

UTAH STATE COMMERCIAL PHOTOGRAPHY TEACHER EXAMINATION

TEACHER WRITTEN ASSESSMENT

*Assesses the experienced worker level,
theoretical concepts in the field of commercial photography.*

Number of Questions: 150

Level: Teacher





Administration Time: 2.5 hours



Areas Covered in the Teacher Commercial Photography Assessment

25%	DSLR Camera/Lens Operation
10%	Composition
13%	Lighting
16%	Transferring and Storage
26%	Image Processing (Photoshop)
10%	Print Finishing/Web/Display

How to Administer the Written Assessment

-  Written assessments can be given to large numbers of participants in several occupational areas at one time.
-  Detailed instructions are provided for efficient administration.
-  Scannable answer sheets are provided for each participant.
-  The only supplies needed for the written assessments are good supply of soft-lead pencils with erasers, pencil sharpener, scrap paper, a clock or stopwatch, and a chalkboard for recording time and other information.

SAMPLE QUESTIONS

- 1. The lensboard on a view camera may be adjusted by swings or tilts to obtain sharp focus when**
 - A. the lens and film are not parallel
 - B. the film and image plane are not parallel
 - C. the film and camera back are not parallel
 - D. none of the above

- 2. To correct for a print which almost immediately turns black in the developer, one would**
 - A. open the lens and decrease exposure time
 - B. develop the next print for a shorter time
 - C. close the lens and decrease exposure time
 - D. open the lens and increase exposure time

- 3. Minute buckling or swelling of an emulsion due to sudden drastic changes of processing solution temperatures is called**
 - A. grain enlarging
 - B. reticulation
 - C. bas-relief
 - D. solarization

- 4. When using electronic flash for bounce illumination, the correct distance to be used for calculating exposure is**
 - A. flash to subject
 - B. flash to reflector to subject
 - C. subject to camera
 - D. one-half of the flash to subject

- 5. The subtractive primary colors are**
 - A. red, blue, green
 - B. yellow, magenta, cyan
 - C. red, blue, yellow
 - D. red, cyan, yellow

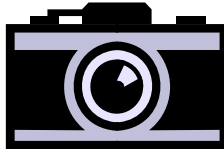
TEACHER PERFORMANCE ASSESSMENT

Assesses the manipulative skills for the field of Commercial Photography

Number of Jobs: 15

Level: Teacher

Administration Time: 4 hours



Areas Covered in the Commercial Photography Performance Assessment

30% DSLR CAMERA OPERATION

Shooting, focus, ISO control, white balance, metering, exposure settings both f/stop and shutter speeds, including camera mode control.

30% PHOTO MANIPULATION SOFTWARE OPERATION

Downloading, photo manipulation, color control, histogram and level control, cropping and storage of images. Burning, dodging, contrast control will also be assessed.

20% LIGHTING





Natural and artificial lighting including: strobe and studio lighting as well as outdoor lighting.

Setting up instruments for 3-point studio light placement; strobe set-up, calculation; main, fill, and bounce lighting using a light meter for proper exposure of a subject.

20% PRINTING / ENLARGING

Setting up digital images to print a series of enlargements with proper amount of resolution. Proper cropping and printing using an ink-jet printer.

How to Administer the Performance Assessment

-  Performance assessments are administered to small groups under close supervision.
-  Detailed instructions are provided for efficient administration.
-  Third party evaluators are recommended to ensure the validity of test results.
-  Complete lists of necessary materials and supplies are provided.

SAMPLE JOB

Job 1: Digital Single Lens Reflex Camera Operation

Estimated Time: 1.5 hours

Participant Activity:

Participant will be shooting the following assignment items:

1. Outdoors with existing light.
 - Three images demonstrating stop action.
 - Three images demonstrating a relatively narrow depth of field (3-5 feet).
 - Three images demonstrating a relatively long depth of field (any distance to infinity).
2. Indoors with existing light.
 - Three images using existing window or interior illumination.
3. Three images using studio lighting.
4. Download required images for digital processing using Adobe Photoshop

LIST OF MATERIALS AND EQUIPMENT REQUIRED

- The participant will use their own Digital Single Lens Reflex (DSLR) camera with a normal lens along with a memory card of at least 1 gig of storage space and a tripod.
- Participant should bring a laptop with Adobe Photoshop CS or newer and a card reader and/or necessary cables to download their images.

Note: *A calculator may be used for both the written and performance examinations.*