



## **FTV 75 - Lighting for Film & Television**

UCLA School of Theater, Film & Television - Summer Institute

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

**Instructor/Contact:** Paul Cannon

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**Teaching Assistant/Contact:** TBD

### **COURSE DESCRIPTION & GOALS**

The goal of FTV 75 is to introduce students to the concepts and practices of lighting through both a theoretical and hands-on approach. We will look at specific examples of lighting styles and approaches throughout film history.

Concepts to be explored will include composition, framing, blocking, lens choice, camera movement/placement, exposure, lighting techniques/equipment, shot design, and set protocol. The course will focus on the role of the cinematographer through pre-production, culminating in the lighting and shooting of scenes.

### **REQUIRED EQUIPMENT (Provided):**

Moment Lenses

Tripod

LED Light Kit

China ball

Black wrap

Light stands

Gimbal

*\*Equipment provided is dependent on availability from suppliers.*

**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

**RECOMMENDED CINEMATOGRAPHY APPS/SOFTWARE:**

*Artemis Director's Viewfinder*

*SunSeeker*

*Kodak Cinema Tools*

*Shot Designer*

**WEEKLY COURSE SCHEDULE:**

**CLASS 1**

Lecture:

Crew Positions/Protocol

Camera Fundamentals

Cinematographers & Pre-Production

Lecture/Workshop:

Introduction to Lenses

Introduction to Camera/Lighting Equipment

Homework:

Lens Analysis

**CLASS 2**

Lecture:

Review HW

Camera Movement

Workshop:

Camera Movement & Composition

Homework:

Lens & Camera Movement Exercise

Camera Movement Analysis

**CLASS 3**

Lecture:

Review HW

Lighting Fundamentals & Exposure

Workshop:

Lighting Exercises

Homework:

Lighting Analysis

**CLASS 4**

Lecture:

Review HW

Coverage & Lighting Continuity

Workshop:

Script to Screen

Homework:

Script Analysis

Look Book

Floor Plans

Shot Lists

**CLASS 5**

Lecture:

Individual Meetings

Workshop:

Post Production/Color

**CLASS 6**

Workshop:

Light & Shoot Final Scene

**CLASS 7**

Virtual Demo w/ Rental/Equipment House

Lab:

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 Workshops. Respect and understanding towards one another is mandatory.

## **STATEMENT OF GRADING:**

UCLA has earned a reputation for requiring the highest work ethic. While students are here to learn, they must learn to be professionals.

Do not be late to set - do not be late to class. *15 minutes early is on time.*

Each unexcused absence will result in the loss of a full letter grade. Per University policy, a doctor's note is required in order for any absences to be excused.

More than one failure to arrive on time will result in the loss of a full letter grade. You may ask for an excused late arrival prior to class time for justified reasons. This request might be denied.

Professionalism, Attendance and Participation are large factors in your overall grade. The use of phones is prohibited during labs. Be an active participant, not a passive observer. You will be evaluated based on your openness to learning/constructive criticism, growth, on-set humanity, leadership skills, and quality of work.

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

Lecture Attendance/Participation:	25%
Workshop Attendance/Participation:	25%
Homework:	25%
Final Project:	25%

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Final Course Grade:	100%
A	(90-100%)
B	(80-89%)
C	(70-79%)
D	(60-69%)
F	(< 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 your work.

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

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

**UNIVERSITY OF CALIFORNIA DIVERSITY STATEMENT:**

*Adopted by the Assembly of the Academic Senate May 10, 2006. Endorsed by the President of the University of California June 30, 2006.*

The diversity of the people of California has been the source of innovative ideas and creative accomplishments throughout the state's history into the present. Diversity – a defining feature of California's past, present, and future – refers to the variety of personal experiences, values, and worldviews that arise from differences of culture and circumstance. Such differences include race, ethnicity, gender, age, religion, language, abilities/disabilities, sexual orientation, socioeconomic status, and geographic region, and more.

Because the core mission of the University of California is to serve the interests of the State of California, it must seek to achieve diversity among its student bodies and among its employees. The State of California has a compelling interest in making sure that people from all backgrounds perceive that access to the University is possible for talented students, staff, and faculty from all groups. The knowledge that the University of California is open to qualified students from all groups, and thus serves all parts of the community equitably, helps sustain the social fabric of the State.

Diversity should also be integral to the University's achievement of excellence. Diversity can enhance the ability of the University to accomplish its academic mission. Diversity aims to broaden and deepen both the educational experience and the scholarly environment, as students and faculty learn to interact effectively with each other, preparing them to participate in an increasingly complex and pluralistic society. Ideas, and practices based on those ideas, can be made richer by the process of being born and nurtured in a diverse community. The pluralistic university can model a process of proposing and testing ideas through respectful, civil communication. Educational excellence that truly incorporates diversity thus can promote mutual respect and make possible the full, effective use of the talents and abilities of all to foster innovation and train future leadership.

Therefore, the University of California renews its commitment to the full realization of its historic promise to recognize and nurture merit, talent, and achievement by supporting diversity and equal opportunity in its education, services, and administration, as well as research and creative activity. The University particularly acknowledges the acute need to remove barriers to the recruitment, retention, and advancement of talented students, faculty, and staff from historically excluded populations who are currently underrepresented.

#### **DISABILITY STATEMENT:**

The UCLA Center for Accessible Education (CAE) facilitates academic accommodations for regularly enrolled, matriculating students with documented permanent and temporary disabilities. Accommodations are designed to promote successful engagement in the UCLA academic experience. The CAE is committed to ensuring all UCLA students can participate fully in the numerous educational opportunities on our campus. If you need academic accommodations based on a



qualifying disability, please visit the CAE website, <http://www.cae.ucla.edu/>, which explains how to get started with CAE and to request services. CAE administrative offices are at A255 Murphy Hall, and their phone number is (310) 825-1501. The CAE administrative office is open Monday-Friday, 8AM-5PM.