Overview
Welcome to CTPR 537. This class will introduce you to 16mm film camera and stocks, lighting principles and review your understanding of digital video capture. Classes will consist of demonstrations, and in class exercises in which students will serve in a variety of crew positions. The course will be taught using an 16mm motion picture camera (Arri SR2) and one Hi Def capture camera (Sony F5). The course covers also a lab fee, as well as a grip / lighting package. It is recommended that you provide a hard drive for your digital files.

Course Objective
• 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

Assignments
There are two class assignments,
1) A still assignment - visual story in 6-8 stills (due mid semester)
2) A final HD/film project 4-7 minutes long. (due at the end of the semester).

REQUIRED COURSE EQUIPMENT
• A digital or analogue still camera (the quality does not matter)
• A small flash light (recommended with the removable top)

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.
• A ditty bag
Required Readings
Title: Voice & Vision: A creative approach to narrative film and DV production
Author Mick Hurbis-Cherrier

Recommended Readings
Title: New Cinematographers
Author: Alexander Ballinger
ISBN: 1856693341
Publisher: Harpers Design International
Title: Matters of Light & Depth
Author: Ross Lowell
ISBN: 0966250400
Publisher: Lower Light Management
Title: Cinematography
Author: Kris Malkiewicz
ISBN: 074326438X
Publisher: Simon & Schuster

Recommended links - Internet
Roger Deakins ASC, BSC Blog http://www.rogerdeakins.com/
No Film School – http://nofilmschool.com/
YOUTUBE
http://www.youtube.com/watch?v=DhhnFP1GWHI&list=LL4IcW
HXLNh6yCIxMWhvMFw&feature=mh_lolz
Conrad Hall
http://www.youtube.com/watch?v=bxKWS0_2a5E
http://www.youtube.com/watch?v=mas4zNdBhzo
Roger Deakins
http://www.youtube.com/watch?v=5hzIDmlE0wA
http://www.youtube.com/watch?v=v0-dXh_IsiQ
http://www.youtube.com/watch?v=CzinPgsxokE
http://www.youtube.com/watch?v=_x6ACOMVRs4
Skyfall
http://www.youtube.com/watch?NR=1&v=5Lh69p5g13Q

Recommended Film
“Visions of Light” - Dir Todd McCarthy, Arnold Glassman
Equipment: A small ditty bag (bring these to every class)
See the above page for a review of what a minimal ditty will entail.
A DSLR camera is optional but strongly advised.

Grading: 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.

20% Photo Module. Student selects from module alternatives and presents 6-8 images in class.

20% Final assignment including a one page summary & self-critique, due the day of screening. (This exercise must be proposed by you, discussed and approved by me ahead of time.)

40% 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. There will be 1 project opportunity for each student to DP a project.

20% Class participation. You need to “be there” mentally as well as physically.

Attendance is not optional! You must discuss all absences and lateness’s from class with me. 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 personal doctor or visit to the USC student health center. Please sign the release form giving them permission to discuss your visit with me.

Unexcused absence will alter your final grades as follow: (Examples: assume you earn an A.)
1 absence will result in your final grade dropping one portion of a grade, i.e., from A to A-. 2 absences will result in your final grade dropping two portions of a grade, i.e. from A to B+. 3 absences will result in your final grade dropping three portions of a grade, i.e. from A to B Unexcused lateness will alter your final grade as follow: (Examples assume you earn an A.)
1 lateness will not count against you, it’s LA. 2 will result in your final grade dropping one letter portion of a grade, i.e. from A to A-. 3 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). 4 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
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 Standards [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/department-public-safety/online-forms/contact-us]. This is important for the safety of the 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](mailto: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.
1 01/13  Syllabus, review course objectives, Review safety Prep and learn Arri 16mm cameras. Loading, build, prep, load procedures. labeling magazines and cans. How to fill in camera report.

SA  01/13  Syllabus, AV- Monitor w/DV-Cam deck, 50” monitor, computer, 4 Arri SR Packages, (4 100ft test rolls to learn loading)

2 01/20  Intro to Sony F5 Camera. Digital 35mm sensor. Camera set up and recording options Handling the digital files, understanding the digital flow. Meter reading. Incident & Spot. Histogram as a light meter. Differences -film 16mm vs. digital capture How to rate digital camera. Importance of the gray card. Shoot demo.

SA- 01/20  AV- Monitor w/DV-Cam deck, computer, 50” monitor 1 Arri SR Package, 7219T 2-100ft rolls, 1 Sony F5 package


SA- 01/27  AV- Monitor w/DV-Cam deck, computer, 50” monitor 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 Package with monitor. Kinoflo package, China Bowl, Mole Lighting kit.

4 02/03  BOOT CAMP II –Introduction to PeeWee dolly. Setting up a dolly move. Leveling the tracks. Setting 6x6 and 12x12 diffusion and bounce. Use of flags, nets and diffusions Discus and demo difference of the depth of field on both cameras. Focus pulling.

SA- 02/03  AV- Monitor w/DV-Cam deck, computer, 50” monitor 1-Arri SR Package, 1-100ft roll of 7207D, 1 roll of 7213T & 1 Sony F5 Package with monitor. Adapter for PeeWee dolly Bring Paperwork for the production numbers.

Exercise cycle begins - Total of 2 projects shot each class. 2.5 hours with wrap. These projects are shot on stage with rotating crews. Each project will be shot on film and using digital capture. In this cycle, the project content is derived from a reference image, either from a film still or the reproduction of a painting or photograph. Each DP has 2 &1/2 hours to complete the work. You must submit an idea via e-mail no later that Sunday 2 pm before the shoot. All students will arrive with the printed out image they are working with (or on your laptop). Select a series of cinematic elements that you are working with. DP can select lab work (pull/push/normal). Art direction, wardrobe and props are all required for success in these exercises. Actors for those exercises are highly recommended
5 02/10  Review and discussion of footage shot previous week.
Weekly topic on cinematography – Lighting a human face for beauty or effect
(Students might also present topics to discuss)
Presentation of the 2 projects to be shot. Each student due to shoot the project has to have a plan with an overhead drawing to explain how he/she is intending to proceed
Total of 2 projects shot each class - 2.5 hours with wrap

SA- AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 Package with monitor. Dolly tracks. Adapter for PeeWee dolly

6 02/17  Review and discussion of footage shot previous week.
Weekly topic on cinematography – Basic decisions and solutions for shooting exterior.
(Students might also present topics to discuss)
Presentation of the 2 projects to be shot. Each student due to shoot the project has to have a plan with an overhead drawing to explain how he/she is intending to proceed
Total of 2 projects shot each class - 2.5 hours with wrap

SA- AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 Package with monitor. Dolly tracks, 6x6 and 12x 12 frames with rags. Sash cord. Adapter for PeeWee dolly

7 02/24 Review and discussion of footage shot previous week.
Discussion on Mid Term Presentation Projects due in 2 weeks
Presentation of the 2 projects to be shot. Each student due to shoot the project has to have a plan with an overhead drawing to explain how he/she is intending to proceed
Total of 2 projects shot each class - 2.5 hours with wrap

SA- AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 Package with monitor. Dolly tracks. Adapter for PeeWee dolly

8 03/03 Review and discussion of footage shot previous week.
Weekly topic on cinematography – Creating three-dimensional space through lighting. (Students might also present topics to discuss)
Presentation of the 2 projects to be shot. Each student due to shoot the project has to have a plan with an overhead drawing to explain how he/she is intending to proceed
Total of 2 projects shot each class - 2.5 hours with wrap

SA- AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 Package with monitor. Dolly tracks. Adapter for PeeWee dolly
9  03/10  Midterm presentations – Photo Essay presentation. 
In addition there will be a presentation of ideas for the final projects that each student 
will be required to shoot a final project. Everyone is required to obtain a production 
number. 2 students may share one production number & equipment with another 
member of the class. The film is shot outside the class and can be part of collaboration 
with a directing project. **All 16 projects will be screened the final day of class May12.** 

SA-  AV- Monitor w/DV-Cam deck, computer, 50” monitor, 

03/16/2015 – 03/21/2015 SPRING BREAK 

10  03/24  Review and discussion of footage shot previous week. 
**Weekly topic on cinematography** – Staging a “Mise en Scene” Importance of 
composition. (Students might also present topics to discuss.) 
Presentation of the 2 projects to be shot. Each student due to shoot the project has to 
have a plan with an overhead drawing to explain how he/she is intending to proceed 
**Total of 2 projects shot each class** -2.5 hours with wrap 

SA-  AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 
Package with monitor. Dolly tracks. Adapter for PeeWee dolly 

11  03/31  Review and discussion of footage shot previous week. 
**Weekly topic on cinematography** – Matching lighting from wide shot to CU. 
(Students might presents topics to discuss) 
Presentation of the 2 projects to be shot. Each student due to shoot the project has to 
have a plan with an overhead drawing to explain how he/she is intending to proceed 
**Total of 2 projects shot each class** -2.5 hours with wrap 

SA-  AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 
Package with monitor. Dolly tracks. Adapter for PeeWee dolly 

12  04/07  Review and discussion of footage shot previous week. 
**Weekly topic on cinematography** – Lighting and exposure for “night interior” part 1. 
(Students might also present topics to discuss) 
Presentation of the 2 projects to be shot. Each student due to shoot the project has to 
have a plan with an overhead drawing to explain how he/she is intending to proceed 

SA-  AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 
Package with monitor. Dolly tracks. Adapter for PeeWee dolly
Review and discussion of footage shot previous week.

**Weekly topic on cinematography** – Lighting for “night interior” part 2

Students might present topics to discuss

Presentation of the 2 projects to be shot. Each student due to shoot the project has to have a plan with an overhead drawing to explain how he/ she is intending to proceed.

**Total of 2 projects shot each class** - 2.5 hours with wrap

SA- AV- Monitor w/DV-Cam deck, 1-Arri SR Package, 2-100ft rolls of 7219T & 1 Sony F5 Package with monitor. Dolly tracks. Adapter for PeeWee dolly

**04/21** Discussion of the ideas and proposals for the final project.

Review and discussion of footage shot previous week.

Discussion of the ideas and proposals for the final project.

(To be shot outside the class & to be reviewed during the final class).

Please provide a visual idea, what interests you, a plan how you would like to execute, and what challenges you foresee.

SA- AV-Monitor w/DV-Cam deck, computer 50” monitor.

**04/28** Telecine field trip - Fotokem

Students my very their transfers. 2-hour session, so not all of the projects will be able to be re-transfer

SA- Send maps and times for the session, bring negative.

**05/12** Final screening of students’ projects

All 16 projects are screened and evaluated the final day of class. Attendance required.

Remember you will be presenting your film with description of the idea and how you have executed it, and how successful in your opinion the project is.