

Patrick Wimp
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DC 275

Summary

This course is an intensive exploration of the craft, technologies and aesthetic principles of cinematography and lighting techniques for motion picture and digital video production. Lectures and in-class demonstrations will cover film and video formats, film, HD, DSLR, and digital cinema cameras and accessories.

Students will understand exposure, lenses and optics, lighting units, lighting placement, lighting control, camera support, and camera movement. All class sessions will consist of lectures, demonstrations, “hands on” with cameras and lighting units, exercises, and screenings of selected film and video clips which demonstrate specific cinematography and lighting techniques.

PREREQUISITE(S): None.

Texts

Cinematography: Theory and Practice, Blain Brown

Grading

- Attendance/Participation: 10%
- Scene Analysis: 10%
- Camera Assignment: 10%
- Lighting Assignment: 20%
- Camera Movement and Lighting Assignment: 20%
- Final Production Assignment: 30%

Prerequisites

None.

Learning Outcomes

1. Students will gain basic and intermediate knowledge in key elements of cinematography; including lighting, camera and lens selection, exposure, and visual storytelling.
2. Students will be able to comment on the relationship between

cinematography and storytelling.

3. Students will be able to combine cinematographical technique with artistic goals to enhance current and future film projects.

How Learning Outcomes Will Be Met

Through a series of lectures, discussions, and exercises students will be introduced to the formal art of cinematography

1. They will learn hands on with the instructor through in class workshops how to operate equipment.
2. Students will complete 3 production assignments focused on a specific facet of cinematography.
3. Students will write about the visual techniques utilized in a professional work and how they enhance the story elements.
4. Students will combine all cinematographic skills in a final short film.

Course Objectives

By the end of the term students will

- Demonstrate an understanding of the fundamentals of cinematography
- Demonstrate an understanding of the exposure triangle and how to control exposure technically.
- Develop the ability to control lighting, camera movement, shot selection, and lens choices, to shape mood within a scene.

WEEK 1

Introduction, organization, assignments

Lecture: A brief history of film/video technology, film formats

Lecture: Video Cameras, basic video technology, video formats. The DSLR phenomena.

Assignment 1 Handout

WEEK 2

Lab: Hands on Canon 7d cameras, tripods, accessories

Reading: Brown "Video and High Def" pp. 193-212

Lecture: Lenses – Focal length, f-stop, Focusing

Reading: Brown "Optics" pp. 177-192, "Exposure" pp. 103-126

WEEK 3

Assignment 1 Due.

Lecture: Lenses - Depth of Field, Composition.

Lab: Hands on JVC 700, Canon C100

Lecture: Electrics, basic lighting units, lighting control, Lighting set-ups.

Reading: Brown "The Tools of Lighting" pp. 141-156

WEEK 4

Lecture: Color Temperature and Lighting

Assignment 2 Handout/Meeting

Lab: Lighting Hands On

Read: Color Theory

WEEK 5

Lab: Lighting Intensive 2

Lecture: Camera Movement

Read: Brown 1st 5 Chapters Pg 1-10

WEEK 6

Screening Assignment 2

Lab: Dollies and Special Equipment

Assignment 3 Handout/Meeting

WEEK 7

Lecture: Set Procedure and Roles

Screening: Visions of Light

WEEK 8

Screen Assignment 3

Assign Final Project – Cumulative Exercise

Lecture: Tips and Tricks

WEEK 9

Lab: Red Epic or Arri Alexa

Lecture: Emerging technologies and new camera systems

Group Meetings for Final Projects

WEEK 10

Screening: TBD

Lecture: Working Professionally

WEEK 11

Final Project Screening

College Policies Online Course Evaluations

Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to continue to provide you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is completely separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Students complete the evaluation online

in [CampusConnect](#).

Academic Integrity and Plagiarism

This course will be subject to the university's academic integrity policy. More information can be found at <http://academicintegrity.depaul.edu/>. If you have any questions be sure to consult with your professor.

Academic Policies

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the [University Academic Calendar](#). Information on enrollment, withdrawal, grading and incompletes can be found at: cdm.depaul.edu/enrollment.

Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential. To ensure that you receive the most appropriate accommodation based on your needs, contact the

instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at: csd@depaul.edu.

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