NOCTI CTE®

Measuring What Matters in CTE

Teacher Assessment Blueprint

Television Production

Test Code: 5186 / Version: 01

General Assessment Information

Blueprint Contents

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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

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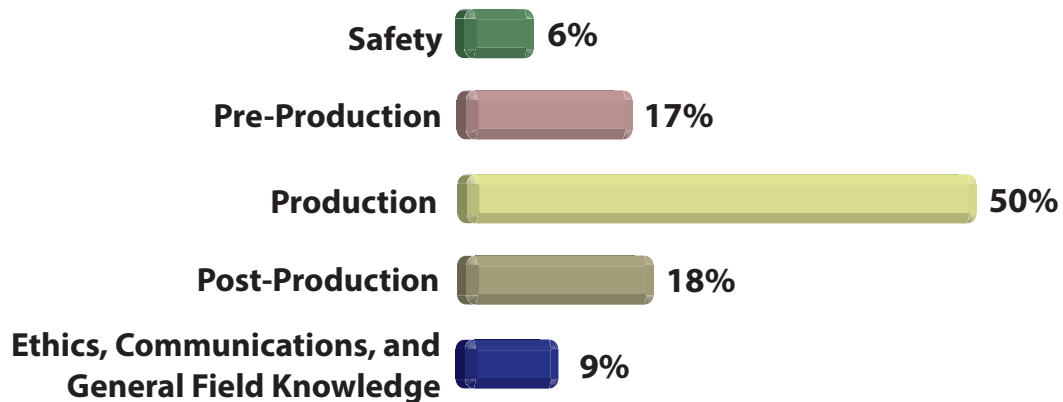Broadcast Technician

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

Safety — 6%
Pre-Production — 17%
Production — 50%
Post-Production — 18%
Ethics, Communications, and General Field Knowledge — 9%

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

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

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 <u>best</u> 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:
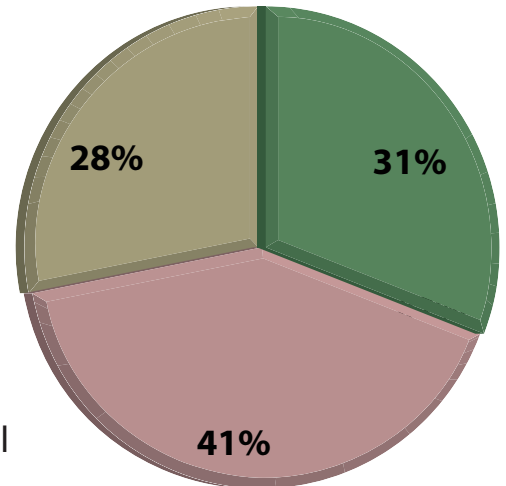
31% Create and Script Video
Participant will create a script for a 60-second video profile of another person, adhere to the script format and video instructions. The video must include technical descriptions of shots, music, and titles.

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.