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

Skip to main content

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, lavaliere, 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