

DESE Model Curriculum

GRADE LEVEL/UNIT TITLE: 11-12/Create Video Files

Course Code: 034356 CIP Code: 11.0103

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.

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UNIT DESCRIPTION: Plan, create, manage, and edit video files using video editing software.		SUGGESTED UNIT TIMELINE: CLASS PERIOD (min.): Fifteen 50 minute class periods.				
ESSENTIAL QUESTIONS: 1. What is the impact of video on society? 2. How is information presented using video?						
ESSENTIAL MEASURABLE LEARNING OBJECTIVES	CCSS LEARNING GOALS (Anchor Standards/Clusters)	CROSSWALK TO STANDARDS				
		GLEs/CL Es	PS	CCSS	NBEA	DOK
1. Develop pre-production documents (e.g., storyboard, shot list)				WHST.11-12.2a	IT.IV.2-4.4 IT.IV.2-4.2 M.I.A.2.1	4
2. Apply basic filming techniques (e.g., camera angles, camera movement, lighting, sound)					IT.IV.2-4.2	2
3. Access, capture, and import a variety of file sources converting file types, if necessary (e.g. audio, video, graphics)					IT.V.3.5 IT.VI.3.2	2
4. Arrange video clips, audio clips, titles and still images on timeline					IT.V.3.5	3
5. Manipulate clips (e.g., link/unlink, adjust transparency, set properties, trim, adjust speed/duration)					IT.V.3.5	4
6. Apply special effects, transitions, key frame/motion settings, animations, filters, and text					IT.V.3.5	4
7. Synchronize audio with video					IT.V.3.5	2
8. Apply advanced editing techniques (e.g., split screen format, chromakey, audiopan)					IT.V.3.5	4

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9. Evaluate sources for playing completed video (e.g., hardware, software, web applications)					IT.V.3.6	3
10. Apply codec (compression) appropriate for the media delivery					IT.VI.3.2	4
11. Export video for a variety of media outlets (e.g., broadcast, web)					IT.VI.3.3	3
12. Author DVD					IT.VI.4.2	4
<p>ASSESSMENT DESCRIPTIONS*: (Write a brief overview here. Identify Formative/Summative. Actual assessments will be accessed by a link to PDF file or Word doc.)</p> <p>Students will create a DVD of the video projects completed during the unit. See Video Assessments.</p> <p>*Attach Unit Summative Assessment, including Scoring Guides/Scoring Keys/Alignment Codes and DOK Levels for all items. Label each assessment according to the unit descriptions above (i.e., Grade Level/Course Title/Course Code, Unit #.)</p>						
Obj. #	INSTRUCTIONAL STRATEGIES (research-based): (Teacher Methods)					
1	1. Teacher will demonstrate and guide students through the creation of a storyboard and shot list for a video production.					
2- 11	2. Teacher will guide students through planning and creating a research based documentary by individual assistance.					
12	3. Teacher will assist and demonstrate the step-by-step process of creating a DVD using a presentation.					
Obj. #	INSTRUCTIONAL ACTIVITIES: (What Students Do)					
1	1. Students will use storyboards and shot lists to plan a video production.					
2 -11	2. Students will use video editing software to create a 3 minute research based documentary. <i>Class Video presentation.doc,</i>					
12	3. With teacher assistance, students will demonstrate the step-by-step process of creating a DVD using a presentation.					
UNIT RESOURCES: (include internet addresses for linking)						
<p>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,</p>						

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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.