COURSE INTRODUCTION:

Course Rationale: This course addresses the technological skills required of students to create effective electronic presentations for the companies employing them. The demand for multimedia knowledge and ability to apply it will continue to expand as businesses utilize multimedia functions including graphics, audio, video, web pages, and electronic presentations.

Course Description: Students will work with multimedia software to develop electronic presentations. They will learn how to manipulate text, art and graphics, photography, animation, audio, and video for presentations in various media formats.

DESE Model Curriculum

GRADE LEVEL/UNIT TITLE: 11-12/Create Audio Files   Course Code: 034356 CIP Code: 11.0103

UNIT DESCRIPTION:	SUGGESTED UNIT TIMELINE:
Create, manage and edit audio using audio editing and software.	CLASS PERIOD (50 min.): Five class periods

ESSENTIAL QUESTIONS:

1. How does audio manipulation play a role in media and entertainment?
2. How does business and industry rely on the use of audio editing software?

ESSENTIAL MEASURABLE LEARNING OBJECTIVES	CCSS LEARNING GOALS (Anchor Standards/Clusters)	CROSSWALK TO STANDARDS				
		GLEs/CLEs	PS	CCSS	NBEA	DOK
1. Compare and contrast audio formats common size and quality (e.g., .mp3, .wav, .midi)					IT.VI.1-2.1	3
2. Rip and import audio from a variety of sources (e.g., CD/DVD, video, Internet)					IT.V.3.5	2
3. Create original audio (e.g., voice, instrument)					IT.VI.3.2 CO.IV.3.6	4
4. Mix audio (e.g., layering, trimming, level adjustments)					IT.V.3.5	4
5. Apply effects to audio (e.g., noise reduction, amplify, echo)					IT.V.3.5	3
6. Export audio files based on delivery method					IT.V.3.5	3
7. Apply editing techniques					IT.V.3.5 IT.VI.3.2	2

ASSESSMENT DESCRIPTIONS*: (Write a brief overview here. Identify Formative/Summative. Actual assessments will be accessed by a link to PDF file or Word doc.)

Students will create audio using audio editing software. Voice_Over.doc and Voice Over Scoring Guide.doc

*Attach Unit Summative Assessment, including Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. Label each

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assessment according to the unit descriptions above (i.e., Grade Level/Course Title/Course Code, Unit #.)	
Obj. #	**INSTRUCTIONAL STRATEGIES (research-based):** (Teacher Methods)
2,4,5,6,7	1. Teacher will demonstrate importing, editing techniques and exporting while students follow along.
3	2. Teacher will demonstrate use of microphone, capture and recording in the software.
1	3. Teacher will discuss various file types, common size and quality of audio files and their appropriate uses through a presentation.
Obj. #	**INSTRUCTIONAL ACTIVITIES:** (What Students Do)
2,4,5,6,7	1. Students will import multiple audio files and create a medley of songs while applying effects and editing techniques. When complete export for multiple delivery methods. Voice Over.docx, Voice Over Scoring Guid.docx
3	2. Students will use a microphone to narrate audio. Sound Recorder Settings.pdf
1	3. Students will discuss various file types, common size and quality of audio files and their appropriate uses.

UNIT RESOURCES: (include internet addresses for linking)

Resources@MCCE - T&I DVD ROM 17, Digital Movie Maker: Guidance from an Expert: Shopware, LAWRENCEVILLE, NJ, SHOPWARE, 2005. This program focuses on the real-world techniques of producer Bill Cote, a 25-year veteran of the television industry, who uses footage from a recently wrapped film to demonstrate proper equipment operation. Divided into four main chapters covering pre-production, camera work, lighting, and audio recording, the program explains shooting schedules, shot lists, storyboards, camera exposure, shutter speed, lenses, filters, three-point lighting, time code and logs, shotgun mics, lapel mics, mic levels, audio ambience, and much more. 58 minutes.