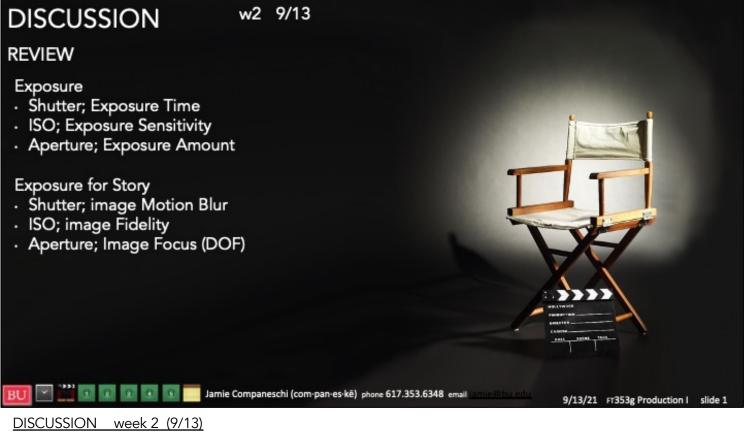
21f 353g Production One

September 13, 2021



REVIEW

- 1. Comprehension
- Shutter; exposure time

Camera shutter set at 180° angle. Camera frame rate set at 24 frames per second. Exposure time is 1/48 of a second. Half (180° is half 360°) the time for each frame.

ISO; exposure sensitivity

Large numeric value is more sensitive w less fidelity and Small numeric value is less sensitive w/more fidelity. Expressed as "speed" with Larger number value being "faster" and Smaller number value "slower"

• Aperture (iris); exposure amount

Large numeric value lets in less light w more focus and Small numeric value lets in more light w less focus. Expressed as "speed" with Larger number value being "slower" and Smaller number value "faster"

- 2. Storytelling
- Shutter; Visually "normal" motion blur.
- ISO; Visually "supports" story theme, feeling, genre.

• Aperture; Visually "supports" story focus, attention, "z" axis depth (foreground, mid-ground, background).

September 13, 2021

CAMERA 1. Set Up and Operation · 24P (23.976) · Shutter Angle (180°)	RECORD SETTINGS frequency: 59.94 Hz (default) TC: NDF (\$9.94Hz/24P specific) bit rate: 24 Mbps LPCM (default) file: AVCHD shutter: 180° color sample: 4:2:0 8bit (internal SD) frame rate: 24P (23.978) compression: MPEG-4 AVC/H.264 4G SDHC ≈ 20min, record time
 ISO (select) Format (media card) 	QUICK SET-UP 1. RESET Default Settings default: MENU → Other Functions → Reset → All Settings date/time: set
2. Lens • FPS c100 Kit 1. focal length 2. speed • Focal Plane	2. SETUP Camera black level: MENU → Camera Setup → ABB → OK (w/body cap on) shutter: MENU → Camera Setup → Shutter → Mode → Angle frame rate: MENU → Other Functions → Frame Rate → 24P
· Focus Assist (MAG Digital Zoom) <u>DEMO</u> · Focus Assist (Peaking) <u>DEMO</u>	3. <u>SELECT</u> ISO ISO/GAIN [®] (<i>ISO values displayed with Function Reset</i>) 4. <u>SELECT</u> Color Temperature
3. Tripod · FPS "medium" tripod	WB© Tungsten(1200K) · Daylight(5400K) · Kelvin* · Custom A · Custom B 5. FORMAT media MENU⊗ → Other Functions → Initialize Media

PICTURE; Camera (c100) week 2 (9/13)

Camera

- 1. c100; TechSheet_Canon(c100)
 - ▶ Quick Set-Up
 - Shutter ^{DEMO} coin spin with high shutter
 - WB; Color Temperature DEMO 3200°K Tungsten vs. 5600°K Daylight
 - ►ISO DEMO low vs. high
 - Focus Assist
 Peaking; reference showing image focus contrast
 Digital Zoom; magnify image on display, NOT on sensor

2. **lens**

- ▶ focal length; frame size, Field of View
- ▶ speed; F stop
- minimal focus; how close can image get to Focal Plane
- ► FPS c100 kit

WIDE; 20mm, f2.8 NORMAL; 50mm, f1.4

TELEPHOTO; 100mm, f2

3. tripod

- sticks/legs
- ▶ spreaders
- ▶pan handle
- ∙head
 - ball base
 - base plate
 - tilt; lock, resistance
 - pan; lock, resistance

REFERENCE

Blackboard; TechSheet_Canon(c100)

Blackboard; Manual_Canon(c100)



1. Picture Reference

- visual reference identifying picture
- audible reference for sync

2. Information

- ▶ PRODUCTION; name of the show
- ROLL; reference multi-cam letter and camera roll # (media card)
- SCENE; reference story scene # and scene shot letter (coverage)
- TAKE; scene take # (version) DO NOT USE LETTERS "I" or "O" FOR ROLL AND SCENE ID.
- DIRECTOR; name of director
- ·CAMERA; name of cinematographer
- •DATE; production day date
- DAY-NIGHT; story daytime or night time (for lighting reference)
- FPS; frame rate of camera (for sync reference)
- MOS-SYNC; scene will sync with sound or has no sound to sync MOS (with out sound)
- MOS fun fact: German director mis-pronounced "with" as "mit"

3. Process for MOS

- 1. with dry erase; fill out slate information
 - Circle MOS and/or write MOS vertically next to take #
 - 1st "shot" for a scene is scene # only, 2nd "shot" for same scene is #A, 3rd "shot" is #B, 4th #C ...
- 2. place slate in frame
- Sticks Closed
- Fill Frame
- In Focus
- 3. start camera (record "rolling")
- 4. remove slate
- 5. director calls "action" actor(s) play out scene director calls "cut"
- 6. stop camera

GREY CARD

1. Exposure Reference