



## **FTV 122E - DIGITAL CINEMATOGRAPHY**

UCLA School of Theater, Film & Television Summer Institute

**Class:** *See Full Calendar Below for Exact Class Dates/Times*

**Instructor/Contact:** Paul Cannon

**Teaching Assistant/Contact:** TBD

### **COURSE OVERVIEW**

How do you take words and turn them into images? Filmmaking is a visual medium that can reach across languages, cultures, and communities to make an impact.

The goal of FTV 122E is to introduce students to the concepts and practices of cinematography that will help them get their visual voices up on screen, through both a theoretical and hands-on approach. Students will shoot a day and night interior scene. They will develop their pre-production plan, including floor plans, shot lists, and a look book, culminating in the creation of a final 2-minute short film.

Concepts to be explored will include composition, framing, basic lens function/design, lens choice, types of camera movement and equipment, exposure, lighting techniques and equipment, shot design, and collaboration.

**RECOMMENDED READINGS** (available on Amazon):

*The Five C's of Cinematography: Motion Picture Filming Techniques* by Joseph V.

Macelli

*The Camera and I* by Joris Ivens

*The Logic of Images* by Wim Wenders

*The ASC Manual* Edited by Michael Goi, ASC

*Painting With Light* by John Alton, ASC

*Set Lighting Technician's Handbook* by Harry Box

*In the Blink of an Eye* by Walter Murch

*On Filmmaking* by Alexander Mackendrick

**RECOMMENDED CINEMATOGRAPHY APPS/SOFTWARE:**

*Artemis Director's Viewfinder*

*SunSeeker*

*Kodak Cinema Tools*

*Shot Designer*

*Filmic Pro App*

**WEEKLY COURSE SCHEDULE:**

**WEEK #1**

Introduction to Class

Camera Evolution (What is "The Best"?)

Aspect Ratio

Aperture/DOF

ISO/ASA

Shutter Speed/Angle

Waveform  
Color Temperature

Camera Movement

Homework:

Camera & Movement Exercises

**WEEK #2**

Lenses and Lens Choice

Composition/Framing - Rule of Thirds  
Shot Sizes

Homework:

Lens Analysis

**WEEK #3**

Lighting Essentials

Lighting for Story  
Introduction to Lighting/Gels/G&E

Color & Direction

Homework:

Day/Night Interior Lighting Analysis

**WEEK #4**

Coverage

**QUIZ**

Script to Screen

Project Prep - Look Books, Shot Lists, Shot Order

**WEEK #5**                      Lighting Continuity

Individual Group Cinematography Meetings

**WEEK #6**                      Final Project Shoot

Final Screenings

**ADDITIONAL COURSE INFORMATION:**

*Safety is first. Always.*

*Attendance and Participation* are essential to your learning and your final grade, as is *active involvement* in all In-Class Exercises/Mock Shoots. Respect and understanding towards one another is mandatory.

**STATEMENT OF GRADING:**

Below is the weight given to each component of the final grade:

Participation:	25%
Homework:	30%
Final Shoot Preparation:	20%
Camera/Lighting Quiz:	10%
Final Shoot Project:	15%

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Final Course Grade:                      100%

A	(90-100%)
B	(80-89%)
C	(70-79%)
D	(60-69%)
F	( <u>≤</u> 59%)

Please note that **ALL COURSE GRADES ARE FINAL.**

### **ACADEMIC INTEGRITY AND STUDENT CONDUCT:**

With its status as a world-class research institution, it is critical that the University uphold the highest standards of integrity both inside and outside the classroom. As a student and member of the UCLA community, you are expected to demonstrate integrity in all of your academic endeavors. Accordingly, when accusations of academic dishonesty occur, The Office of the Dean of Students is charged with investigating and adjudicating suspected violations. Academic dishonesty, includes, but is not limited to, cheating, fabrication, plagiarism, multiple submissions or facilitating academic misconduct. Plagiarism is a serious offense. It is the presentation of another author's words or ideas as if they were your own. If you have any questions about documentation, quotations, and related matters, please do not hesitate to ask your instructor before submitting you work.

Please also refer to the UCLA Rules of Student Conduct at the below website:

<http://www.deanofstudents.ucla.edu/Student-Conduct>