to enhance the overall production value of a recording. Students produce a sound-alike project in which they must emulate the sound of a preexisting recording.

**Prerequisites:** MUS-165, MUS-167, MUS-180**Additional Fees:** Course fee applies.**MUS-185. Appreciation of Musical Theatre. 3 Credits.**

LECT 45 hrs

The course charts the history of the American Musical from its roots in vaudeville and operetta to its flowering in the Golden Age of the 40s, 50s, up to the contemporary scene. Through the use of film clips, recordings, lectures and discussions, students will gain an understanding of an appreciation for one of American's greatest contributions to the arts.

**MUS-201. Jazz Ensemble I. 1 Credit.**

LAB 60 hrs

Designed to provide an opportunity for experienced instrumentalists to study and perform standard and current jazz literature. Prior knowledge of instrument is required.

**MUS-202. Jazz Ensemble II. 1 Credit.**

LAB 60 hrs

Designed to provide an opportunity for experienced instrumentalists to study and perform standard and current jazz literature. Prior knowledge of instrument is required.

**MUS-209. Applied Music Secondary-Voice III. 1 Credit.**

LECT 15 hrs LAB 30 hrs

A four-semester sequence planned to develop vocal ability. The course emphasizes vocal techniques, diction and sight-reading.

**Prerequisites:** MUS-110.**MUS-210. Applied Music Secondary-Voice IV. 1 Credit.**

LECT 15 hrs LAB 30 hrs

For Music students only. A four-semester sequence planned to develop vocal ability. This course emphasizes vocal techniques, diction and sight-reading.

**Prerequisites:** MUS-209 or permission of department chair.**MUS-214. Form and Analysis. 3 Credits.**

LECT 30 hrs LAB 45 hrs

A study of larger forms which have evolved throughout music history. Emphasis is placed on score reading of symphonies, large choral works, operas, chamber works and sonata repertoire.

**Prerequisites:** MUS-117, MUS-118, MUS-215, MUS-216.

**MUS-215. Music Theory III. 3 Credits.**

LECT 30 hrs LAB 45 hrs

For Music Students only. Designed to stress the fundamentals of musicianship including the basic elements of sight-singing, ear-training, writing, playing, terminology and form analysis. \*Note: Music Theory, Applied Music Primary and Applied Music Secondary (Piano or Voice) are co-requisite courses and in most cases should be taken together. Please refer to your Curriculum Check-sheet and consult with your Academic Advisor for specific program requirement

**Prerequisites:** MUS-118 For Music Students Only.**MUS-216. Music Theory IV. 3 Credits.**

LECT 30 hrs LAB 45 hrs

For Music Students only. Designed to stress the fundamentals of musicianship including the basic elements of sight-singing, ear-training, writing, playing, terminology and form analysis. \*Note: Music Theory, Applied Music Primary and Applied Music Secondary (Piano or Voice) are co-requisite courses and in most cases should be taken together. Please refer to your Curriculum Checksheet and consult with your Academic Advisor for specific program requirements.

**Prerequisites:** MUS-215 For Music Students Only.**MUS-217. Music History and Literature to 1750. 3 Credits.**

LECT 45 hrs

An in-depth study of music in Western civilization from ancient times through the Baroque period. Music from each period is discussed and analyzed.

**MUS-218. Music History and Literature From 1750. 3 Credits.**

LECT 45 hrs

A continuation of Music History and Literature from 1750. A study of music from the late Baroque through the Romantic period. Includes analysis of representative works.

**MUS-221. Chamber Ensemble I. 1 Credit.**

LAB 60 hrs

Designed to provide an opportunity for players of wind, string, percussion and keyboard instruments to study, rehearse and perform selected works from chamber music literature (consisting of two to 10 players per ensemble). Sessions must be arranged. Students must play a wind, percussion, string or keyboard instrument.

**MUS-222. Chamber Ensemble II. 1 Credit.**

LAB 60 hrs

Designed to provide an opportunity for players of wind, string, percussion and keyboard instruments to study, rehearse and perform selected works from chamber music literature (consisting of two to 10 players per ensemble). Sessions must be arranged. Students must play a wind, percussion, string or keyboard instrument.

**MUS-225. Applied Music Secondary-Piano III. 1 Credit.**

LECT 15 hrs LAB 30 hrs

A four-semester sequence designed to develop keyboard facility. Required of all music emphasis students whose principal instrument is not piano.

**Prerequisites:** MUS-126**Corequisites:** MUS-137 and MUS-215.**MUS-226. Applied Music Secondary - Piano IV. 1 Credit.**

LECT 15 hrs LAB 30 hrs

For Music Students only. A four-semester sequence designed to develop keyboard facility. Required of all music emphasis students whose principal instrument is not piano.

**Prerequisites:** MUS-225 - Music Majors Only**Corequisites:** MUS-216 and MUS-138.**MUS-227. Operetta and Music Theatre I. 1 Credit.**

LAB 60 hrs

A theatrical production is the final objective in the course. Students, through rehearsal and performance, have a chance to have practical experiences with their art, i.e., staging, conducting, lighting, singing and general production work.

**MUS-228. Operetta and Musical Theatre II. 1 Credit.**

LAB 60 hrs

A theatrical production is the final objective in the course. Students, through rehearsal and performance, have a chance to have practical experiences with their art, i.e., staging, conducting, lighting, singing and general production work.

**MUS-229. Operetta and Musical Theatre III. 1 Credit.**

LAB 60 hrs

A theatrical production is the final objective in the course. Students, through rehearsal and performance, have a chance to have practical experiences with their art, i.e., staging, conducting, lighting, singing and general production work.

**MUS-230. Operetta and Musical Theatre IV. 1 Credit.**

LAB 60 hrs

A theatrical production is the final objective in the course. Students, through rehearsal and performance, have a chance to have practical experiences with their art, i.e., staging, conducting, lighting, singing and general production work.

**MUS-233. Independent Study in Music. 1 Credit.**

LECT 15 hrs

For Music Students only. This course is designed to allow students who have a specialized interest or who are pursuing a topic at an advanced level to engage in rigorous individualized study. The study must be designed by the faculty member and student and must be approved by the department chair.

**Prerequisites:** Permission of department chair**Additional Fees:** Course fee applies.**MUS-234. Independent Study in Music. 3 Credits.**

LECT 45 hrs

For Music Students only. Independent Study in Music is designed to allow students who have a specialized interest or who are pursuing a topic at an advanced level to engage in rigorous individualized study. The study must be designed by the student and a faculty member and must be approved by the department chair.

**Prerequisites:** Permission of department chair**Additional Fees:** Course fee applies.**MUS-237. Cabaret Music Theatre. 1 Credit.**

LAB 60 hrs

This course in cabaret theatre considers the revue-type of theatrical production which has been popularized in productions in New York, Chicago, Los Angeles and on many college campuses throughout the country. A cabaret musical revue is the final project.

**MUS-238. Cabaret Music Theatre II. 1 Credit.**

LAB 60 hrs

This course in cabaret theatre considers the revue-type of theatrical production which has been popularized in productions in New York, Chicago, Los Angeles and on many college campuses throughout the country. A cabaret musical revue is the final project.

**MUS-243. Musical Theatre Auditions. 3 Credits.**

LECT 45 hrs

This course introduces the students to the preliminary work involved in the techniques of auditioning. The protocol of auditioning, including resume, agents, casting directors, scene reading and actual vocal selections, are covered in class.

**MUS-244. Independent Study in Electronic Music I. 1 Credit.**

LECT 15 hrs

This course is an exploration of analog synthesis techniques and devices designed to allow the student to pursue specialized topics to an advanced level. The study is project oriented.

**Prerequisites:** MUS-112, MUS-124**Additional Fees:** Course fee applies.**MUS-245. Independent Study in Electronic Music II. 1 Credit.**

LECT 15 hrs

This course is an exploration of the computer-based music workstation and digital technology designed to allow the student to pursue specialized topics to an advanced level. The study is project oriented.

**Prerequisites:** MUS-112, MUS-124, MUS-244**Additional Fees:** Course fee applies.**MUS-248. Enjoyment of Music. 3 Credits.**

LECT 45 hrs

Emphasis is placed on experiencing, discussing and realizing various musical styles throughout history to the present time. All music from the ancient to even today's most popular styles are covered, but with specific attention given to how to listen and appreciate each musical genre. Students may even be invited to contribute to the course content by bringing personally favored music to be studied.

**MUS-249. Practicum. 1 Credit.**

LECT 15 hrs

For Music Students only. Weekly lessons in a one-to-one or small group arrangement with a faculty member prepares the student in the techniques of professional music recording. Appropriate projects are assigned to help the individual student develop his or her recording skills in various situations and with various types of equipment. A three song professional EP and podcast will be produced and presented to the artist at the end of the semester.

**Prerequisites:** MUS-165, MUS-167, MUS-180, MUS-182, MUS-259**Additional Fees:** Course fee applies.**MUS-250. Internship in Music Recording. 1 Credit.**

LECT 15 hrs

For Music students only. This course assigns the student to experience the actual working conditions in an established music recording studio facility. With the cooperation of the facility director, appropriate work projects are assigned and the student judged on his or her level of knowledge, expertise and confidence in the various aspects of the music recording business.

**Prerequisites:** MUS-165, MUS-167, MUS-180, MUS-182, MUS-259**Additional Fees:** Course fee applies.**MUS-251. Sound Reinforcement. 3 Credits.**

LECT 45 hrs

Sound Reinforcement introduces students to the set-up and use of equipment for live sound events ranging from musical performances to musical theater. Students learn first-hand about sound system set up and operation. Sound Reinforcement provides students a well-rounded and practical audio education that prepares them for professional work in the audio industry.

**Prerequisites:** MUS-165.**MUS-252. Internship in Theatre Technology. 2 Credits.**

LECT 15 hrs COOP 90 hrs

Students will complete a professional internship in technical theatre during the summer between their first and second year. This course is offered to students contemplating a career in Theatre Technology. The student will receive guidance in resume writing, job-searching, website development, and other qualitative skills associated with a professional work environment. The candidate will be encouraged to seek out positions that cover either a broad range of skill-sets, or more focused work, depending on their particular interest(s). The Internship aims to offer students the opportunity to apply their knowledge in real-life environments through an industry placement for eight-weeks. It is expected that the skills developed will help them perform better and obtain future employment and/or acceptance to a baccalaureate program in technical theatre after graduation.

**Prerequisites:** Completion of their first year course work with a GPA of 2.5 or greater.**Additional Fees:** Course fee applies.**MUS-253. Independent Study in Music II. 1 Credit.**

LECT 15 hrs

For Music Emphasis students only. Independent Study in Music is designed to allow the student who has a specialized interest or who is pursuing a topic at an advanced level to engage in rigorous individualized study. The study plan must be designed by the student and a faculty member and must be approved by the department chair.

**Prerequisites:** Permission of department chair**Additional Fees:** Course fee applies.**MUS-254. Independent Study in Music III. 1 Credit.**

LECT 15 hrs

For Music Emphasis students only. Independent Study in Music is designed to allow the student who has a specialized interest or who is pursuing a topic at an advanced level to engage in rigorous individualized study. The study plan must be designed by the student and a faculty member and must be approved by the department chair.

**Prerequisites:** Permission of department chair**Additional Fees:** Course fee applies.**MUS-255. Independent Study in Music IV. 1 Credit.**

LECT 15 hrs

For Music Emphasis students only. Independent Study in Music is designed to allow the student who has a specialized interest or who is pursuing a topic at an advanced level to engage in rigorous individualized study. The study plan must be designed by the student and a faculty member and must be approved by the department chair.

**Prerequisites:** Permission of department chair**Additional Fees:** Course fee applies.

**MUS-258. Contemporary Music: 20th-21st Century. 3 Credits.**

LECT 45 hrs

A study of the musical trends, idioms, styles and aesthetics of the Classical Music, Jazz, Rock, Latin Music, and Film Music of the 20th and 21st centuries. In addition to the study of the literature, students will be broadly educated on the fundamental elements of music including melody, harmony, counterpoint, musical forms, texture and orchestration. Students may be invited to contribute subject matter by bringing personally favored music of the 20th and 21st centuries to be studied, analyzed and discussed.

**MUS-259. Hard Disc Recording. 2 Credits.**

LECT 15 hrs LAB 45 hrs

Students learn about the operation and application of AVID Pro Tools hard disk recording and editing software. Topics include signal flow and routing, editing, fades and cross fades, digital signal processing, mixing, and automation.

**Prerequisites:** MUS-165, MUS-167 and MUS-180 or MUS-165, MUS-112 and MUS-124

**Additional Fees:** Course fee applies.

**MUS-291. Special Topics in Music. 3 Credits.**

LECT 45 hrs

A broad-based review of musical topics ranging from a continuation of sight singing, ear training and keyboard harmony to technology-based courses such as Live Sound, and Music for Film.

**Prerequisites:** Permission of department chair.

**MUS-292. Special Topics in Music. 3 Credits.**

LECT 45 hrs

A broad-based review of musical topics ranging from a continuation of sight singing, ear training and keyboard harmony to technology-based courses such as Live Sound, and Music for Film.

**Prerequisites:** Permission of department chair.