STUDENT SERVICES PORTAL | FC

Turn in Assignment for Chapter 9 - Cinematography: Sight & Sound

Assignment Description

1. Take an adjustable camera that is not a cell phone or any camera on which shutter speed and f-stops cannot be adjusted. Set it on a stable surface. Line up three objects in front of the lens. Stagger them left to right and be making certain that each is set back a few ...

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Chapter 9 - Cinematography: Sight & Sound - Quiz

1. Describe the basic duties of a DP. Explain the difference between a director of photography and a cinematographer.

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A DP ensures the visual image is captured at the highest possible quality, and the difference between a DP and a cinematographer is that a DP does not operate the camera.
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2. What jobs comprise the director of photography's crew? What are the duties of each member of his team?

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Camera operator, 1st assistant camera operator, and the 2nd camera assistant. The 1st assistant pulls focus and the 2nd camera assitant prepares the camera, operates the slate, and manages the camera paperwork.
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3. Why is depth perception important when lighting an actor?

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Depth perception allows us to distinguish the distance between foreground and background.
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4. What are the three main lights used in cinematography? How are they used together to create "the visual image"?

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Key, fill, and backlight. The key light is shined at the subject's face. This washed most of the shadows out of a face and causes it to look flat, so a fill light sits on the side of the subject to add depth in their face. A backlight is shined from the back of the subject in order to create separation between the subject and the background.

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5. What is the difference between tungsten incandescents and HMIs? What is the purpose of each?

Tungstens are yellow and HMIs and blue light. Also, tungstens are generally used indoors and HMIs are usually used outdoors.

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6. What are some of the other tools a director of photography will use to create lighting effects?

Gels for color, scrims to diffuse the light, cucolorises for patterns, and a bounce to bounce light from one soure to another direction.

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7. What are the different parts of a camera?

A light-tight box, a lens, a shutter, an iris, and the focal plane.

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8. Why is "vetting" your DP so important? When vetting him, what characteristics are you looking for? What do you want to avoid?

You want to make sure the DP's style is similar to the style of film you are making. Moreover, you want to make sure he/she is easy to work with, he is smart, competent, and experienced.

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9. What is the most important quality of a camera?

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The ability to restrict light except where it is wanted.

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10. What is a lens and what is its primary purpose?

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A lens is a collection of glass elements of different shapes mounted in a barrel made of metal or plastic, and its primary purpose is to form a sharp image of an object onto the focal plane.

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11. What is focal length and what does it affect?

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Focal length is the magnification power of a lens usually expressed in millimeters, and it affects how large an image will appear on the focal plane.

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12. What is controlled by the iris?

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The intensiry of light being let in (f-stop) is controlled by the iris.

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13. What does the shutter control?

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The shutter contols the length of time that light is exposed to the film.

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14. In your own words, why is well executed sound important?

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Audio is costly to fix in post-production and por audio can ruin an audience's experience.

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15. Who generally comprises a sound crew?

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Mixer, boom operator, and one or two assistants.

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16. Why does the mixer need to make sure levels are kept within a proper range?

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Sounds recorded at too high of a level will be distorted and difficult to fix in post.

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17. What are the tasks of a sound assistant?

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Attaching wireless mics to actors, retrieving those mics when an actor leaves set, wrapping cables, and charging batteries.

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18. What is time code used for?

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Timecode enables the DIT to show the director what previous takes look and sound like.

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Attachment

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Note: Assignment will not be submitted unless you check "Complete". This assignment must also be turned in to your mentor.