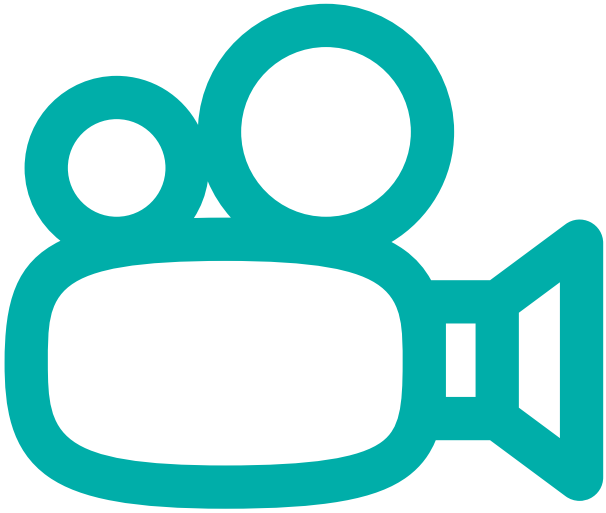
NOCTI

Foundational Credential Blueprint



Digital Video Production Foundations

Code: 1089 / Version: 01

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General Assessment Information

Blueprint Contents

General Assessment Information
Written Assessment Information
Specific Competencies Covered in the Test
Sample Written Items

Test Type: The Digital Video Production Foundations industry-based credential is included in NOCTI's Foundational assessment battery. Foundational assessments measure occupational awareness and fundamental competencies within a specific field, providing insight into a learner's progress toward job readiness. Foundational assessments include a written component only and can be used at the secondary and post-secondary levels. Foundational assessments can be delivered in an online or paper/pencil format.

Revision Team: The assessment content is based on input from secondary, post-secondary, and business/industry representatives from the states of Michigan, New York, and Pennsylvania.

CIP Code

10.0202-
Radio and
Television Broadcasting
Technology/Technician

Learning that works for America CTE™

Career Cluster 2-
Arts, AV Technology
and Communications

O*NET™ in*it

27-4012.00–
Broadcast Technician

Association for Career and Technical Education ACTE®

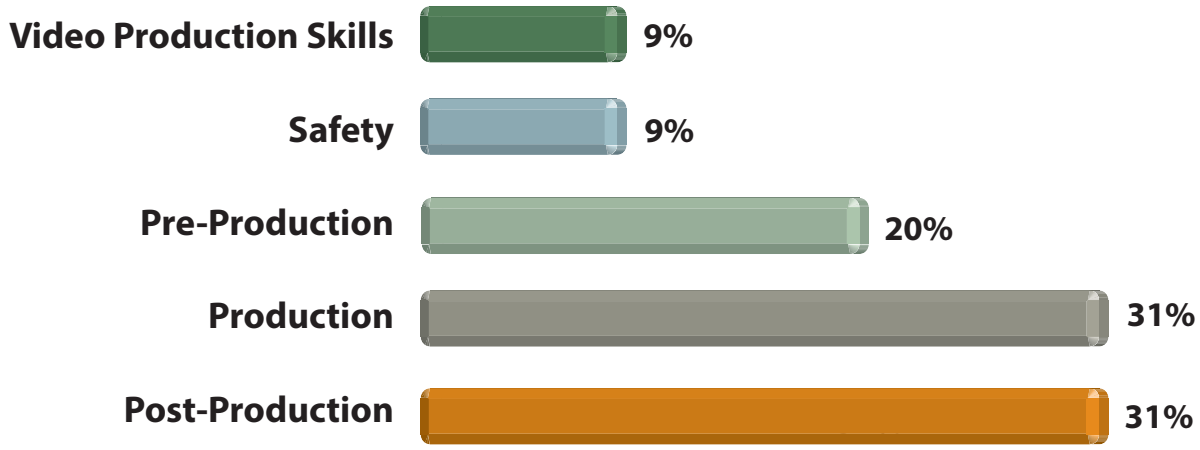
The Association for Career and Technical Education (ACTE), the leading professional organization for career and technical educators, commends all students who participate in career and technical education programs and choose to validate their educational attainment through rigorous technical assessments. In taking this assessment you demonstrate to your school, your parents and guardians, your future employers and yourself that you understand the concepts and knowledge needed to succeed in the workplace. Good Luck!

Written Assessment

NOCTI written assessments consist of questions to measure an individual's factual theoretical knowledge.

Administration Time: 2 hours
Number of Questions: 80
Number of Sessions: This assessment may be administered in one, two, or three sessions.

Areas Covered



Specific Standards and Competencies Included in this Assessment

Video Production Skills

- Describe the various elements of the video production process
- Describe the differences between a studio production and a field production
- Identify various career paths in digital/video production

Safety

- Demonstrate fire safety prevention and extinction, lighting safety, and safe lifting practices
- Describe the fundamentals of ladder safety
- Describe and apply fundamentals of cable safety

Pre-Production

- Identify a target audience and design an appropriate message for the target market
- Describe the processes used for concept development
- Identify and describe the script elements of storyboarding and screenplay format
- Define and describe the legal concerns of licenses, copyrights, and releases
- Explain the importance of production planning (e.g., budgets, scheduling, deadlines)

Production

- Describe, plan the use of, and apply 3-point lighting and reflectors using the appropriate techniques
- Describe the various types of sound equipment and techniques used with handheld, lavaliere, omni and directional methods
- Describe the equipment and personnel necessary for a production
- Describe camera operations (e.g., white balance, iris, f-stop, aperture)
- Describe camera movements (e.g, dolly, tilt)
- Describe the following methods of stabilization: tripod, pedestal, fluid head, and friction head
- Describe the rule of thirds and the seven common camera shots

(Continued on the following page)

Specific Standards and Competencies (continued)

Post-Production

- Create graphics and titles appropriate to the project
- Describe play head, timeline, and edit points within nonlinear video editing
- Describe and apply import, file, and asset management
- Edit and finalize images and video for color correction, keying, and pacing with nonlinear software
- Edit audio for music and sound effects with application software
- Describe aspect ratios
- Describe the following digital literacy terminology: screen resolution, frame rate, file formats, codec, and bit rate



Sample Questions

It is unusual to find camera shots listed in a

A. camera log
B. storyboard
C. two-column script
D. treatment

A microphone that receives sound from one direction is

A. unidirectional
B. bidirectional
C. omnidirectional
D. ultradirectional

What is the iris opening of a lens, usually measured in f-stops?

A. beam splitter
B. aperture
C. frame
D. viewfinder

Of the following, identify two types of pan heads.

A. hydraulic and manual
B. friction and bearing
C. friction and fluid
D. locking and hydraulic

What type of graphic is used to briefly identify an on-camera speaker?

A. roll
B. crawl
C. flash layer
D. lower third