

Video Production 2

Exam Information	Description																				
Exam number 593	The Video Production 2 industry certification exam is designed for students 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.																				
Items 25																					
Points 73	Exam Blueprint																				
Prerequisites Video Production 1	<table><tr><th>Standard</th><th>Percentage of exam</th></tr><tr><td>1. Camera Operation</td><td>16%</td></tr><tr><td>2. Recording Audio</td><td>10%</td></tr><tr><td>3. Lighting Systems</td><td>18%</td></tr><tr><td>4. Preproduction</td><td>12%</td></tr><tr><td>5. Production</td><td>12%</td></tr><tr><td>6. Post Production</td><td>20%</td></tr><tr><td>7. Visual Effects and Graphics</td><td>8%</td></tr><tr><td>8. Copyright Laws and Ethics, and Legal Issues</td><td>4%</td></tr><tr><td>9. Professional Skills for the Workplace (Optional)</td><td>0%</td></tr></table>	Standard	Percentage of exam	1. Camera Operation	16%	2. Recording Audio	10%	3. Lighting Systems	18%	4. Preproduction	12%	5. Production	12%	6. Post Production	20%	7. Visual Effects and Graphics	8%	8. Copyright Laws and Ethics, and Legal Issues	4%	9. Professional Skills for the Workplace (Optional)	0%
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9. Professional Skills for the Workplace (Optional)	0%																				
Recommended course length One semester																					
National Career Cluster Arts, A/V Technology, & Communications																					
Performance standards Included (Optional)																					
Certificate available Yes																					

Standard 1

Students will be able to further their understanding and demonstrate 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.

Standard 1 Performance Evaluation included below (Optional)

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.

Standard 2

Students 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 picture 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

Standard 2 Performance Evaluation included below (Optional)

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.

Standard 3

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

Objective 1 Identify various types of microphones and recorders and demonstrate the 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

Standard 3 Performance Evaluation included below (Optional)

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.

Standard 4

Students 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

Standard 4 Performance Evaluation included below (Optional)

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.

Standard 5

Students 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 Students 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 Students 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

Standard 5 Performance Evaluation included below (Optional)

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.

Standard 6

Students will be able to understand and practice copyright laws, ethics and legal issues as identified in United States Code Title 17 Chapter 1 Section 101.

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

Standard 7

Students 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

Workplace Skills

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

1. Communication
2. Problem Solving
3. Teamwork
4. Critical Thinking
5. Dependability
6. Accountability
7. Legal requirements/expectations

Video Production 2

Performance assessments may be completed and evaluated at any time during the course. The following performance skills are to be used in connection with the associated standards and exam. To pass the performance standard the student must attain a performance standard average of 8 or higher on the rating scale. Students may be encouraged to repeat the objectives until they average 8 or higher.

Student's Name: _____

Class: _____

Performance standards rating scale

0	Limited skills	2	→	4	Moderate skills	6	→	8	High skills	10
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Standard 1 – Correct Operation of the Camera

Score:

- Understand and demonstrate the correct operation of the camera.

Standard 2 – Recording Audio

Score:

- Understand and demonstrate procedures for recording audio.

Standard 3 – Lighting Systems

Score:

- Understand and demonstrate knowledge of lighting systems and how they are used.

Standard 4 – Preproduction

Score:

- Understand and demonstrate preproduction.

Standard 5 – Production

Score:

- Understand and demonstrate production.

Standard 6 – Post-Production

Score:

- Understand and demonstrate post-production.

Standard 7 – Visual Effects and Graphics

Score:

- Understand and demonstrate the use of visual effects and graphics.
- Understand and demonstrate knowledge of the function of various cable and connectors.

Standard 8 – Copyright Laws, Ethics, and Legal Issues

Score:

- Understand and practice copyright laws, ethics and legal issues dealing with photography as identified in United States Code Title 17 Chapter 1 Section 101.

Standard 9 – Professional Skills in the Workplace

Score:

- Understanding of Video Production as a profession and will develop professional skills for the workplace.

Performance standard average score:

Evaluator Name: _____

Evaluator Title: _____

Evaluator Signature: _____

Date: _____