DISCUSSION   week 2 (9/13)

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).

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   DEMO peaking lines
        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

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REFERENCE
   Blackboard; TechSheet_Canon(c100)   Blackboard; Manual_Canon(c100)

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

SLATE

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**