

USC SCA CTPR 537 INTERMEDIATE CINEMATOGRAPHY

Fall 2015

2 units

Prerequisites: CTPR-508 or CTAN-547

INSTRUCTOR: Gary Wagner

EMAIL: gwagner_cinematog@yahoo.com

PHONE: 562-491-3441 H 310-339-9626 C

DAY: Thursday

TIME: 1:00-4:50 pm

LOCATION: SCC Stage 3

OFFICE: SCA 410 HOURS: Tuesday AM (by appoint.) & Thursday PM (by appoint.)

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

SA: Jonathan Juntado

EMAIL: jjuntado@gmail.com

PHONE: (650) 922-4910

Please note our final class is Thursday, Dec. 10th. 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, the Sony F5 camera, professional light meters, and intermediate lighting principles. Classes will consist of lectures, demonstrations, and in-class exercises in which students will serve in a variety of crew positions.

Athletic shoes and long pants MUST be worn to all Cinematography classes, when picking up and returning equipment. No open toed, dress shoes, shorts, skirts or dresses will be permitted. If you come to class dressed inappropriately, you will be asked to leave and may return when dressed for a work environment.

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) EQUIPMENT MANUALS.

The class text is Voice & Vision by Mick Hurbis-Cherrier, (Reading assignments based on 1st edition).

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).

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 (the type that allows the flashlight globe to be exposed, i.e., freestanding candle mode of mag light). The led mini mag light works well. <http://maglite.com/shop/mini-maglite-led-2-cell-aaa-flashlight.html#.VKseACjALjQ>

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.

ACADEMIC CONDUCT

Plagiarism - presenting someone else's ideas as your own, either verbatim or recast in your own words - is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in *SCampus* in Section 11, *Behavior Violating University Standard* <https://scampus.usc.edu/1100-behavior-violating-university-standards-and-appropriate-sanctions/>. Other forms of academic dishonesty are equally unacceptable. See additional information in *SCampus* and university policies on scientific misconduct, <http://policy.usc.edu/scientific-misconduct/>.

Discrimination, sexual assault, and harassment are not tolerated by the university. You are encouraged to report any incidents to the *Office of Equity and Diversity* <http://equity.usc.edu/> or to the *Department of Public Safety* <http://capsnet.usc.edu/department/departement-public-safety/online-forms/contact-us>. This is important for the safety whole USC community. Another member of the university community - such as a friend, classmate, advisor, or faculty member - can help initiate the report, or can initiate the report on behalf of another person. *The Center for Women and Men* <http://www.usc.edu/student-affairs/cwm/> provides 24/7 confidential support, and the sexual assault resource center webpage sarc@usc.edu describes reporting options and other resources.

SUPPORT SYSTEMS

A number of USC's schools provide support for students who need help with scholarly writing. Check with your advisor or program staff to find out more. Students whose primary language is not English should check with the *American Language Institute* <http://dornsife.usc.edu/ali>, which sponsors courses and workshops specifically for international graduate students. *The Office of Disability Services and Programs* http://sait.usc.edu/academicsupport/centerprograms/dsp/home_index.html provides certification for students with disabilities and helps arrange the relevant accommodations. If an officially declared emergency makes travel to campus infeasible, *USC Emergency Information* <http://emergency.usc.edu> will provide safety and other updates, including ways in which instruction will be continued by means of blackboard, teleconferencing, and other technology.

537 WEEKLY BREAKDOWN

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Voice & Vision

Week	Topics	Blackboard Content	Text (based on 1st ed.)
1	Hand out syllabus		p.248-255
8-25	Function of Light Properties of Light: Angle & Quality silks, bounce & diffusion	LECTURES- Properties of Light: Angle & Quality	p.239-242
	Intro. Arri SR2-practice building & loading	CHARTS, LISTS & OTHER INFO. - MANUALS- Arri SR2	p.139-154
	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, laptop & DVD playback with 50 inch monitor		

2	Quiz		
9-1	Properties of Light:	LECTURES - Properties of Light: Quantity	p.255-270
	Discuss Light Meters	ARTICLES-Spotless Filmmaking Light Meter Information	
SA-	2Arri SR2 packages with 2 tripods & 2 black bags, 2 changing tents, as many light meters as possible, Laptop & DVD playback with 50 inch monitor, 8 light meters, USC camera reports for each student, copies of Quiz #1, copies of FC vs F/stop worksheet.		

Students - Light meter, flash light.

3	Quiz	LECTURES-	p.242-248
9-8	Inverse Sq. Law Quantity: FC vs F/stop worksheet		
	Properties of Light: Color	Properties of Light: Color	p.260-266
	How to Use a Light Meter	LECTURES- How to Use a Light Meter	p.223-230
	How to Fill in a Camera Report	GUIDELINES- For Filling in a Camera Report	
	Grip Equipment		
	Stage distro		
SA-	8 light meters, USC camera reports for each student, copies of FC vs F/stop worksheet. Copies of Quiz #2		

Students - Flash light.

4	Quiz		
9-15	Review of C-stands, nets, flags Review lighting ratios Review 3 point lighting Review incident vs reflected meters Intro. To F5 Shoot In-class exercise w/ Linda as Cinematographer		
SA-	Sony F5 package & tripod, laptop & DVD playback with 50 inch monitor, 1Arri SR2 package with 1 tripod, 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, laptop playback with 50 inch monitor. VAULT ORDER-one 100 ft. roll of Kodak 7219 (500T),		

Students - light meter, flash light.

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Week	Topics	Black Board Content	Text Book
5	Quiz		
9-22	Screen In-class exercises & still assignments	LECTURES- Lenses: focal length, f/stops Do Lenses Have Personalities? Position or Angle of Lens Focal Length Aperture	p.193-199 p.201-203
	Shoot In class exercises (1)	http://provideocoalition.com/index.php/freshdv/story/video_tutorial_understanding_depth_of_field/	
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 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, laptop , DVD & dv cam playback with 50 inch monitor.		
Students - light meter, flash light. Still assignment & worksheet are due.			
6	Quiz		
9-29	Screen In-class exercises & still assignments	LECTURES- Lenses: Focus, Depth of Field Practice pulling focus on video camera	p.200 p.203-207
	Shoot In class exercises (2)	http://provideocoalition.com/index.php/freshdv/story/freshdv_film_school_art_of_focus/	
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 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, laptop, DVD & dv cam playback with 50 inch monitor.		
Students - light meter, flash light, Still assignment & worksheets are due.			
7	Quiz		
10-6	Screen In-class exercises & still assignments	The Exposure Triangle	p.211-221
	Introduce use of dolly Shoot In-class exercises (3)	MANUALS- PeeWee Dolly Manual	
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 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, dolly track (if available) laptop, DVD & dv cam playback with 50 inch monitor.		
Students - Flash light, light meters, Still assignment & worksheets are due			

537 WEEKLY BREAKDOWN

Week	Topics	Black Board Content	Text Book
8	Screen In-class exercises		p.329-344
10-13	How to shoot Matching Reverses		p.247-248
	Shoot In-class exercises (4)		p.258-260
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 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, dv cam playback with 50 inch monitor.		
Students - Flash light, light meters.			
9	Screen In-class exercises		
10-20	Mid Term Test - 30 to 40 multiple choice questions		
	Introduce use of HMI's & 12x12		
	Shoot day exterior (Gary as cinematographer)		
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 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, laptop, DVD & dv cam playback with 50 inch monitor.		
Students - Flash light, light meters.			
10	Intro. to Video & waveform monitor	LECTURES- Comparing	p.169-192
10-27	Compare film & video	Film & Video Terms	p.208-210
	Shoot in class exercises (5)		p.230-236
			p.281-284
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 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 50 inch monitor.		
Students - Flash light, light meters.			
11	Screen In-class exercises		
11-3	Kino Flo Demo		
	The Relationship between F/stop & ASA (ISO) Worksheet		
	Shoot In-class exercises (6)		
SA-	1Arri SR2 package with 1 tripod, 1 changing tent, 2 black camera bags, & 1 Sony F-5 package, 8 light meters, The Relationship between F/stop & ASA (ISO) Worksheet, 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 50 inch monitor.		
Students - Flash light, light meters. SIGN UP FOR EQUIPMENT FROM PEC FOR FINAL HD ASSIGNMENT			

Week Topics

Black Board Content

Text Book

12 Screen In-class exercises

11-10 Show how to Rate a Digital Camera
Shoot In- class exercises (7)

SA- 1Arri SR2 package with 1 tripod, 1 changing tent, 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, DVD & dv cam playback with 50 inch monitor.

Students - Flash light, light meters. SIGN UP FOR EQUIPMENT FROM PEC FOR FINAL HD ASSIGNMENT

13 Discuss Final Assignment

11-17 Screen In-class exercises
Shoot In- class exercises (8)

SA- 1Arri SR2 package with 1 tripod, 1 changing tent, 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 50 inch

Students - Flash light, light meters. SHOOT FINAL HD ASSIGNMENT

14 Discuss Final Assignment

11-24 Screen In-class exercises
Review and cover any additional material.

Students - SHOOT FINAL HD ASSIGNMENT

15 Field trip

12-1 Foto-Kem, Burbank – Telecine session

Students - SHOOT FINAL HD ASSIGNMENT

16 FINAL CLASS

12-15 SCREEN FINAL HD ASSIGNMENTS

Optional Final

SA- Laptop or someway to playback final assignments.

Students - EMAIL YOUR SUMMARY/SELF-CRITIQUE TO THE CLASS.