

ARTD 2380 Video Basics Lighting Workshop

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Overview

The goal of this in-class workshop is to review the lighting homework and introduce you to some of the lighting instruments available from the CAMD Media Center. You'll work in teams using the Sony a7iii camera, Sachtler flowtech tripod, an LED bicolor panel, and a small LED unit. Work in Movie/Manual Mode for better control of exposure and color balance, along with the most appropriate motion blur, with full control of ISO, Shutter Speed, Aperture, and White Balance. All video for this workshop must be recorded at 24p using the Sony XAVC S codec in HD with a 1/50 shutter speed in Movie/Manual Mode. By using ND filters, you can maintain a 1/50 shutter speed when shooting outdoors in bright sunlight. Use your notes from the workshop and/or the presentation slides as reference for set-up steps, configuration, and basic usage.

Create and update your own checklist for use with this camera

You should create your own checklists for configuring the camera and setting up for shots. Use this workshop, along with the camera handout, presentation slides, and the camera manual as reference while creating your checklists. Making checklists will help you learn to use the equipment and help you ensure you address everything you need to deal with when configuring the camera and setting up shots.

Workshop production activity

Record twelve different lighting setups described in the list below using Movie/Manual mode and the shutter speed at 1/50 (double check you don't change this as you are shooting). *Outdoors you may need to use the ND filters in order to keep the shutter speed at 1/50.* Keep a log of your shots using the camera report form provided and record a lighting plot using the form provided indicating the location of the light sources, the subject, the camera, and any relevant set or lighting modification items. Work efficiently and return to the classroom at the scheduled time, don't be late!

1. Establishing LS, interior, lighting quality up to you, white balance using white reference card, ISO/aperture determined using Zebras with highlights at 90, shutter speed set to 1/50
2. CU or MS of a person in the same interior as 1, same exposure and white balance as 1, with minor adjustments as needed
3. An interior shot, different setting than 1 or 2, the details are up to you, have some fun!
4. An interior shot, different setting than 1 or 2 or 3, the details are up to you, have some fun!
5. Establishing LS, exterior, lighting quality up to you, white balance using white reference card, ISO/aperture determined using Zebras with highlights at 90, shutter speed set to 1/50
6. CU or MS of a person in the same exterior as 5, same exposure and white balance as 5, with minor adjustments as needed
7. An exterior shot, different setting than 5 or 6, the details are up to you, have some fun!
8. An exterior shot, different setting than 5 or 6 or 7, the details are up to you, have some fun!
9. Roll your own shot A, experiment, have fun, don't forget to document what you did!
10. Roll your own shot B, experiment, have fun, don't forget to document what you did!
11. Roll your own shot C, experiment, have fun, don't forget to document what you did!
12. Roll your own shot D, experiment, have fun, don't forget to document what you did!

Workshop post-production activity

1. Create a media folder

When you return to the classroom mount the shared media server. In our class folder you'll find a folder called "Lighting Workshop" In this folder use the folder that corresponds to your team, "Team x".

2. Media ingest

Copy the *entire contents* of your SD card into a folder inside the team folder called "SD Card". Don't pick and choose content simply make a clone of the card.

3. Create a Premiere Pro project to review your footage

In the team folder, create a Premiere Pro project file called "Lighting Workshop" and then import your media into this project.

4. Create and export a highlights sequence

Cut a selects sequence of the best takes from each of the lighting setups you recorded. Show at least six different setups and use the title tools to identify the setups, e.g. "1. Establishing Shot, Exterior" using the numbers from the shot list above. Trim the shots so they are as long as needed to get the point across but no longer. Call the video you export "Team *x* Lighting Workshop Selects" and save it to the same folder that contains your Premiere Pro project.

5. Save a digital copy of your camera log and set diagrams

Include a photo or a scan of your camera log and your lighting setup diagrams created during the production phase and place it in the same folder where you created the Premiere Pro project, name these files "Team *x* Lighting Workshop Log" and "Team *x* Lighting Workshop Set Diagrams" and save it as a PDF, JPEG, or PNG file. You can simply take a photo with your phone if you don't have a PDF scanning app, or simply take a photo with the Sony a7iii of the documents before you import your footage.

6. Reflect (self-directed work after the workshop)

Reflect by asking yourself the following questions. It would be good to do this in writing, but that's totally up to you.

- What went well?
- What did not go so well?
- What might you do differently next time?
- What was it like using the camera in movie/manual mode instead of automatic?
- What does manual allow you do that's hard in automatic mode?
- What was your favorite setup? Why is it your favorite?
- What was your least favorite setup? Why is it your least favorite?
- What does the use of lighting instruments offer you that you can't do with existing light?
- What is the advantage of having ND filters in your kit?