Nebraska CTE

Video Production

Use video equipment to create media production projects. CIS.HS.17.1	**a** Identify and use various types of cameras (e.g., DSLR's, camcorders, drones, etc) to best capture the scene. CIS.HS.17.1.A
	b Identify and use various types of camera features (e.g., white balance, iso, fps). CIS.HS.17.1.B
	c Demonstrate the functions and uses of camera mounting devices (e.g., monopods, tripods, steadicam, gimbals, etc.). CIS.HS.17.1.C
	d Demonstrate different shot compositions (e.g., establishing shot, medium shot, close up, long shot, etc.). CIS.HS.17.1.D
	e Demonstrate compositional techniques with a camera (e.g., rule of thirds, framing, balance, background/foreground, headroom, lead room, etc.). CIS.HS.17.1.E
	f Demonstrate proper use, maintenance, and care of all equipment and tools. CIS.HS.17.1.F
Use audio equipment to create media production projects. CIS.HS.17.2	**a** Identify and use various types of microphones (e.g., lavaliere, directional, omnidirectional, shotgun, podcast, etc) to best capture voice, natural sound, ambient sound, background music, and secondary sounds for mood and effect. CIS.HS.17.2.A
	b Explain the function of industry standard audio equipment and accessories (e.g., microphones, XLR, 2 Ring (TRS) vs. 3 Ring (TRRS) for headphones, mixing board, cabling, etc.). CIS.HS.17.2.B
	c Identify and then troubleshoot sources of interference and poor sound quality. CIS.HS.17.2.C
	d Demonstrate proper use, maintenance, and care of all equipment and tools. CIS.HS.17.2.D
Use lighting to create media production projects. CIS.HS.17.3	**a** Utilize various light sources for effect (e.g., natural light, back light, reflectors, portable lights, box lights, lamps etc.). CIS.HS.17.3.A
	b Explain and demonstrate the use of lighting techniques in creating composition, visual continuity, and mood. CIS.HS.17.3.B

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	c Demonstrate proper use, maintenance, and care of all equipment and tools. CIS.HS.17.3.C
Complete pre-production tasks. CIS.HS.17.4	**a** Propose a project to include purpose, target audience, delivery method, selection of cast and crew, best equipment for the job, logistics, and schedule. CIS.HS.17.4.A
	b Scout and secure locations for the best lighting, sound, availability, and proper setting for the purpose of the project. CIS.HS.17.4.B
	c Create a properly formatted storyboard and shot list for each scene (sketch subjects, draw background, motion/movement, shot numbers, etc.). CIS.HS.17.4.C
Develop all parts of the storytelling process. CIS.HS.17.5	**a** Write questions for interviews. CIS.HS.17.5.A
	b Write a voice over script. CIS.HS.17.5.B
	c Research information as part of the story. CIS.HS.17.5.C
Perform production tasks. CIS.HS.17.6	**a** Perform the duties of director to create vision as laid forth in pre-production (e.g., disseminate commands and information to cast and crew and execute creative vision). CIS.HS.17.6.A
	b Perform the duties of various production roles (i.e., camera operator, sound operator, grip, gaffer, on-air talent, etc.). CIS.HS.17.6.B
	c Employ basic lighting techniques for the project (i.e., three-point, natural, artificial, reflectors, etc.). CIS.HS.17.6.C
	d Employ appropriate audio recording method for the project. CIS.HS.17.6.D
	e Reflect, revise, and refine pre-production decisions as needed. CIS.HS.17.6.E
	f Apply different shot compositions when filming (e.g., establishing shot, medium shot, close up, long shot, etc.). CIS.HS.17.6.F
Perform post-production tasks. CIS.HS.17.7	**a** Import and organize media to create an efficient workflow (i.e., assemble, review, share, etc.). CIS.HS.17.7.A
	b Demonstrate how to perform editing techniques using chosen software (e.g., cuts, trims, color correction, cropping, audio leveling, key framing, chroma key, transitions, compositing, continuity, and fades). CIS.HS.17.7.B
	c Determine effect use and placement of titles, text, fonts, colors, graphics, and lower thirds. CIS.HS.17.7.C
	mplement legal and appropriate audio into a project. CIS.HS.17.7.D

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	e Evaluate video for proper timing and pacing techniques appropriate to the project. CIS.HS.17.7.E
	f Differentiate between still image, audio, and digital video extensions and how they function in the project. CIS.HS.17.7.F
	g Create, compress, and convert digital video files, still images, and audio files in various formats (e.g., MPEG, WMV, MOV, MP3, MP4, VLC, JPEG, AIFF, AVCHD, etc.). CIS.HS.17.7.G
Describe working in the media production industry. CIS.HS.17.8	**a** Describe best practices employed in the design industry. CIS.HS.17.8.A
	b Examine careers in the media production field. CIS.HS.17.8.B
	c Identify job market trends in the media production field. CIS.HS.17.8.C
	d Identify the benefits of industry certification and higher education in the field. CIS.HS.17.8.D
Evaluate and comply with copyright laws. CIS.HS.17.9	**a** Determine the type of copyright, permissions, and licensing required to use specific content. CIS.HS.17.9.A
	b Analyze the different types of copyright licenses and their uses. (e.g., Creative Commons, Public Domain). CIS.HS.17.9.B
	c Identify legal and ethical considerations for using third-party content, such as copyright, permissions, and licensing. CIS.HS.17.9.C
	d Understand copyright as it applies to one's own creative work. CIS.HS.17.9.D