FILM-2680: CINEMATOGRAPHY II

Cuyahoga Community College

Viewing: FILM-2680 : Cinematography II

Board of Trustees:
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Academic Term:
Fall 2020

Subject Code
FILM - Film and Media Arts

Course Number:
2680

Title:
Cinematography II

Catalog Description:
Focus on advanced issues facing directors of photography working both in the studio and on location. Study of current acquisition formats for motion media productions and their limitations vs. advantages. Gain professional level competency in controlling lighting instruments and cameras, to produce desired effects for a variety of productions. Emphasis on use of light, color, picture composition, lens choice and camera movement to communicate a mood or theme, and how the craft of cinematography is used as a storytelling device.

Credit Hour(s):
3

Lecture Hour(s):
2
Lab Hour(s):
3

Requisites

Prerequisite and Corequisite
FILM-2180 Digital Cinematography.

Outcomes

Course Outcome(s):
Demonstrate knowledge and use of stationary and moving camera effects in a studio/ sound stage environment.

Objective(s):
1. Demonstrate competency in set up and operation of track and dolly systems for motion camera work.
2. Operate a doorway dolly for non-track motion camera work.
3. Demonstrate safe and proper operation of camera crane system.
4. Demonstrate safe and proper operation of a camera jib.
5. Design and set lighting grid for a sound stage set.
6. Design and set portable lights for a sound stage set.
7. Describe the roles and responsibilities of all camera department roles.
8. Demonstrate competency in cinema camera operation.

Course Outcome(s):
Use appropriate set protocol when working with multiple production departments.

Objective(s):

1. Demonstrate appropriate behavior and communication when interacting with Art Department, Sound Department and Grip/ Electric department.
2. Demonstrate appropriate behavior and communication when interacting with Producer, Director, and Actors.

Course Outcome(s):

Produce desired effects for stationary and moving camera sequences.

Objective(s):

1. Demonstrate advanced competency in the control depth of field, exposure, focus, camera angle, lens choice and color reproduction.
2. Demonstrate intermediate level competency with location sound recording.
3. Demonstrate advanced competency in the use of available lighting and the use of lighting instruments to shoot on location.
4. Evaluate the intensity and quality of light using tools such as a light meter, color temperature meter, waveform monitor and vectorscope.

Methods of Evaluation:

1. Tests
2. Quizzes
3. Reel

Course Content Outline:

1. Lighting set up
   a. Lighting design as a complement to other thematic design elements
   b. Enhancement of the story, theme, or center of interest
      i. Three point lighting
      ii. Other lighting setups
   c. Application of basic color theory
   d. Effectively communicate a mood or theme through lighting and light modifiers
      i. Scrim
      ii. Flags
      iii. Reflectors
      iv. Key
      v. Fill
      vi. Background lights
      vii. C Standards
      viii. Gels
      ix. Other lighting instruments
2. Set protocol: the role of the Camera Department in relation to other production departments
   a. Art department
   b. Sound department
   c. Grip/ electric
   d. Above the line departments (Producer/Director/Actors)
   e. Combining departments on small-scale shoots
3. Designing and shooting stationary, single-camera sequences
   a. Depth of field
   b. Exposure
   c. Focus
   d. Camera angle
   e. Lens choice
   f. Designing and controlling color reproduction
   g. Adjusting camera settings to affect dynamic range.
   h. How choice of camera and recording format affects the control of the above
   i. Sound recording direct to camera or double system
4. Advanced lighting techniques for a stationary shot

    a. Natural lighting
    b. Location lighting
    c. Grid lighting
    d. Motivated lighting
    e. Practical lights
5. Evaluating the intensity and quality of light
    a. Light meter
    b. Color temperature
    c. Waveform monitor and vectorscope
    d. Histogram
    e. Using an external monitor
6. Designing and shooting sequences in which the camera is in motion
    a. Design and set lighting grid
    b. Design and set portable lights
    c. Set up and operation of track and dolly systems
    d. Safe and proper operation of camera crane system
    e. Safe and proper operation of a camera jib
    f. Focus pulling
    g. Blocking rehearsal

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Resources

Mascelli, Joseph. *The Five C's of Cinematography: Motion Picture Filming Techniques*. Los Angeles: Silman, 2005.

Brown, Blain. *Cinematography: Image Making for Cinematographers, Directors, and Videographers*. 3rd ed. Focal, 2016.

Box, Harry. *Set Lighting Technician's Handbook: Film Lighting Equipment, Practice, and Electrical Distribution.* 3rd. Focal Press, 2013.

Uva, Michael G. *The Grip Book: The Studio Grip's Essential Guide*. 6th. Focal Press, 2018.

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