

Connecticut CTE

# **Digital Video Production (Grades 9-12)**

## Digital Video Production

### I Digital Video Production DVP

- a Video Production Skills: Understand video production as a communication tool and the equipment and skills required to properly communicate a message. DVP.01
  - 1 Describe the various video production processes, when integrated together to create a successful message.\*(A1) DVP.01.01
  - 2 Describe the differences between a studio production and a field production.\*(A2) DVP.01.02
  - 3 Identify various career paths in digital/video production.\*(A3) DVP.01.03
- b Safety: Describe and apply the fundamental principles that relate to both field and studio production. DVP.02
  - 1 Demonstrate fire safety prevention and extinction, and trip hazards as it relates to lighting and electrical equipment.\*(B4) DVP.02.01
  - 2 Describe the fundamentals of step ladder safety.\*(B5) DVP.02.02
  - 3 Identify proper methods of transport and storage for appropriate production and personal equipment.\*(B6) DVP.02.03
  - 4 Describe and apply fundamentals of cable safety.\*(B7) DVP.02.04
- c Pre-Production: Describe the process used for concept development and storyboarding as part of the pre-production process while focusing on the importance of communication, deadlines, and legal considerations. DVP.03
  - 1 Identify a target audience and design an appropriate message for the target market.\*(C8) DVP.03.01
  - 2 Describe the process used for concept development/treatment.\*(C9) DVP.03.02
  - 3 Identify and describe the script elements of storyboarding, two column, and screenplay format.\*(C10) DVP.03.03
  - 4 Define and describe the legal concerns of copyrights, ethics, releases, and royalties.\*(C11) DVP.03.04
  - 5 Explain the importance of budgets, scheduling, and deadlines in meeting the requirements of a project.\*(C12) DVP.03.05
  - 6 Evaluate a shooting location in terms of lighting, sound, production equipment needs, and electrical essentials.\*(C13) DVP.03.06
- d Production: Identify and describe the elements of production to effectively deliver a message. DVP.04
  - 1 Describe, plan the use of, and apply 3-point lighting, source light, white balance, scrims, and reflectors using the appropriate techniques.\*(D14) DVP.04.01
  - 2 Describe the various types of sound equipment and techniques used with handheld, lavalier, shot gun, condenser, omni and directional methods.\*(D15) DVP.04.02
  - 3 Describe the equipment and personnel necessary for producing a studio production.\*(D16) DVP.04.03

- 4 Describe the equipment and personnel necessary for producing a field production.\*(D17) [DVP.04.04](#)
- e Cinematic Principles: Describe and apply fundamental camera operations, movement, and composition. [DVP.05](#)
  - 1 Describe white balance, iris, aperture, auto and manual focus, audio settings, and levels in camera operations.\*(E18) [DVP.05.01.A](#)
  - 2 Describe dolly, truck, pan, and tilt as it relates to camera movements.\*(E19) [DVP.05.01.B](#)
  - 3 Describe the following methods of stabilization: tripod, monopod, slider, steady cam, fluid head, friction head, and dolly.\*(E20) [DVP.05.01.C](#)
  - 4 Describe the rule of thirds, head room, lead room/talk space, establishing shot, extreme close up, close up, medium, medium wide, wide, extreme wide, and depth of field as it relates to camera composition/framing.\*(E21) [DVP.05.01.D](#)
- f Post-Production: Identify and describe the elements of post-production to effectively deliver a message. [DVP.06](#)
  - 1 Create graphics and titles appropriate to the project.\*(F22) [DVP.06.01](#)
  - 2 Describe play head, timeline, bin, multiple tracks, trimming, and edit points within nonlinear video editing.\*(F23) [DVP.06.02](#)
  - 3 Describe and apply import, file, and asset management.\*(F24) [DVP.06.03](#)
  - 4 Edit and finalize images and video for rough cut, transitions, color correction, keying, and pacing with nonlinear software.\*(F25) [DVP.06.04](#)
  - 5 Edit audio for voice over, sound levels, music, and sound effects with application software.\*(F26) [DVP.06.05](#)
- g Media Components and Concepts: Identify and understand the technological literacy of video production. [DVP.07](#)
  - 1 Describe the following digital literacy terminology: aspect ratios, screen resolution, frame rate, file formats, codec, compression, bit rate, and display properties.\*(G27) [DVP.07.01](#)