

Wyoming Department of Education Required Virtual Education Course Syllabus

Niobrara County School District # 1

Program Name	Wyoming Virtual Academy	Content Area	VE
Course ID	D-TCH-026V1-K	Grade Level	9-12
Course Name	Audio Engineering	# of Credits	0.5
SCED Code	11099G0.501 1	Curriculum Type	K12 Inc

COURSE DESCRIPTION

Typically a 9-week course. In this introductory course, students learn about the physics of sound and the history of recording technologies. They learn about the four stages of professional music recording projects: recording, editing, mixing, and mastering. Using Audacity, an open-source recording and mixing program, they practice the techniques used by sound engineers to produce multi-track recordings. Through a series of engaging hands-on projects, they learn the fundamental concepts of audio engineering.

WYOMING CONTENT AND PERFORMANCE STANDARDS

STANDARD#	BENCHMARK (Standard/Indicator) Use the Standards and Benchmarks as Spreadsheets
CV12.2.1	College and career-ready students communicate clearly, effectively, and with reason.
CV12.2.2	College and career-ready students identify and model integrity, ethical leadership and effective management skills.
CV12.2.4	College and career-ready students apply safe, legal, and responsible use of information and technology as appropriate to the task.
CV12.3.1	College and career-ready students identify and define authentic problems and significant questions for investigation.
CV12.3.2	College and career-ready students identify trends, forecast possibilities, and explore complex systems and issues.
CV12.3.3	College and career-ready students employ valid and reliable research strategies and apply prior knowledge to solve a problem or complete a project.
CV12.3.4	College and career-ready students demonstrate creativity and innovation while considering the environmental, social, and economic impacts of decisions.
CV12.4.1	College and career-ready students produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (*CCSS W.11.4)
CV12.4.2	College and career-ready students determine the meaning of symbols, key terms, and other content-specific words and phrases as they are used in technical context. (*Adapted from CCSS RL.9.11)
CV12.4.3	College and career-ready students acquire, manipulate, analyze, diagnose, and/or report information, using the appropriate technology.
CV12.4.4	College and career-ready students precisely follow a complex multistep procedure when performing technical tasks. (*Adapted from CCSS RL.9.3)
CV12.5.1	College and career-ready students manage resources to develop, analyze, and implement systems and applications.

CV12.5.2	College and career-ready students productively complete tasks taking constraints, priorities and resources into account.
CV12.5.3	College and career-ready students safely and ethically use current industry-standard tools and emerging technologies.
CV12.5.4	College and career-ready students utilize technology to develop innovative solutions or products.
HS-PS4-2	Evaluate the advantages and disadvantages of using digital transmission and storage of information.
HS-PS4-5	Communicate technical information about how some technological devices use the principles of wave behavior and wave interactions with matter to transmit and capture information and energy.

SCOPE AND SEQUENCE

UNIT OUTLINE	STANDARD#	OUTCOMES OBJECTIVES/STUDENT CENTERED GOALS
Unit 1: Course Overview 1.01 Start the Course	0	Identify computer requirements. Recognize different operating systems. Demonstrate how to switch between windows.
Unit 1: Course Overview 1.02 Set Up Your Computer	0	Organize files and folders on a computer. Set up a computer to show the List folder view and filename extensions. Make a course folder.
Unit 1: Course Overview 1.03 Set Up a Browser	0	Demonstrate how to set up a Web browser. Recognize reasons for zipping and unzipping files and folders.
Unit 1: Course Overview 1.04 Download Resources and Zip Assignments	0	0
Unit 2: Understanding Sound 2.01 Sound 2.08 Study Questions: Understanding Sound	CV12.2.1, 12.2, 3.1, 3.2, 3.3, 3.4, 4.2	Define audio engineering. Describe the source of sound. Identify the three main parts of a speaker. Describe the function of headphones. Identify the decision points to judge whether the headphones are too loud. Identify the steps involved in testing sound system of a computer. Describe sound waves. Identify the different parts of an audio waveform.

		Identify the difference between loudness and volume.
Unit 2: Understanding Sound 2.02 Make Waveforms	0	<p>Describe how amplitude is measured.</p> <p>Identify the unit used for measuring sound level pressure, or amplitude.</p> <p>Identify sine wave tones.</p> <p>Describe the function of the Audacity software.</p> <p>Identify the steps involved in opening the Audacity software in a computer.</p> <p>Identify the steps involved in generating a sine wave tone using the Audacity software.</p> <p>Identify the steps involved in playing the sine wave tone using the Control toolbar in the Audacity software.</p> <p>Identify the steps to use the Undo and Redo commands in the Audacity software.</p> <p>Identify the steps involved in generating different types of simple waveforms using the Audacity software.</p> <p>Identify the steps to use the Zoom tool in the Audacity software.</p> <p>Identify the steps to close the Audacity software.</p>
Unit 2: Understanding Sound 2.03 Manipulate Waves	0	<p>Describe multiple sound waves.</p> <p>Identify the phase of a waveform.</p> <p>Identify the steps involved in generating a sine wave tone using the Audacity software.</p> <p>Describe audio tracks as a part of the Audacity project.</p> <p>Describe the duplicate command in the Audacity software.</p> <p>Define the in-phase waves.</p> <p>Identify the steps involved in making a duplicate of the sine wave tone track using the Audacity software.</p>

		<p>Identify the steps involved in making inverted phase waves using the Audacity software.</p> <p>Describe the Time Shift Tool in the Audacity software.</p> <p>Describe Phase shifting and how it is done using the Audacity software.</p> <p>Identify partial phase angle waves.</p> <p>Identify the steps involved in generating partial phase angle waves using the Audacity software.</p> <p>Identify the steps involved in saving a project file in the Audacity software.</p> <p>Identify the steps to make a duplicate of the sine wave tone track.</p>
<p>Unit 2: Understanding Sound 2.04 Frequency</p>	<p>0</p>	<p>Define frequency and pitch.</p> <p>Identify the steps involved in generating tones at specific frequencies and octaves using the Audacity software.</p> <p>Define musical notes.</p> <p>Identify octave frequencies.</p> <p>Identify the steps to play a looping sound file in the Audacity software.</p> <p>Identify the purpose of mute button in the Audacity software.</p> <p>Identify the purpose of solo button in the Audacity software.</p> <p>Identify the steps to use the Mute and Solo commands in the Audacity software.</p> <p>Identify the steps involved in saving a project file in the Audacity software.</p> <p>Define simple and complex waveforms.</p> <p>Define harmonics.</p> <p>Identify the partial of a fundamental tone frequency.</p>

Unit 2: Understanding Sound 2.05 Clean Up Audio	0	<p>Define the term noise in the context of audio engineering.</p> <p>Identify noise colors.</p> <p>Identify the steps to generate noise using the Audacity software.</p> <p>Identify the steps to remove noise from an audio file using Selection Tool in the Audacity software.</p> <p>Describe noise reduction.</p> <p>Identify the steps involved in saving a project file in the Audacity software.</p>
Unit 2: Understanding Sound 2.06 Health and Safety	0	<p>Define the health and safety measures for audio engineers.</p> <p>Identify the parts of the ear and describe their function in hearing.</p> <p>Identify the three sound thresholds for the human ear.</p> <p>Identify the three types of sound-related hearing loss.</p> <p>Identify protective gear for hearing.</p> <p>Define ergonomics.</p> <p>Define repetitive strain injury.</p> <p>Identify the methods for improving the ergonomics of a workspace.</p>
Unit 2: Understanding Sound 2.07 Unit Review: Understanding Sound	0	0
Unit 2: Understanding Sound 2.09 Quiz: Understanding Sound	CV12.4.2	0
Unit 2: Understanding Sound 2.10 Assignment 1: Understanding Sound	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 2: Understanding Sound 2.10 Assignment 1: Understanding Sound (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 2: Understanding Sound 2.10 Assignment 1: Understanding Sound (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0

Unit 2: Understanding Sound 2.10 Assignment 1: Understanding Sound (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 2: Understanding Sound 2.11 Assignment 2: Understanding Sound	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 2: Understanding Sound 2.11 Assignment 2: Understanding Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 2: Understanding Sound 2.11 Assignment 2: Understanding Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 2: Understanding Sound 2.11 Assignment 2: Understanding Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.01 Analog Recording Technology 3.08 Study Questions: Recording Audio	CV12.2.1, CV12.4.2, HS-PS4- 2, HS-PS4-5	Define analog audio. Describe the history of audio recording technology. Describe the features of Edison's phonograph Identify the different parts of the record player.
Unit 3: Recording Audio 3.02 Digital Recording Technology	0	Define digital audio. Differentiate between Compact Disc and MiniDisc. Describe the different digital audio recording systems. Identify the different devices used for digital recording, storing, editing, and playing audio. Differentiate between flash memory and hard drive memory. Describe flash memory handheld recorders. Describe digital recording technology.

		<p>Differentiate between analog and digital recording technology.</p> <p>Identify the advantages of digital audio recording technology.</p>
Unit 3: Recording Audio 3.03 Recording Studios	0	<p>Define acoustics.</p> <p>Identify the different types of recording studios.</p> <p>Identify the different types of rooms and equipments often used in a recording studio.</p> <p>Identify the things to be considered while designing a studio.</p>
Unit 3: Recording Audio 3.04 Echoes	0	<p>Identify the steps involved in opening an audio file in the Audacity software.</p> <p>Define acoustical problems.</p> <p>Describe common acoustical problems.</p> <p>Generate silence in an audio using the Audacity software.</p> <p>Add echo effect in an audio file using the Audacity software.</p> <p>Identify the steps involved in saving a project file in the Audacity software.</p>
Unit 3: Recording Audio 3.05 Reverb	0	<p>Identify the steps involved in opening an audio file in the Audacity software.</p> <p>Generate silence in an audio using the Audacity software.</p> <p>Identify the ways to reduce reverb.</p> <p>Describe reverb.</p> <p>Identify GVerb settings used in recreating sounds and effects.</p> <p>Add a reverb effect in an audio file.</p>
Unit 3: Recording Audio 3.06 More Acoustical Problems	0	<p>Describe leakage.</p> <p>Identify the ways to reduce leakage in a studio recording.</p> <p>Describe standing waves.</p>

		Describe noise floor. Identify the ways to fix frequency imbalance. Describe frequency balance.
Unit 3: Recording Audio 3.07 Unit Review: Recording Audio	0	0
Unit 3: Recording Audio 3.09 Quiz: Recording Audio	CV12.4.2, HS-PS4-2, HS-PS4-5	0
Unit 3: Recording Audio 3.10 Assignment 1: Recording Audio	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.10 Assignment 1: Recording Audio (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.10 Assignment 1: Recording Audio (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.10 Assignment 1: Recording Audio (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.11 Assignment 2: Recording Audio	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.11 Assignment 2: Recording Audio (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 3: Recording Audio 3.11 Assignment 2: Recording Audio (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3,	0

	CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	
Unit 3: Recording Audio 3.11 Assignment 2: Recording Audio (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4,, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 4: Audio Software Tools 4.01 DAW Software 4.07 Study Questions: Audio Software Tools	CV12.2.1, CV12.4.2, HS-PS4- 2, HS-PS4-5	<p>Define DAW software and identify its features.</p> <p>Identify the common computer requirements and the recommended computer hardwares used by audio engineers.</p> <p>Describe different DAW-specific hardwares.</p> <p>Identify the two popular DAW software programs.</p> <p>Identify the features and advantages of Audacity.</p> <p>Describe the main types of software licenses.</p> <p>Identify the type of license used for Audacity.</p>
Unit 4: Audio Software Tools 4.02 Other Audio Tools	0	<p>Describe the history of MIDI.</p> <p>Identify the MIDI cables and jacks.</p> <p>Define Channel Voice messages.</p> <p>Identify MIDI controllers.</p> <p>Identify MIDI uses.</p> <p>Identify looping software.</p> <p>Define MIDI.</p>
Unit 4: Audio Software Tools 4.03 Multitrack Music Project	0	<p>List the steps to open an audio file.</p> <p>Sync audio using Audacity.</p> <p>Change the tempo of an audio file.</p> <p>Change the pitch of an audio file.</p> <p>Change the speed of an audio file.</p> <p>Save a multitrack project file.</p>

Unit 4: Audio Software Tools 4.04 Audio File Formats	0	<p>Define audio file format.</p> <p>Define audio codec.</p> <p>Identify the common uncompressed audio file formats.</p> <p>Define audio file compression.</p> <p>Define audio data loss.</p> <p>Define lossless audio compression.</p> <p>Identify the types of lossless audio format.</p> <p>Define lossy audio compression.</p> <p>Identify the lossless and lossy audio formats.</p>
Unit 4: Audio Software Tools 4.05 Encode Audio	0	<p>List the steps to open an audio file.</p> <p>Identify the use of different audio encodings.</p> <p>Define encoding and constant and variable bit rates.</p> <p>Define metadata.</p> <p>Export audio in WAV format.</p> <p>Encode audio in MP3 format with LAME MP3 encoder.</p> <p>Export audio in MP3 format.</p> <p>Encode audio in AAC format with FFmpeg Library.</p> <p>Export audio in AAC format.</p> <p>Export audio in FLAC format.</p> <p>Compare audio format file sizes.</p>
Unit 4: Audio Software Tools 4.06 Unit Review: Audio Software Tools	0	0
Unit 4: Audio Software Tools 4.08 Quiz: Audio Software Tools	CV12.4.2	0
Unit 4: Audio Software Tools 4.09 Assignment 1: Audio Software Tools	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 4: Audio Software Tools 4.09 Assignment 1: Audio Software Tools (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0

Unit 4: Audio Software Tools 4.09 Assignment 1: Audio Software Tools (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 4: Audio Software Tools 4.09 Assignment 1: Audio Software Tools (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 4: Audio Software Tools 4.10 Assignment 2: Audio Software Tools	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 4: Audio Software Tools 4.10 Assignment 2: Audio Software Tools (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 4: Audio Software Tools 4.10 Assignment 2: Audio Software Tools (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 4: Audio Software Tools 4.10 Assignment 2: Audio Software Tools (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 5: Mics and Mixing 5.01 Microphone Hardware 5.08 Study Questions: Mics and Mixing	CV12.2.1, CV12.4.2, HS-PS4-2, HS-PS4-5	<p>Define microphone. Define transducer.</p> <p>Identify different types of microphones and the transducers they use.</p> <p>Identify the parts of a microphone.</p> <p>Identify the common types of connectors.</p> <p>Define active and passive mics.</p> <p>Define phantom power.</p>
Unit 5: Mics and Mixing 5.02 Microphone Specifications	0	<p>Define microphone specifications.</p> <p>Identify different microphone directional response types and their polar patterns.</p> <p>Define frequency response of a microphone.</p>

		<p>Define frequency response curve.</p> <p>Define proximity effect.</p> <p>Define transient response of a microphone.</p> <p>Identify the output characteristics of microphones.</p>
<p>Unit 5: Mics and Mixing 5.03 Microphone Placement</p>	<p>0</p>	<p>Identify the four main types of microphone placement techniques.</p> <p>Identify how to buy the right mic after considering the budget and needs.</p> <p>Define mono and stereo sound.</p> <p>Identify the microphone placement techniques for recording stereo sound.</p> <p>Identify the microphone placement techniques for recording different instruments.</p> <p>Define preamp.</p> <p>Define direct input box.</p>
<p>Unit 5: Mics and Mixing 5.04 Using Other People's Music</p>	<p>0</p>	<p>Describe what comprises intellectual property.</p> <p>Define copyright.</p> <p>Define digital rights management.</p> <p>Describe a sample of music.</p> <p>Describe what comprises the fair use of a copyrighted work.</p> <p>Define public domain.</p> <p>Identify the common types of copyright licenses.</p> <p>Identify different Creative Commons conditions.</p> <p>Identify the types of special Creative Commons licenses.</p> <p>Identify the different ways of finding and using samples of music shared under Creative Commons licenses.</p> <p>Define giving credit.</p>

<p>Unit 5: Mics and Mixing 5.05 Mix Samples</p>	<p>0</p>	<p>Define mixing samples.</p> <p>Download course resources using Firefox or Internet Explorer.</p> <p>Identify the steps to import the provided sound samples into Audacity.</p> <p>Identify the steps to listen to different tracks of sound samples.</p> <p>Identify the steps involved in saving a project file in the Audacity software.</p> <p>Identify the steps to remove unwanted tracks from the saved project.</p> <p>Identify the steps to search for music files other than the provided sound sample.</p> <p>Identify the steps to repeat samples of audio.</p> <p>Identify the steps to move tracks forward and backward in time.</p>
<p>Unit 5: Mics and Mixing 5.06 Finish Mixing Samples</p>	<p>0</p>	<p>Identify the steps involved in opening an audio file in the Audacity software.</p> <p>Identify the steps to change the gain of an audio track.</p> <p>Identify the steps to pan an audio track.</p> <p>Identify the steps to split a stereo track into two mono tracks.</p> <p>Identify the steps to join two mono tracks into one stereo track.</p> <p>Define the Envelope Tool.</p> <p>Identify the steps to use the Envelope tool to change the amplitude of part of a track.</p> <p>Identify the steps to move tracks forward and backward in time.</p> <p>Identify the steps to export the project as an MP3.</p>
<p>Unit 5: Mics and Mixing 5.07 Unit Review: Mics and Mixing</p>	<p>0</p>	<p>0</p>

Unit 5: Mics and Mixing 5.09 Quiz: Mics and Mixing	CV12.4.2, HS-PS4-2, HS-PS4-5	0
Unit 5: Mics and Mixing 5.10 Assignment 1: Mics and Mixing	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 5: Mics and Mixing 5.10 Assignment 1: Mics and Mixing (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 5: Mics and Mixing 5.10 Assignment 1: Mics and Mixing (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 5: Mics and Mixing 5.10 Assignment 1: Mics and Mixing (cont.)	CV12.2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2	0
Unit 5: Mics and Mixing 5.11 Assignment 2: Mics and Mixing	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.4.5, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 5: Mics and Mixing 5.11 Assignment 2: Mics and Mixing (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.4.5, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 5: Mics and Mixing 5.11 Assignment 2: Mics and Mixing (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.4.5, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 5: Mics and Mixing 5.11 Assignment 2: Mics and Mixing (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.4.5, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.01 Mastering and EQ 6.07 Study Questions: Mastering Sound	CV12.2.1, CV12.4.2, HS-PS4-2, HS-PS4-5	0
Unit 6: Mastering Sound 6.02 Continue Using EQ	0	0

Unit 6: Mastering Sound 6.03 Compress Audio		0	0
Unit 6: Mastering Sound 6.04 Normalize and Fade Audio		0	0
Unit 6: Mastering Sound 6.05 Phaser and Wahwah Effects		0	0
Unit 6: Mastering Sound 6.06 Unit Review: Mastering Sound		0	0
Unit 6: Mastering Sound 6.08 Quiz: Mastering Sound	CV12.4.2, HS-PS4-2, HS- PS4-5		0
Unit 6: Mastering Sound 6.09 Assignment 1: Mastering Sound	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4		0
Unit 6: Mastering Sound 6.09 Assignment 1: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4		0
Unit 6: Mastering Sound 6.09 Assignment 1: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4		0
Unit 6: Mastering Sound 6.09 Assignment 1: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4		0
Unit 6: Mastering Sound 6.09 Assignment 1: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4		0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4		0

Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0

Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0
Unit 6: Mastering Sound 6.19 Assignment 2: Mastering Sound (cont.)	CV12.2.1, 2.2, 2.4, CV12.3.1, 3.2, 3.3, 3.4, CV12.4.1, CV12.4.2, CV12.4.3, CV12.4.4, CV12.5.1, CV12.5.2, CV12.5.3, CV12.5.4	0