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**Television  
Production**

## General Assessment Information

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**Test Type:** The Television Production assessment is included in NOCTI's Teacher assessment battery. Teacher assessments measure an individual's technical knowledge and skills in a proctored proficiency examination format. These assessments are used in a large number of states as part of the teacher licensing and/or certification process, assessing competency in all aspects of a particular industry. NOCTI Teacher tests typically offer both a written and performance component that must be administered at a NOCTI-approved Area Test Center. Teacher assessments can be delivered in an online or paper/pencil format.

**Revision Team:** The assessment content is based on input from subject matter experts representing the following states: Michigan, New York, New Jersey, Pennsylvania, and Virginia.



10.0202-Radio and  
Television Broadcasting  
Technology/Technician



Career Cluster 2-Arts, AV  
Technology  
and Communications



27-4012.00-  
Broadcast Technician

## Written Assessment

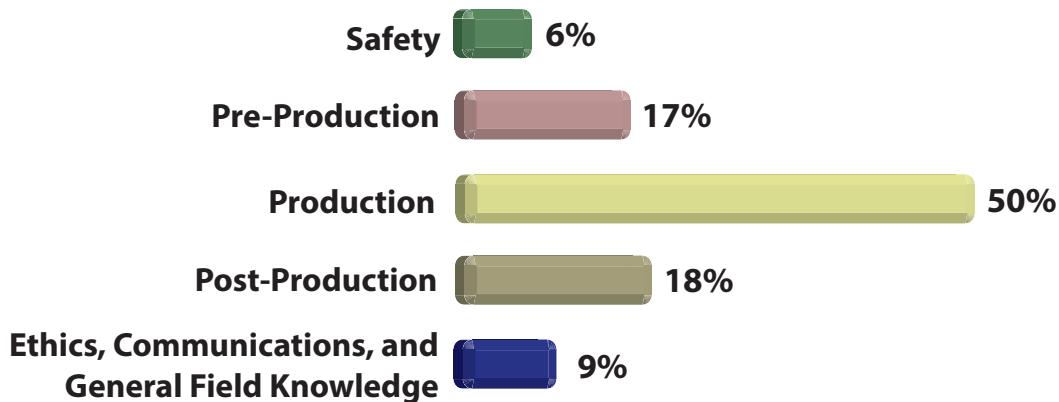
NOCTI written assessments consist of questions to measure an individual's factual theoretical knowledge.

**Administration Time:** 3 hours

**Number of Questions:** 181

**Number of Sessions:** This assessment may be administered in one, two, or three sessions.

### Areas Covered



## Specific Standards and Competencies Included in this Assessment

### Safety

- Demonstrate safe handling of lighting instruments
- Apply fundamentals of ladder safety
- Demonstrate knowledge of fire safety principles
- Identify appropriate personal safety principles

### Pre-Production

- Define target audience, including demographics and ratings
- Create or prepare production schedule/timeline
- Identify various budget/financial issues
- Demonstrate knowledge of concept development
- Demonstrate knowledge of various script formats, including storyboarding
- Determine technical requirements and site survey/location scout
- Identify and describe various communication delivery methods
- Select crew and cast talent for appropriate production requirements
- Design and construct sets and lighting



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## Specific Standards and Competencies (continued)

### Production

- Prepare graphics appropriate to production
- Execute various lighting designs
- Direct and produce a studio production
- Direct and produce a remote production
- Collect, set up, and maintain props, set dressings, and scenery
- Select appropriate music for production
- Perform on-camera production skills
- Identify and select appropriate make-up and costumes
- Identify parts of cameras, accessories, and camera support systems
- Perform camera movements
- Properly adjust cameras (i.e., exposure, white balance)
- Demonstrate appropriate lens operation and framing
- Identify various live transmission methods
- Identify and maintain various recording and file management systems
- Determine microphone selection and application
- Identify and operate various audio devices in a recording environment



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## Specific Standards and Competencies (continued)

### Post-Production

- Identify and describe proper editing techniques
- Demonstrate editing aesthetics (i.e., transitions, pacing of shots, background music selection)
- Identify and manage various file formats
- Import, capture, and export media appropriately
- Identify and describe digital video signals
- Describe procedures for preparing production for distribution
- Describe and apply motion graphics and video compositing (including CG, chromakey)
- Evaluate the finished product with the client/audience
- Identify and describe essential computer hardware for editing

### Ethics, Communications, and General Field Knowledge

- Identify and define various career paths in the video production/broadcasting field
- Exhibit knowledge of copyrights, contracts, ethics, and industry legalities
- Cooperate professionally with clients, coworkers and supervisors
- Demonstrate knowledge of the business aspects of the video/broadcasting field



## Sample Questions

**In the traditional two-column script format, what information is placed in the left column?**

- A. music
- B. sound effects
- C. camera directions
- D. actor's dialog

**Items on a set such as pictures, lamps, and plants are called**

- A. platform pieces
- B. set aesthetics
- C. background pieces
- D. set dressings

**In digital media, sound and light are translated into**

- A. binary code
- B. time code
- C. vector
- D. codec

**To avoid a jump cut, use a**

- A. split
- B. key
- C. cutaway
- D. lower third super

**What is the best way to design studio lighting?**

- A. Put gels in all the lighting instruments.
- B. Draw a light plot.
- C. Draw a floor grid.
- D. Adjust the background until the set is well lit.

## Performance Assessment

NOCTI performance assessments allow individuals to demonstrate their acquired skills by completing actual jobs using the tools, materials, machines, and equipment related to the technical area.

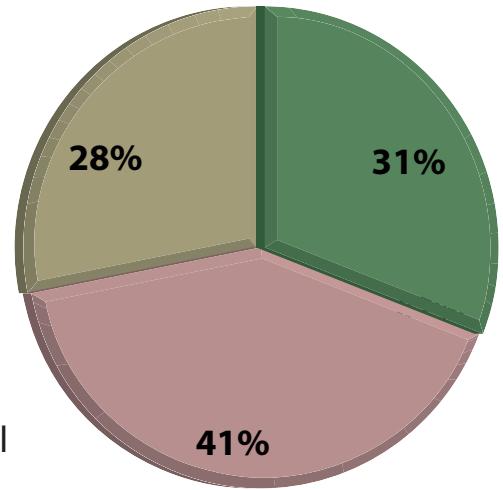
**Administration Time:** 3 hours

**Number of Jobs:** 3

### Areas Covered:

#### **31% Create and Script Video**

Participant will create a script for a 60-second video profile of another person, adhere to the script format and video instructions. The video must include technical descriptions of shots, music, and titles.



#### **41% Shot Composition**

Participant will perform all shots with high quality and correct camera movements.

#### **28% Edit Shots with the Interview**

Participant will edit the video from first job following all instructions and ensure that a leader is included.

## Sample Job

### Create and Script Video

**Maximum Time:** 45 minutes

**Participant Activity:** The test participant will create a script for a 60-second video profile of another individual.

