Locally Developed Courses

Audio

For the 2023-2024 School Year

Introduction to the Audio Course Sequence

Subject: Fine Arts - Discipline: Art

Audio 15-25-35 provides students with an opportunity to develop a theoretical and practical understanding of the fundamentals of sound engineering theory and its practice in the audio production industry. In Audio 15-25-35, students examine how audio production is the cornerstone of an important art form and industry. This course sequence uniquely engages students interested in creative expression through audio production. Throughout Audio 15-25-35, students develop the competencies of creativity and innovation, critical thinking and communication through the exploration of sound and audio technology. As well, students' problem-solving skills are enhanced as they engage in the artistic and technical control of sound in the field of audio production.

Student Need

Audio 15-25-35 provides students with an opportunity to explore the dynamic and evolving field of audio production. In this course sequence, students use sound engineering tools and processes and audio production technology to support their artistic goals. The emphasis of Audio 15-25-35 is on the development of a repertoire of skills that students can apply in real-life situations. Students acquire audio recording techniques, post-production mixing skills and the ability to connect these techniques and skills to milestones in the history of popular music.

Audio 15-25-35 provides opportunities for students to explore possible career interests and pathways that could capitalize on their knowledge, skills and abilities in artistic expression. Even students who are not ultimately looking to pursue careers directly related to audio production will benefit, as they acquire a deeper understanding of how their habits as consumers connect with this important cultural industry.

Courses in the Audio Course Sequence

Audio 15 (LDC1471)

Audio 15 provides students with the opportunity to develop a basic understanding of the fundamentals of sound engineering theory and its practice in the audio production industry. In this course, students explore basic audio production techniques to create simple sonic compositions. By examining various roles and industry practices, students consider how the audio production industry is organized, in terms of roles and practices, as well as how economic factors impact choices in audio production. In Audio 15, students explore audio production in various historical and contemporary contexts in order to better understand the tools, processes and techniques that are used. Career pathways associated with audio production are explored.

> The facility should provide the physical resources to accommodate all the goals of the curriculum. There is a need for an audio lab, which is a computer lab configured with specialized audio software and multimedia headsets.

Prerequisites: None

Versions Available: (Each version must be locally approved by Board Motion prior to offering to students.)

Credit Level	First School Year	Last School Year
3	2023-2024	2026-2027
5	2023-2024	2026-2027

Audio 25 (LDC2471)

Audio 25 provides students with the opportunity to further develop their understanding of sound engineering theory and its practice in the audio production industry. In this course, students apply a variety of audio production techniques to create sonic compositions. As students deepen their understanding of techniques, tools and processes used in audio production, they are encouraged to explore various solutions to creative problems. In Audio 25, the interplay between audio production and the music industry is examined. Career pathways associated with audio production are examined and analyzed.

> The facility should provide the physical resources to accommodate all the goals of the curriculum. There is a need for an audio lab, which is a computer lab configured with specialized audio software and multimedia headsets.

Prerequisites:

- All of the following:
  - Audio 15 (LDC1471)

Versions Available: (Each version must be locally approved by Board Motion prior to offering to students.)

Credit Level	First School Year	Last School Year
3	2023-2024	2026-2027
5	2023-2024	2026-2027

Audio 35 (LDC3471)

Audio 35 provides students with the opportunity to apply their understanding of sound engineering theory and its practice in the audio production industry to their own creative process. In this course, students use a range of audio production techniques to create complex sonic compositions. Students apply their understanding of audio production techniques, tools and processes to formulate unique solutions to creative problems and achieve their artistic goals. In Audio 35, the evolution of audio production is analyzed. Students will consider how audio production studies have aided in the development of transferable skills and how potential audio production career pathways relate to their future career aspirations.

> The facility should provide the physical resources to accommodate all the goals of the curriculum. There is a need for an audio lab, which is a computer lab configured with specialized audio software and multimedia headsets.

Prerequisites:

- All of the following:
  - Audio 25 (LDC2471)

Versions Available: (Each version must be locally approved by Board Motion prior to offering to students.)

Credit Level	First School Year	Last School Year
3	2023-2024	2026-2027
5	2023-2024	2026-2027

Curriculum Outline

Curriculum Elements		Audio 15-3	Audio 15-5	Audio 25-3	Audio 25-5	Audio 35-3	Audio 35-5
1	**Topic** Applying tools, processes, techniques and an understanding of elements of sound supports effective communication and creative expression.	✓	✓	✓	✓	✓	✓
1.1	**General Outcome** How can basic sound engineering tools and processes be used to support production quality and artistic goals?	✓	✓				
1.1.1	**Specific Outcome** describe and apply basic sound engineering tools and processes to support production quality.	✓	✓				
1.1.2	**Specific Outcome** apply basic sound engineering tools and processes to support artistic goals.	✓	✓				
1.1.3	**Specific Outcome** reflect on the effectiveness of their use of basic sound engineering tools and processes in supporting artistic goals.	✓	✓				
1.2	**General Outcome** How can audio production techniques be used in the creation of sonic compositions?	✓	✓				
1.2.1	**Specific Outcome** apply basic audio production techniques to create simple sonic compositions.	✓	✓				
1.3	**General Outcome** How can an understanding of elements of sound aid in audio production?	✓	✓				
1.3.1	**Specific Outcome** identify and describe terminology and concepts related to elements of sound.	✓	✓				
1.3.2	**Specific Outcome** describe elements of sound in various audio productions.	✓	✓				
1.4	**General Outcome** In what ways is there a relationship between physical properties of sound and audio production equipment?		✓				
1.4.1	**Specific Outcome** describe the relationship between physical properties of sound and audio production equipment.		✓				
1.5	**General Outcome** How can a variety of sound engineering tools and processes be used to support production quality and artistic goals?			✓	✓		
1.5.1	**Specific Outcome** apply a variety of sound engineering tools and processes to support production quality.			✓	✓		

Curriculum Elements		Audio 15-3	Audio 15-5	Audio 25-3	Audio 25-5	Audio 35-3	Audio 35-5
1.5.2	**Specific Outcome** apply a variety of sound engineering tools and processes to support artistic goals.			✓	✓		
1.5.3	**Specific Outcome** reflect on the effectiveness of their use of a variety of sound engineering tools and processes in supporting artistic goals.			✓	✓		
1.6	**General Outcome** How can various audio production techniques work together in sonic compositions?			✓	✓		
1.6.1	**Specific Outcome** apply a variety of audio production techniques to create sonic compositions.			✓	✓		
1.7	**General Outcome** How can an exploration of elements of sound aid in understanding their role in audio production?			✓	✓		
1.7.1	**Specific Outcome** experiment with elements of sound for effect.			✓	✓		
1.7.2	**Specific Outcome** compare elements of sound in a variety of audio productions.			✓	✓		
1.8	**General Outcome** How can the relationship between physical properties of sound and audio production equipment be experimented with for effect?				✓		
1.8.1	**Specific Outcome** experiment with the relationship between physical properties of sound and audio production equipment.				✓		
1.9	**General Outcome** How can a range of sound engineering tools and processes be used to enhance production quality and support artistic goals?					✓	✓
1.9.1	**Specific Outcome** apply a range of sound engineering tools and processes to enhance production quality.					✓	✓
1.9.2	**Specific Outcome** utilize a range of sound engineering tools and processes to support artistic goals.					✓	✓
1.9.3	**Specific Outcome** reflect on the effectiveness of their use of a range of sound engineering tools and processes in supporting artistic goals.					✓	✓
1.10	**General Outcome** How can audio production techniques enhance sonic compositions?					✓	✓

Curriculum Elements		Audio 15-3	Audio 15-5	Audio 25-3	Audio 25-5	Audio 35-3	Audio 35-5
1.10.1	**Specific Outcome** apply a range of audio production techniques to create complex sonic compositions.					✓	✓
1.11	**General Outcome** How can elements of sound be utilized and critiqued in audio productions to support a creative vision?					✓	✓
1.11.1	**Specific Outcome** manipulate and combine elements of sound to achieve a creative vision.					✓	✓
1.11.2	**Specific Outcome** critique the use of sound elements in a variety of audio productions.					✓	✓
1.12	**General Outcome** How can understanding the relationship between physical properties of sound and audio production equipment aid in achieving a creative vision?						✓
1.12.1	**Specific Outcome** apply their understanding of the relationship between physical properties of sound and audio production equipment to achieve a creative vision.						✓
2	**Topic** Investigating the roles, economic practices and ethics within the audio production industry helps to develop professionalism and guide choices.	✓	✓	✓	✓	✓	✓
2.1	**General Outcome** How is the audio production industry organized in terms of roles and practices?	✓	✓				
2.1.1	**Specific Outcome** describe various professional audio production roles and professional industry practices.	✓	✓				
2.2	**General Outcome** How do economic factors play a role in the audio production industry?	✓	✓				
2.2.1	**Specific Outcome** describe the types of revenues and expenditures involved in audio production.	✓	✓				
2.3	**General Outcome** How can ethical practices be used in audio production?	✓	✓				
2.3.1	**Specific Outcome** describe intellectual property and apply this understanding in audio production.	✓	✓				
2.4	**General Outcome** How do audio production roles relate to industry practices?			✓	✓		
2.4.1	**Specific Outcome** explain a variety of professional audio production roles and professional industry practices.			✓	✓		

Curriculum Elements		Audio 15-3	Audio 15-5	Audio 25-3	Audio 25-5	Audio 35-3	Audio 35-5
2.5	**General Outcome** In what ways can economics impact audio production industry practices?			✓	✓		
2.5.1	**Specific Outcome** analyze the impact of a range of economic practices on the audio production industry.			✓	✓		
2.6	**General Outcome** In what ways do ethical considerations play a role in audio production?			✓	✓		
2.6.1	**Specific Outcome** explain intellectual property and apply this understanding in audio production.			✓	✓		
2.7	**General Outcome** Why is it important to consider the relationship between audio production roles and industry practices?					✓	✓
2.7.1	**Specific Outcome** analyze a variety of professional audio production roles and professional industry practices.					✓	✓
2.8	**General Outcome** How can an understanding of economic practices in the audio production industry help in career planning?					✓	✓
2.8.1	**Specific Outcome** develop a career plan based on an analysis of economic practices in the audio production industry.					✓	✓
2.9	**General Outcome** Why is it important to employ ethical practices in audio production?					✓	✓
2.9.1	**Specific Outcome** apply ethical use of intellectual property in audio production.					✓	✓
3	**Topic** Examining audio production and technology from the past and present develops an understanding of their influence on creative decision-making and cultural trends.		✓		✓		✓
3.1	**General Outcome** In what ways has audio production and technology evolved over time?		✓				
3.1.1	**Specific Outcome** describe types of audio production in contemporary popular music.		✓				
3.1.2	**Specific Outcome** describe types of audio production and technology used in historical and contemporary contexts.		✓				

Curriculum Elements		Audio 15-3	Audio 15-5	Audio 25-3	Audio 25-5	Audio 35-3	Audio 35-5
3.2	**General Outcome** In what ways does audio production and technology influence music in contemporary contexts?				✓		
3.2.1	**Specific Outcome** describe how trends in contemporary popular music have been influenced by audio production technology.				✓		
3.2.2	**Specific Outcome** explain the influence of audio production on the music industry in contemporary contexts.				✓		
3.3	**General Outcome** How have audio production and the music industry influenced each other?						✓
3.3.1	**Specific Outcome** analyze the role of audio production in the development of musical genres.						✓
3.3.2	**Specific Outcome** relate contemporary and historical contexts of audio production to contemporary and/or future audio production.						✓
4	**Topic** Exploring career pathways promotes personal growth and lifelong learning.	✓	✓	✓	✓	✓	✓
4.1	**General Outcome** How can the study of audio production foster career opportunities and skill development?	✓	✓				
4.1.1	**Specific Outcome** describe potential career pathways associated with audio production.	✓	✓				
4.1.2	**Specific Outcome** describe transferable skills they have developed through the study of audio production.		✓				
4.2	**General Outcome** How can skills developed in audio production be applied in a variety of careers?			✓	✓		
4.2.1	**Specific Outcome** analyze potential career pathways associated with audio production.			✓	✓		
4.2.2	**Specific Outcome** relate transferable skills developed through audio production studies to career pathways.				✓		
4.3	**General Outcome** How can a reflective and analytical process be applied to career planning?					✓	✓
4.3.1	**Specific Outcome** relate potential audio production career pathways to future career plans.					✓	✓

Curriculum Elements		Audio 15-3	Audio 15-5	Audio 25-3	Audio 25-5	Audio 35-3	Audio 35-5
4.3.2	**Specific Outcome** reflect on how transferable skills developed through audio production studies may benefit them in future professional endeavours.						✓

Statement of Overlap with Existing Programs

Similar / Overlapping Courses	Description of Similarity / Overlap - Rationale
Audio/Video	Minor aspects of audio production are covered in this CTS audio/video course.
	This audio/video course does cover some minor aspects of audio production, but the emphasis of Audio 15-25-35 is on integrating digital audio recording with production for broadcast and other media formats, which goes well beyond the scope of this CTS course. Audio 15-25-35 is not focused on the workings of audio technology—it explores the application of audio technology to allow for creative expression through a variety of media.
AV Preproduction 1	Minor aspects of audio production are covered in this CTS audio/video course.
	This audio/video course does cover some minor aspects of audio production, but the emphasis of Audio 15-25-35 is on integrating digital audio recording with production for broadcast and other media formats, which goes well beyond the scope of this CTS course.
AV Preproduction 2	Minor aspects of audio production are covered in this CTS audio/video course.
	This audio/video course does cover some minor aspects of audio production, but the emphasis of Audio 15-25-35 is on integrating digital audio recording with production for broadcast and other media formats, which goes well beyond the scope of this CTS course.
AV Production 1	Minor aspects of audio production are covered in this CTS audio/video course.
	This audio/video course does cover some minor aspects of audio production, but the emphasis of Audio 15-25-35 is on integrating digital audio recording with production for broadcast and other media formats, which goes well beyond the scope of this CTS course.
AV Production 2	Minor aspects of audio production are covered in this CTS audio/video course.
	This audio/video course does cover some minor aspects of audio production, but the emphasis of Audio 15-25-35 is on integrating digital audio recording with production for broadcast and other media formats, which goes well beyond the scope of this CTS course.