

USC SCA CTPR 537 INTERMEDIATE CINEMATOGRAPHY

Fall 2014

2 units

Prerequisites: CTPR-508 or CTAN-547

INSTRUCTOR: Linda J. Brown

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PHONE: 562-439-1951 H 310-403-9086 C

DAY: Thursday

TIME: 1:00-4:50 pm

LOCATION: SCC Stage 3

OFFICE: SCA 409 HOURS: Tuesday PM & Thursday AM (by appoint.)

BLACKBOARD: <http://www.usc.edu/its/blackboard.html>

SA: Eva Ye

EMAIL: eyip8899@gmail.com

PHONE: 410-948-6167

Athletic shoes and long pants MUST be worn to all Cinematography classes, when picking up and returning equipment. No open toed or dress shoes will be permitted. If you come to class dressed inappropriately, you will be asked to leave and marked absent.

Please note our final class is Thursday, December 11th. All students are required to attend class and screen their final assignment that day.

OVERVIEW

Welcome to CTPR 537. This class will introduce you to 16mm film stocks, intermediate lighting principles and further your understanding of digital video capture. Classes will consist of lectures, demonstrations, and in-class exercises in which students will serve in a variety of crew positions.

COURSE OBJECTIVES

- To further the student's understanding and appreciation of the art and craft of cinematography
- to enhance the effectiveness of visual storytelling
- to develop the student's problem solving abilities

COURSE REQUIREMENTS AND GRADES

Required Reading 1) The class packet, available on Blackboard, contains A) LECTURES- the class notes which outline the weekly lectures and allow you to actively listen instead of taking notes, B) ARTICLES- pertinent to the class, C) ASSIGNMENTS- information to explain and assist you with the semester assignments, D) GUIDELINES- related to set protocol, E) CAMERA MECHANICS- information related to the use of film and digital cameras, F) CHARTS, LISTS & OTHER INFORMATION- various supplemental materials, i.e., depth of field charts, light meter information, etc. , G) CAMERA MANUALS.

The class text is Voice & Vision by Mick Hurbis-Cherrier, (Reading assignments based on 2nd edition). There are numerous tutorials listed on blackboard that you may find helpful.

GRADING

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Grading is based on a combination of both objective and subjective criteria. However, the larger percentage of your final grade does come from the latter. Therefore, it is imperative that you understand what is expected from you in this class. If at any time you are wondering how you are progressing, please arrange a meeting with me to discuss your status.

- | | |
|-----|---|
| 10% | Still Assignment |
| 30% | Final assignment including a one page summary & self critique, due the day of screening. (This exercise must be proposed by you and approved by me.) |
| 20% | Test (30-40 multiple choice questions) |
| 30% | Crew performance during “in class” exercises. Throughout the semester you will be assigned rotating crew positions on specific lighting and shooting exercises. Your performance will be evaluated on preparedness, (bring all necessary equipment & supplies), collaboration, efficiency, respect for crew and equipment, and problem solving ability. |
| 10% | Class participation. You need to “be there” mentally as well as physically. |

Attendance is not optional. 1) You must discuss all absences and latenesses from class with me. 2) Absence or lateness will be categorized as excused or unexcused. An absence or lateness is considered excused if you discuss it with me and have a note from an authority. All medical absences require a visit and note from a doctor.

Unexcused absence will alter your final grade in the following way: (Examples assume you earn an A.)

One absence will result in your final grade dropping one portion of a grade, i.e., from A to A-.

Two absences will result in your final grade dropping two portions of a grade, i.e. from A to A- (one), to B+ (two portions of a grade).

Three absences will result in your final grade dropping three portions of a grade, i.e. from A to A- (one), to B+ (two), to B (three portions of a grade). And so on...

Unexcused lateness will alter your final grade in the following way: (Examples assume you earn an A.)

One lateness will not count against you, it's LA.

Two will result in your final grade dropping one letter portion of a grade, i.e. from A to A-.

Three will result in your final grade dropping by two portions of a grade, i.e., from A to A-

(one), to B+ (two portions of a grade).

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Four will result in your final grade dropping three portions of a grade, i.e. from A to A- (one) to B+ (two), to B (three portions of a grade). And so on...

If you arrive late, you MUST come to me during a break and let me know you are present. Please don't assume I saw you arrive. If you fail to do so, you may be marked absent.

ASSIGNMENTS

There are two class assignments, 1) a still assignment (due mid semester) and 2) a final HD assignments (due at the end of the semester).

REQUIRED COURSE EQUIPMENT

- a digital or analogue still camera (the quality does not matter, you can use the camera in your smart phone)
- a small flash light

OPTIONAL COURSE EQUIPMENT

- a light meter---There are a few available from the equipment center BUT I highly recommend you purchase your own if you are serious about learning to use one.
- A DSLR camera and 18% grey card.

STUDENTS WITH DISABILITIES

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained from DPS. Please be sure the letter is delivered to me within in the first two weeks of the semester. DPS is located in STU301, and is open 8:30 AM until 5:00PM, Monday through Friday. Their number is 213-740-0776.

STATEMENT ON ACADEMIC INTEGRITY

USC seeks to maintain an optimal learning environment. General principles of academic honesty include the concept of respect for the intellectual property of others, the expectation that individual work will be submitted unless otherwise allowed by an instructor, and the obligations both to protect one's own academic work from misuse by others as well as to avoid using another's work as one's own. All students are expected to understand and abide by these principles. Scampus, the Student Guidebook, contains the Student Conduct Code in Section 11.00, while the recommended sanctions are located in Appendix A:

<http://www.usc.edu/dept/publications/SCAMPUS/gov/>. Students will be referred to the Office of Student Judicial Affairs and Community Standards for further review, should there be any suspicion of academic dishonesty. The Review process can be found at: <http://www.usc.edu/student-affairs/SJACS/>.

537 WEEKLY BREAKDOWN

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**Voice & Vision
Text (based on 2nd ed.)**

Week	Topics	Blackboard Content	Text (based on 2 nd ed.)
1	Hand out syllabus		p.281-287
8/28	Function of Light Properties of Light: Angle & Quality silks, bounce & diffusion	LECTURES- Properties of Light: Angle & Quality	p.272-75
	Discuss Light Meters	CHARTS, LISTS & OTHER INFO. - Light Meter Information	p.165-179
	Intro. Arri SR2-practice building & loading http://cinematography-howto.wonderhowto.com/how-to/load-arriflex-srii-magazine-249348/	MANUALS- Arri SR2	
	Labeling Mags, and Various Film Cans	GUIDELINES- For Labeling Mags, and Various Film Cans	

SA- Syllabus, 2Arri SR2 packages with 2 tripods & 2 black bags.

2	Quiz		
9/4	Properties of Light: Quantity: FC vs F/stop worksheet Inverse Sq. Law Screen Eternal Sunshine, & Off the Map, The Natural How to Use a Light Meter How to Fill in a Camera Report Stage Check out (Stephen Goepel)	LECTURES - Properties of Light: Quantity ARTICLES-Spotless Filmmaking LECTURES- How to Use a Light Meter GUIDELINES- For Filling in a Camera Report	p.287-301 p.253-267

SA- 2Arri SR2 packages with 2 tripods & 2 black bags, 2 changing tents, as many light meters as possible. USC camera reports for each student, copies of Quiz #1, copies of FC vs F/stop worksheet.

Students- Light meter, or DSLR camera & 18% grey card, flash light.

3	Quiz	LECTURES-	p.275-280
9/11	Properties of Light: Color Intro. To F5 Electricity Stage distro	Properties of Light: Color LECTURES- Electricity	 p.391-394

SA- Sony F 5 package & tripod, copies of Quiz #2

Students- Flash light.

Week	Topics	Black Board Content	Text Book
4	Quiz		
9/18	Review of C-stands, nets, flags Review lighting ratios Review incident vs reflected meters Intro what is a histogram & vectorscope	LECTURES- Comparing Film & Video Terms	p.180-217
	Shoot In-class exercise w/ Linda as Cinematographer		
SA-	1 Arri SR2 packages with 1 tripods, 1 changing tent, 2 black camera bags, & 1 Sony F-5 package. ND.6 filter for F-5, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip. VAULT ORDER-one 100 ft. roll of Kodak 7219 (500T)		
Students-	light meter, flash light.		
5	Quiz		
9/25	Screen In-class exercise Lenses: focal length, f/stops Screen Fallen Angel, Holy Smoke, 12 Angry Men Shoot In class exercise (1)	LECTURES- Do Lenses Have Personalities? Position or Angle of Lens Focal Length Aperture	p.221-227 p.229-233
	http://provideocoalition.com/index.php/freshdv/story/video_tutorial_understanding_depth_of_field/	ARTICLES- Angels & Lenses - 12 Angry Men & Lenses	
SA-	1 Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package. Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip.		
Students-	light meter, flash light.		
6	Quiz		
10/2	Screen In-class exercise & still assignments Lenses: Focus, Depth of Field Practice pulling focus on video camera	LECTURES- Focus, (depth of field)	p.227-229 p.233-240
	Shoot In class exercise (2)	http://provideocoalition.com/index.php/freshdv/story/freshdv_film_school_art_of_focus/	
SA-	1 Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package. 2 black camera bags, Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip.		
Students-	light meter, flash light, Still assignment & worksheets are due.		

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Text Book

Week	Topics	Black Board Content	
7	Quiz		
10/9	Screen In-class exercise & still assignments Introduce use of dolly Shoot In-class exercise (3)	MANUALS- PeeWee Dolly Manual	p.241-251
SA-	1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package, adaptor kit to place fluid head on the dolly. (Must be Bogen Head to work with adaptor kit), Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip, dolly track.		
Students-	Flash light, light meters, Still assignment & worksheets are due		
8	Screen In-class exercise & still assignment		p.363-378
10/16	Kino Flo Demo Shoot In-class exercise (4)		
SA-	Kino package, 1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package, adaptor kit to place fluid head on the dolly. (Must be Bogen Head), Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip.		
Students-	Flash light, light meters, Still assignment & worksheets are due.		
9	Screen In-class exercise		
10/23	Mid Term Test 30 to 40 multiple choice questions Shoot In-class exercise (5)		
SA-	1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package. Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip.		
Students-	Flash light, light meters.		
10	Screen In-class exercise	ARTICLE-Matching Reverses	p.329-344
10/30	& still assignments How to shoot Matching Reverses Introduce use of HMI's & 12x12 Shoot day exterior (Linda as cinematographer)	and Eyeline	p.73-80 p.200-294
SA-	1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package., The following filters: 85, ND 3, 6 & 9 & Sky Blue grads 1 & 5, Chocolate 6, BPM 1, 12 x 12 frame set and 2 med. rolling stands plus solid, silk, & single net, Polito board & bracket.		
Students-	Flash light, light meters.		

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Week	Topics	Black Board Content	Text Book
11	Screen In-class exercise	ARTICLES-Light Meter? But I'm Shooting Digital...	
11/6	Show how to Rate a Digital Camera Shoot In-class exercise (6)	-How to Determine the ISO (ASA) of the EX1 MANUALS- Sony EX1	
SA-	1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package, Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip, DVD & dv cam playback with.		
Students-	Flash light, light meters. SIGN UP FOR EQUIPMENT FROM PEC FOR FINAL HD ASSIGNMENT		
12	Screen In-class exercise		
11/13	Topic Open Shoot In- class exercise (7)		
SA-	1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package, Sony EX1 package & tripod, Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip.		
Students-	Flash light, light meters. SIGN UP FOR EQUIPMENT FROM PEC FOR FINAL HD ASSIGNMENT		
13	Discuss Final Assignment		
11/20	Screen In-class exercise Topic Open Shoot In- class exercise (8)		
SA-	1Arri SR2 packages with 1 tripods, 1 changing tents, 2 black camera bags, & 1 Sony F-5 package. Intermediate lighting kit, 1 Mini-Mole light, diffusion set, barndoors & mole pac stand, 2 bead board holders, 1 platypus, 1 cardellini clamp, 1 mafer clamp, 1 gator grip.		
Students-	Flash light, light meters. SHOOT FINAL HD ASSIGNMENT		
14	THANKSGIVING BREAK		
11/27			
15	Field trip		
12/4			
Students-	SHOOT FINAL HD ASSIGNMENT		
16	FINAL CLASS		
12-11	Optional Final –SCREEN FINAL HD ASSIGNMENTS		
SA-	Prep final projects for projection.		
Students-	EMAIL YOUR SUMMARY/SELF-CRITIQUE TO THE CLASS.		