

Video Production 2

Exam Information	Description
Exam number 593 Items 32 National Career Cluster Arts, Entertainment, & Design Certification available Yes	The Video Production 2 industry certification exam is designed for candidates who want to further enhance their filmmaking knowledge and abilities. It is an application of the skills learned in Video Production 1 with an additional emphasis on advanced techniques in cinematography, audio production, postproduction, and storytelling.

Exam Blueprint and Performance Skills

Standard	Percentage of exam score
1. Pre-Production*	18%
2. Camera Operation*	35%
3. Recording and Editing Audio*	9%
4. Lighting Principles*	15%
5. Post-Production*	18%
6. Copyright Laws, Ethics, and Legal Issues*	6%
7. Career Readiness (Optional)	0%

*Includes performance skill evaluation

Standard 1 - Pre-Production (18% of exam score)

Candidates will be able to further their understanding and demonstrate the process of pre-production.

Objective 1 Understand and demonstrate effective storytelling.

1. Act One (Set up)
 - a. Inciting Incident
2. Act Two (Confrontation)
 - a. Rising Action
3. Act Three (Resolution)
 - a. Wrap Up

Objective 2 Understand and demonstrate scriptwriting.

1. Proper formatting

Objective 3 Understand various crew and cast departments.

1. Directors, Producers
2. Talent: Actors, Extras, etc.
3. Camera: Director of Photography, 1st Assistant Camera, etc.
4. Sound: Boom Operator, Sound Mixer
5. Lighting: Gaffer, Grip, Best Boy, etc.
6. Post Production: Editor, Colorist, Sound Editor, VFX (Visual Effects), etc.

Performance Skill

1. Understand and demonstrate pre-production.
2. Understand and demonstrate effective storytelling.
3. Understand and demonstrate scriptwriting.
4. Understand various crew and cast responsibilities.

Optional: Standard performance evaluations on the final page of this document

Standard 2 - Camera Operation (40%)

Candidates will be able to understand and demonstrate the correct operation of the camera.

Objective 1 Understand and demonstrate appropriate lens selection.

1. Focal Length
2. Prime/Zoom
3. Telephoto/Wide
4. Aperture Range

Objective 2 Demonstrate understanding of camera operations, including:

1. Focus
 - a. Manual focus
 - b. Rack focus
2. Using filters
 - a. Neutral Density (ND)
 - b. Polarizer
 - c. Specialty Filters
3. Exposure
 - a. Shutter speed (motion blur)
 - b. Aperture (depth of field)
 - c. ISO (isolated)/Gain (noise/grain)
4. White balance
 - a. Kelvin color temperature

Objective 3 Demonstrate proper use of camera supports, including:

1. Stabilizers
2. Sliders
3. Drones
4. Handheld
5. Crane/jib

Objective 4 Identify and demonstrate effective shot composition (Framing) including:

1. 180-degree rule
2. Framing
3. Leading lines

Objective 5 Identify and demonstrate effective use of advanced shot techniques, including:

1. POV (Point of View), combining movements, dutch angle, etc.
2. Slow Motion
3. Timelapse/Hyperlapse

Performance Skill

1. Understand and demonstrate the correct operation of the camera.
2. Understand and demonstrate appropriate lens selection.
3. Demonstrate understanding of camera operations.
4. Demonstrate proper use of camera supports.
5. Identify and demonstrate effective picture composition (framing).
6. Identify and demonstrate effective use of advanced shot techniques.

Optional: Standard performance evaluations on the final page of this document

Standard 3 - Recording and Editing Audio (14%)

Candidates will understand and demonstrate procedures for recording and editing audio.

Objective 1 Identify various types of microphones and recorders and demonstrate appropriate use of each:

1. Microphone types and pickup patterns
 - a. Lavalier (omnidirectional)
 - b. Handheld mic (cardioid)
 - c. Shotgun/Boom mic (hypercardioid)
2. Field Recorder

Objective 2 Demonstrate effective sound design.

1. Soundtrack (music)
2. Sound effects
3. Diegetic vs. non-diegetic sound

Performance Skill

1. Understand and demonstrate procedures for recording and editing audio.
2. Identify various types of microphones and filters and demonstrate appropriate use of each.
3. Demonstrate effective sound design.

Optional: Standard performance evaluations on the final page of this document

Standard 4 - Basic Lighting Principles (14%)

Candidates will be able to understand and demonstrate knowledge of lighting principles and how they are used.

Objective 1 Understand and demonstrate advanced lighting principles, including:

1. Environment: Motivated Light
2. Mood: High vs Low Key

Objective 2 Identify and demonstrate effective use of lighting equipment and modifiers, including:

1. Flags, Cutters, Floppies
2. Reflectors, Bounce
3. Color (Gels/RGB (Red Green Blue))
4. Diffuser

Performance Skill

1. Understand and demonstrate knowledge of lighting equipment and how they are used.
2. Identify and demonstrate effective use of lighting equipment and modifiers.
3. Set up and use lighting appropriately for various situations.

Optional: Standard performance evaluations on the final page of this document

Standard 5 - Post-Production (23%)

Candidates will be able to understand and demonstrate post-production.

Objective 1 Identify and demonstrate effective use of different editing concepts related to story, including:

1. Continuity Editing
2. Cross-Cutting
3. Dissolve
4. Fade
5. “Shot/Reverse/Shot” Sequence
6. Match Cuts
7. Smash Cuts
8. Jump Cuts
9. Cutaway
10. Pacing
11. Montage
12. L & J Cuts

Objective 2 Candidates will be able to understand and demonstrate color correction and grading.

1. Color Correction (Correct Image Color)
2. Balancing Exposure, Contrast, WB, Etc.
3. Color Space (Log, Rec709)
4. Color Grading (Creating a Look)
5. Hue (Temperature/Tint)
6. Saturation
7. Brightness (Contrast)
8. LUTs

Objective 3 Candidates will be able to understand and demonstrate the use of visual effects and graphics.

1. Animation of Titles, logos, etc.
2. Masking
3. Tracking
4. Compositing

Performance Skill

1. Understand and demonstrate post-production.
2. Demonstrate effective editing workflows.
3. Identify and demonstrate effective use of different types of cuts.
4. Demonstrate effective color grading and color grading.
5. Demonstrate use of motion graphics.
6. Demonstrate use of special effects.

Optional: Standard performance evaluations on the final page of this document

Standard 6 - Copyright Laws, Ethics, and Legal Issues (3%)

Candidates will be able to understand and practice copyright laws, ethics and legal issues as identified in United States Code Title 17 Chapter I Section 101.

Objective 1 Define and demonstrate copyright, licensing, and creative commons.

Standard 7 - Professional Skills (Optional) (0%)

Candidates will understand and demonstrate the importance of career readiness and professionalism skills related to the workplace.

Objective 1 Explore career options related to course content.

Objective 2 Explore and participate in cocurricular activities related to course content.

1. Career Technical Student Organizations (CTSO's)
 - a. SkillsUSA
 - b. Technology Student Association
2. Other State and National Organizations
3. Related technical competitions

Workplace Skills

Workplace skills should be practiced and improved daily in the classroom to help candidates become efficient and reliable employees.

1. Communication
2. Problem Solving
3. Teamwork
4. Critical Thinking
5. Dependability

6. Accountability
7. Legal requirements/expectations

Performance Skills Evaluation

Exam name: Video Production 1

Candidate Name: _____

Performance assessments may be completed and evaluated any time before the certification is issued. The following performance skills can be used in connection with the associated standards and exam. The evaluator will function as the subject matter expert to determine if the candidate meets the skills requirements with a Yes/No for passing.

Standard 1 – Pre-production Understand and demonstrate pre-production (field/studio)	Pass:
Standard 2 – Camera Operation Understand and demonstrate camera operation	Pass:
Standard 3 – Recording and Editing Audio - Understand and demonstrate audio systems and how they are used - Understand and demonstrate knowledge of the function of various cables and connectors	Pass:
Standard 4 – Lighting Principles Understand and demonstrate lighting systems and how they are used	Pass:
Standard 5 – Post-Production - Understand and demonstrate post-production - Understand and demonstrate visual effects and graphics	Pass:
Standard 6 – Copyright Laws, Ethics, and Legal Issues Understand and practice copyright laws, ethics, and legal issues dealing with photography as identified in the United States Code Title 17 Chapter 1 Section 101	Pass:
Standard 7 – Professional Skills Understanding of Video Production as a profession and will develop professional skills for the workplace	Pass:

Evaluator Name:

Date:
