



Television Broadcasting 1 (10.0201) (Taught)

District High School > 2016-2017 > Basic > Skilled & Technical Sciences > Television Broadcasting 1 (10.0201) (Taught) > Clapier, Michael (Curtis); Clawson, Richard; Rodgers, Thomas; Virgin, Mike
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Unit	CTE Standards and Objectives	Essential Questions	Content	Skills	Vocabulary	Formative & Summative Assessments
Ethics-TV 1 Std 9 <i>(Week 1, 1 Week)</i>	UT: CTE: Skilled and Technical Sciences UT: Grades 9-12 Television Broadcasting 1 Standard 9 Students will be able to understand and practice copyright laws, ethics and legal issues dealing with photography as identified in United States Code Title 17 Chapter 1 Section 101. Objective 1 Define copyright. Objective 2 Other definitions a. Audiovisual works b. Computer program c. Copies d. Copyright owner e. Digital transmission f. Financial gain g. Pictorial, graphic, and sculptural works h. Work of visual art	Is copyright law important to follow? Why or why not?	<u>Copyright</u> <ul style="list-style-type: none"> • Time Limitation • Portion Limitation • Distribution Limitation • Music use • Owner rights • Commercial vs Educational 	<u>Copyright</u> <ul style="list-style-type: none"> • Verify proper and legal use of music and other media according to current copyright law. 	<ul style="list-style-type: none"> • Copyright • Distribution • Limitation • Ethics • Social • Legal • Fair use • Reproduce • Manipulate • Plagiarize 	Ethic Quiz Formative: Other: Quiz

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	<p>Objective 3 Students will practice ethics and rules governing photojournalism (i.e. Editorial content must not be changed)</p> <p>Objective 4 Students will practice correct usage of copyright laws (i.e. the right to reproduce, manipulate, distribute, plagiarize or exhibit another photographer's work outside of fair use provisions)</p> <p>a. Time limitations b. Portion limitations c. Text material d. Illustrations and photographs e. Copying and distribution limitations</p> <p>Objective 5 Students will demonstrate understanding of ethics related to social and legal issues in subject choice (i.e. model releases, image appropriateness, and cultural sensitivity)</p>					
<p>Camera-TV 1 Std 1 (Week 2, 2 Weeks)</p>	<p>UT: CTE: Skilled and Technical Sciences</p>	<p>How can your knowledge of the camera</p>	<p><u>Camera Parts</u></p> <ul style="list-style-type: none"> • Body • Lens 	<p><u>Camera Parts</u></p> <ul style="list-style-type: none"> • Identify and explain the 	<ul style="list-style-type: none"> • Body • Lens • Viewfinder 	<p>Camera and teleprompter performance Formative: Performance:</p>

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	<p>UT: Grades 9-12 Television Broadcasting 1 Standard 1 Students will be able to understand and demonstrate knowledge of the correct operation of the camera.</p> <p>Objective 1 Basic parts of a camera a. CCD/CMOS b. Lens c. Body d. Viewfinder</p> <p>Objective 5 Camera operation a. Focus b. White balance c. Setting the iris d. Depth of field</p> <p>Objective 6 Camera Support a. Tripod b. Hand Held</p> <p>Objective 7 Teleprompter</p>	<p>open avenues of expression and social growth?</p>	<ul style="list-style-type: none"> • Viewfinder • Imaging sensor device (3 CCD/CMOS) <p><u>Camera operation</u></p> <ul style="list-style-type: none"> • Focus • White balance • Setting the iris • Depth of field <p><u>Camera Support</u></p> <ul style="list-style-type: none"> • Tripod • Handheld <p><u>Teleprompter</u></p> <ul style="list-style-type: none"> • Function 	<p>function of the three main parts of the camera.</p> <ul style="list-style-type: none"> • Define the two main imaging sensors (CCD and CMOS). <p><u>Camera Operation</u></p> <ul style="list-style-type: none"> • Define and execute a proper focus, depth of field, iris setting and white balance. <p><u>Camera Support</u></p> <ul style="list-style-type: none"> • Define and demonstrate proper use of a Tripod and handheld operation <p><u>Teleprompter</u></p> <ul style="list-style-type: none"> • Demonstrate proper set up and use of teleprompter 	<ul style="list-style-type: none"> • Imaging sensor (3 CCD/CMOS) • Focus • White balance • Iris/Aperture • F-stop • Depth of field • Tripod • Handheld • Teleprompter 	<p>Skill Demonstration Camera and teleprompter operation Summative: Other: Quiz</p>
<p>Stand-TV 1 Std 8</p>	<p>UT: CTE: Skilled and Technical Sciences</p>					

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<i>(Week 4, 1 Week)</i>	UT: Grades 9-12 Television Broadcasting 1 Standard 8 Students will be able to understand and demonstrate knowledge of television standards. Objective 1 NTSC Objective 2 PAL Objective 3 High definition (720p, 1080i) vs Standard definition Objective 4 Aspect ratio Objective 5 Frames per second (fps) Objective 6 Interlaced Objective 7 Progressive					
Composition-TV 1 Std 1 <i>(Week 5, 2 Weeks)</i>	UT: CTE: Skilled and Technical Sciences UT: Grades 9-12 Television Broadcasting 1					

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	<p>Standard 1 Students will be able to understand and demonstrate knowledge of the correct operation of the camera.</p> <p>Objective 2 Camera movements</p> <ul style="list-style-type: none"> a. Pan b. Truck c. Dolly d. Arc e. Pedestal f. Tilt <p>Objective 3 Picture composition</p> <ul style="list-style-type: none"> a. Rule of thirds b. Nose room c. Headroom d. Lead room <p>Objective 4 Shot selections</p> <ul style="list-style-type: none"> a. Wide or long (LS) b. Medium (MS) c. Close up (CU) d. Extreme close up (ECU) e. Over-the-shoulder (O/S) f. Cross shot (XS) 					
<p>Profes-TV 1 Std 10 <i>(Week 6, 1 Week)</i></p>	<p>UT: CTE: Skilled and Technical Sciences UT: Grades 9-12</p>					

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	<p>Television Broadcasting 1 Standard 10 Students will gain an understanding of Design Technology as a profession and will develop professional skills for the workplace.</p> <p>Objective 1 As a participating member of the SkillsUSA student organization complete the SkillsUSA Level 1 Professional Development Program.</p> <ul style="list-style-type: none"> a. Complete a self-assessment inventory and identify individual learning styles. b. Discover self-motivation techniques and establish short-term goals. c. Determine individual time-management skills. d. Define future occupations. e. Define awareness of cultural diversity and equity issues. f. Recognize the benefits of conducting a community service 					

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	<p>project.</p> <p>g. Demonstrate effective communication skills with others.</p> <p>h. Participate in a shadowing activity.</p> <p>i. Identify components of an employment portfolio.</p> <p>j. Explore what is ethical in the workplace or school.</p> <p>k. Demonstrate proficiency in program competencies.</p> <p>l. Explore what is ethical in the workplace or school.</p> <ul style="list-style-type: none"> - State the SkillsUSA motto. - State the SkillsUSA creed. - Learn the SkillsUSA colors. - Describe the official SkillsUSA dress. - Describe the procedure for becoming a SkillsUSA officer. <p>Objective 2 Understand the use of drawings in architectural design and how those drawings relate to career opportunities.</p> <p>Objective 3 Display a professional</p>					

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	attitude toward the instructor and peers.					
Audio -TV 1 Std 2 <i>(Week 7, 2 Weeks)</i>	UT: CTE: Skilled and Technical Sciences UT: Grades 9-12 Television Broadcasting 1 Standard 2 Students will be able to understand and demonstrate knowledge of audio systems and how they are used. Objective 1 Microphones a. Pickup patterns - Omnidirectional - Unidirectional - Bidirectional - Hypercardioid - Cardioid b. Transducers - Dynamic (no battery) - Condenser (battery) - Ribbon c. Microphone types - Lavalier - Hand - Shotgun/Boom - Camera d. Connectors - BNC - Firewire					

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	<ul style="list-style-type: none"> - HDMI - Mini (1/8") <input type="checkbox"/> Stereo/mono - Phone (1/4") <input type="checkbox"/> Stereo/mono - RCA - USB - XLR <p>Objective 2 Audio Mixer parts a. Mic/line Inputs b. Mic/line faders c. VU Meter d. Master Fader e. Line Out</p>					
<p>Lighting-TV 1 Std 3 <i>(Week 9, 2 Weeks)</i></p>						

UT: CTE: Skilled and Technical Sciences
 UT: Grades 9-12
 Television
 Broadcasting 1
 Standard 3
 Students will be able to understand and demonstrate knowledge of lighting systems and how they are used.
 Objective 1
 Principles of Lighting
 a. Triangle or three-point lighting
 b. Key (Spot)
 c. Back or Halo (Spot)
 d. Fill (Flood)

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	Objective 2 Lighting instruments and accessories a. Spot (direct) b. Flood (diffused) c. Barn doors Objective 3 Lighting a. Base lighting b. Chroma key c. Background d. Falloff					
Pre-prod-TV 1 Std 4 <i>(Week 11, 1 Week)</i>	UT: CTE: Skilled and Technical Sciences UT: Grades 9-12 Television Broadcasting 1 Standard 4 Students will be able to understand and demonstrate knowledge of pre-production. Objective 1 Preproduction meeting Objective 2 Script Objective 3 Rundown Objective 4 Studio preparation					

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Control-TV 1 Std 6 <i>(Week 12, 2 Weeks)</i>	UT: CTE: Skilled and Technical Sciences UT: Grades 9-12 Television Broadcasting 1 Standard 6 Students will be able to understand and demonstrate knowledge of control room operation. Objective 1 Crew responsibilities a. Producer b. Director c. Technical director d. Audio e. Video playback f. Graphics g. Teleprompter h. Still Store Objective 2 Production Switcher Parts a. Preview Bus b. Program Bus c. Key Bus d. Mix/Effects (M/E) e. Fader Bar					
Studio-TV 1 Std 5 <i>(Week 14, 2 Weeks)</i>	UT: CTE: Skilled and Technical Sciences UT: Grades 9-12					

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	<p>Television Broadcasting 1 Standard 5 Students will be able to understand and demonstrate knowledge of studio operation.</p> <p>Objective 1 Crew responsibilities a. Floor director b. Camera operator c. Audio d. Video playback e. Graphics f. Talent</p>					
<p>V&GFX-TV 1 Std 7 <i>(Week 16, 2 Weeks)</i></p>	<p>UT: CTE: Skilled and Technical Sciences UT: Grades 9-12 Television Broadcasting 1 Standard 7 Students will be able to understand and demonstrate knowledge of visual effects and graphics.</p> <p>Objective 1 Visual effects a. Chroma key b. Picture in Picture (PIP)</p>					

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	c. Virtual Studio d. Transitions Objective 2 Graphics a. Text b. Fonts c. Colors d. Title safe area e. Computer-generated design f. Still Images g. Lower Third					