Music Audio Production 1 & 2
Scope & Sequence: Year 1

CTE Career & Technical Education

Semester 1		Semester 2	
Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**

Quarter 1

Technical Standards: 1.9, 1.11, 3.1-3.4, 12.3
Professional Standards: 1.0-7.0

Unit 1
Roles of the Performer/Pre-Production Planning/Industry Safety
- Classroom procedures and Safety.
- Familiarize students to the style of mariachi music and introduce all key elements to staging a live performance in front of the consumer.

Technical Standards: 7.1-7.9, 3.1-3.4
Professional Standards: 1.0-7.0

Unit 2
Music Theory and Terminology (Bilingual)
- Key concepts of music theory notation in both English and Spanish industry standards.
- Importance of scales and articulations and their application to their instrument.
- Understand score reading and its application to the engineer in the studio.
- Improvisation in performance.

Technical Standards: 1.9, 1.11, 3.0-3.4, 12.3
Professional Standards: 1.0-7.0

Quarter 2

Technical Standards: 1.9, 1.11, 3.0-3.4, 12.3, 11.0-11.4
Professional Standards: 1.0-7.0

Unit 5
Stage Performance and Interpretation
- Composer's expression in lyrics and to incorporate gestures with emotion to interpret lyrics.
- Translate lyrics from Spanish to English for understanding (this unit is focused on ELL students).
- Use of stage movements in a performance.

Technical Standards: 7.0-.7.9, 11.0-10-11.4, 12.1-12.2, 12.4, 12.5, 1.0, 1.2, 1.4, 1.11
Professional Standards: 1.0-7.0

Unit 6
Lighting and Stage Production
- Key elements to staging a live performance in front of a live audience.
- Skills in showmanship and develop an artistry in respecting time and effort in what is needed to entertain and maintain a full production.

Technical Standards: 1.0, 1.2, 1.4, 1.11, 3.0-3.4
Professional Standards: 1.0-7.0

Quarter 3

Technical Standards: 6.1-6.4, 11.0-11.4, 7.0-7.9, 1.0-1.11, 4.0-4.9, 5.0-5.8, 8-10.0200.8.11
Professional Standards: 1.0-7.0

Unit 9
Introduction to Pro Tools and Pro Audio Recording
- Work employability skills.
- Set-up session using Pro Tools DAW software and interface.
- Proper organizational skills required in the studio to industry standards.

Technical Standards: 8.0- 8.11, 6.1-6.4, 7.0-7.9, 5.0-5.8
Professional Standards: 1.0-7.0

Unit 10
Audio Cables and Microphones
- Types of audio cables and their construction.
- Microphones in inventory and their uses.
- Proper mic placement.

Technical Standards: 8.1-8.11, 6.1-6.4, 7.0-7.9, 5.1- 5.8
Professional Standards: 1.0-7.0

Unit 11
Pro Tools Session Set-Up
- Set-up and initiate a recording session.
- Understand proper studio management skills.

Quarter 4

Technical Standards: 6.1-6.4, 11.0-11.4, 7.0-7.9,1.0-1.11, 4.0-4.9, 5.1-5.8, 8.1-8.11
Professional Standards: 1.0-7.0

Unit 13
Audio Plug-ins
- Frequencies associated with equalizer plug-in and high and low frequency filters.
- Compression and limiters associated with instrumentation.
- Different sound room sizes associated with reverb and different acoustics.
- Use dither.
- De-esser with voice.

Standards: 5.0-5.8, 6.1-6.4, 11.0-11.4, 8.0-8.11, 7.0-7.9, 12.4
Professional Standards: 1.0-7.0

Unit 14
Bouncing Audio Tracks and Audio Busing
- Group and bounce audio tracks in preparation for writing automation dynamics.

Technical Standards: 5.0-5.8, 6.1-6.4, 11.0-11.4, 8.0-8.11, 7.0-7.9, 12.4
Professional Standards: 1.0-7.0

Unit 14

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51% of the entire program will be conducted in a lab setting. The lab consists of hand-on learning projects and experiences where student will practice the necessary skills to complete the current unit study.

Semester 1		Semester 2	
Quarter 1	**Quarter 2**	**Quarter 3**	**Quarter 4**
Unit 3 Scales and Chord building (Music Theory) • Understanding of harmony. • Learn common scales and inversions used in the style of mariachi music. • Understand inversion distance. • Invert parts when elements of an ensemble are missing. • Create chords and incorporate substitution chords for smooth performance and improvisation in the recording studio. Technical Standards: 1.9, 1.11, 3.0-3.4, 12.3, 11.0-11.4 Professional Standards: 1.0-7.0 Unit 4 **Improvisation** • Improvise by learning a song they never heard of with given communication verbally using solfège and non-verbal hand gestures used in industry work environment.	Unit 7 **CTSO Club Organization** • Parliamentary procedure. • The voting process and all parts of club hierarchy. ***Attend JTED Officer Training (TBA)*** Technical Standards: 1.0, 1.2, 1.4, 1.11, 3.0-3.4, 12.3 Professional Standards: 1.0-7.0 Unit 8 **Pre and Postproduction** • Marketing skills needed for music production. • Create stage itinerary. • Collaborate with other schools and districts in planning events and fund raisers • Develop a system in stage management and respecting the use of concert halls and auditoriums. Students will plan for semester assessment of winter concert production.	• Cooperate and collaborate as a group to meet production deadlines. Technical Standards: 8.1-8.11, 6.1-6.4, 7.0-7.9, 5.1-5.8 Professional Standards: 1.0-7.0 Unit 12 **Editing Through Pro Tools** • Edit and manipulate sound waves to prepare for post-production. • Use pro tools rules and grids in editing. • Copy and paste ornaments and loop rhythms when necessary.	**Bouncing Audio Tracks and Audio Busing** • Group and bounce audio tracks in preparation for writing automation dynamics. Technical Standards: 1.0, 1.2, 1.4, 1.11, 3.0-3.4, 12.3 Professional Standards: 1.0-7.0 Unit 15 **Pre and Postproduction Semester Assessment** • Marketing skills needed for music production. • Create a stage itinerary. • Collaborate with other schools and districts in planning events and fund raisers. • Stage management and respecting the use of concert halls and auditoriums. • Plan for semester assessment of end of year Capstone concert production for Arizona Fine Arts/CTE Seal.

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