CTPR 507 PRODUCTION I – 18461
SEMESTER: SPRING 2015
COURSE DESCRIPTION and OUTLINE
4 units

Instructors:

Cinematography: Linda Brown
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Meeting Day/Time: Tuesday 9:00am-12:50pm
Location: SCA Stage 2

Producing/Directing: Miles Watkins
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Meeting Day/Time: T/TH 9:00am-12:50pm
Location: SCA 363

SA: Jason S. Boldt
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Required text book: *Voice & Vision: A Creative Approach to Narrative Film and TV Production* by Mick Hurbis-Cherrier

Athletic Shoes and long pants MUST be worn to all Cinematography classes

**USE OF LAPTOPS, TABLETS & CELL/SMART PHONES NOT ALLOWED DURING CLASS**
This class cannot be audited.

With faculty guests:
**Producing:** Jennifer Westin 213-841-0800 jennifer@covert-productions.com
**Editing:** Tony Porter 323-595-6356 tporter@dovetailfilm.tv
**Sound:** Stephen Flick shflick@aol.com
**Sound:** Doug Vaughan 310-413-9181 dvaughan@cinema.usc.edu

Hello and welcome to CTPR 507. There is no better way to learn how to tell a story than actually going through the process of doing it. Be patient and open to new ideas as you embark and this creative and personal journey of discovery.

**Overview**
Production I is about ideas and your ability to communicate effectively through the language of cinema. It combines introductions to the five major disciplines within the cinematic arts: producing, directing, editing, cinematography, and sound — with guided opportunities to create individual and small group projects. Students will
make two short HD projects as part of an exploration of visual storytelling, as well as shoot a directing exercise in the *Fundamentals of Directing* lab (production students only). The core focus of the class is to communicate ideas, feelings, moods and emotions through the design of visual and aural environments. All approaches to cinema will be introduced including non-fiction, abstract, and experimental and narrative fiction. CTPR 507 is the beginning of an educational process which we hope will awaken your instincts as a filmmaker. **Participation in this course is mandatory, absences are not permitted.** The goal of this class is for each student to learn how to express themselves and reach a place where they can be self-critical of their own work and critique the other students’ work in a helpful way as well.

**Course Goals:**

- Discover the basic elements of character and story.
- Learn how to tell a story effectively through the use of sound and image that enhances the story.
- Explore a range of forms and genres—documentary, narrative, personal essay, etc.
- Deliver and receive cogent and constructive critiques of works in progress and completed works, by both faculty and fellow students.
- Establish ethical standards for filmmaking and critiquing.
- Develop fundamental skills in the areas of producing, directing, cinematography, editing, production sound, and sound design.
- Highlight the fundamental relationship between form and content.
- Become aware of the cultural impact of cinema.

**CTPR 507 will cover introductions to these skill-sets:**

**Producing:** the art and craft of producing from pitch to delivery; the role of producer, assistant director and unit production manager. Including: script breakdown, location and scheduling concerns.

**Directing:** developing a comprehensive aesthetic approach to the goal, central idea, and theme of a project; including: story beats, character arc, and behavior that reveals character.

**Cinematography:** eight weeks that will cover: composition, use of space, production design, color temperature, depth of field, hard and soft light, available light, key, fill, backlight and negative fill. Instruction in how to light for day interior, night interior and day exteriors.

**Editing:** exercise in editing a basic 2-character dialogue scene; story shaping, paper edits, continuity editing; parallel, montage and non-linear editing; media management.

**Sound:** Concepts of sound design and using sound as a creative element in cinematic storytelling. Introduction to production sound recording, sound editing, use of music and effects, and sound mixing.
PROJECTS: Students will complete two, five minute (maximum) projects in HD:

PROJECT 1: each student must perform key production roles and edit themselves. Location sound mandatory (effects, room tone, etc.) All editing must be done in USC’s post facilities.

Suggestions:

Narrative:
1. Beat change within a scene
2. Behavior which reveals character
3. Give a character a dilemma; resolve it

Documentary:
1. Portrait of a person
2. Capture a process
3. Explore the complexity and nuance of a place

Experimental:
1. Use montage to express an emotion or mood
2. Explore the qualities of light and darkness
3. Explore shape, line, time and/or space

PROJECT 2: Student Choice Project (must be crewed) use location sync-sound; five minutes. Emphasis on story structure; building tension, character development; mandatory production recording/dialogue; faculty supervise production from pre-prod through dailies, cuts, and sound design crew is from 507. All editing must be done in USC’s post facilities.

Credit/Roles on Films:

Students may not act in their own films. The goal is to place directing and working with actors as a priority in this course. Shooting on location is encouraged. Production sound must always be recorded.

No proprietary credits are allowed (i.e.: A film by) on films. All works must display:

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Works must include complete credits for all key positions, which must be performed by the students themselves. In Project One, all key roles must be performed by one student, with help from other 507 students –but not in key positions. In Project Two, all key roles must be performed by students in your 507 section. (Speak with your professor about working with students from other sections.) Key roles are defined as Producing, Directing, Editing, Cinematography, and Sound.
No professional Electricians, Grips, Sound or Camera personnel may be used on these productions. You must operate the camera and Direct the Photography of Project 1. On Project 2 your crew should be primarily “keyed” by members of your class. Additional labor and work may be done by other students currently enrolled in 507 only, after discussion with your faculty.

Films must be edited in Avid in the SCA Post-Production facility.

Outside vendors can be used for: make-up, additional approved grip and lighting gear, and approved visual and special effects.

**COPYRIGHT:**

Because the School provides equipment and facilities, the copyright to all 507 films resides with the University. However, the student retains ownership of the underlying intellectual property rights to their work.

Posting links on the internet of work produced at SCA must be for private viewing only and password protected.

In all cases, copy written material must be credited. For works to be screened outside of SCA, material must be cleared, and a complete production book with rights, releases, and permissions must be submitted to Prod/Dir faculty, Archives, and Student-Industry Relations.

**EQUIPMENT/RESOURCES:**

Only production equipment supplied by the school may be used on projects. Special visual effects, such as Adobe After Effects, are not supported in the first year. Green screen is not allowed in 507. Stationary vehicles on campus may be used with faculty approval; Off campus, vehicles are prohibited.

Dollies and use of any equipment outside of what is available at USC (including your own) is subject to faculty approval in the first semester in the School of Cinematic Arts.

**USC and Non-USC Equipment for CTPR 507**

Students will be issued a Sony XDCAM EX 1 camera package for the semester and may check out a lighting kit from USC on a weekly basis. If a student wants to use non-USC camera support equipment, like a slider, small portable dolly, shoulder mount, or a glidecam, etc. he/she must discuss this first with the producing and or directing faculty (whoever is the instructor of record). If that instructor thinks the proposed equipment is appropriate for the listed shots, the student will be directed to speak with the cinematography instructor who will discuss if this is the right tool and then discuss the proper and safe use of the equipment. The student is responsi-
ble to email both the cinematography instructor and instructor of record with the
list of shots and equipment under consideration. This will insure the student and
faculty are in agreement about both the equipment and shots using that equipment.
The instructor of record will have final approval on this decision.

The Sony XDCAM EX is presently the only camera/file format/codec supported for
CTPR 507 classes. Everything else is considered unsupported. Students
working in unsupported file formats or codecs are not to ask staff, student workers
or SA’s for assistance in post. A guide to unsupported formats is available on the
Knowledge Base.

Even if approved the student assumes responsibility for the post workflow of the
unsupported footage and understands that it may never make it into their final film.
Screening due dates will be adhered to and no extension requests will be granted for
post workflow problems or issues related to unsupported file formats or codecs.

**REMEMBER OF USC EQUIPMENT INSURANCE COVERAGE POLICY**

Only equipment issued by USC or rented from approved vendors is covered by USC
insurance. Personal equipment or equipment from rental houses or vendors not on
the USC list of approved vendors is not insured. The list is available on the SCA
Community website under the Student Production Resources section and is titled
Blanket Insurance Equipment Companies List. If a vendor or rental company is not
on the list, the student should talk with Joe Wallenstein about the Insurance Author-
ization Form.

**CTPR 507 Crew**

Professional electricians, grips, sound or camera personnel may not be used on
CTPR 507 productions. Students must produce, direct, operate the camera and di-
rect the photography on Project 1. On Project 2 the crew should be primarily
"keyed" by members of your class. Other students currently enrolled in other sec-
tions of CTPR 507 may supplement the crew if needed.

**STAGE EQUIPMENT USAGE POLICY**

Students may use film production equipment after they have been introduced to its
proper and safe use in a class and this applies to use of equipment on the stages for
class projects. The specific equipment is listed on the Stage Equipment Policy form
which can be found on the SCA Community website under the Student Production
Resources section. This form is to be presented to the Stage Services Personnel that
conducts the stage check out. The form is to be signed by the student receiving the
grade for the project and booking the stage. If a student requests an exception to the
policy the instructor of record and cinematography instructor must sign it.
GRADES:

Each student must complete both films and all exercises in order to receive a grade. Grades will be based on both subjective and objective judgments; essentially we look for intelligence, clarity, craftsmanship and emotional depth indicative of a growing mastery of the art form. Success is necessarily predicated on an energetic and ongoing interaction between all members of the class. So, late projects, tardiness and unexcused absences will have a negative impact on your grade. Late projects will be docked 10 percent per day. If you must miss class, call your instructor or SA as soon as possible and always before class begins.

Grading Weights:
Producing modules: 5 points
Sound: 5 points
Editing: 10 points
  Criteria for above: participation in exercises
Cinematography: 20 points
  Criteria: class exercises: 10 points
  P1 Cinematography: 4 points
  P2: Cinematography: 6 points
Fund of Dir: 10 points
  Criteria: scene exercises
Producing/Directing (overall): 20 points
Prod/Dir Proj 1: 10 points
Prod/Dir Proj 2: 20 points

MIDSEMESTER CONFERENCES: (between weeks 8-12 w/Prod/Dir faculty)

These conferences allow you to get a sense of your overall progress, areas for improvement and an estimated grade at mid-point in the semester. If you are in danger of failing, you will be alerted in writing and in a conference; we will outline together what steps must be taken in order for you to pass. It is the student’s responsibility to be aware of USC’s add/drop and withdrawal deadlines.

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 DSP. Please be sure the letter is delivered to me (or the TA) as early in the semester as possible. DSP is located in STU 301, and is open 8:30am-5:00pm Monday through Friday. The phone number for DSP is (213) 740-0776.
Statement on Academic Conduct and Support Systems

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 Standardshttps://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 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.

COURSE GUIDELINES:

The limit on project running time (5 minutes max with credits) is invariable and there are no exceptions.

You must make the safety of everyone, including yourself, the highest priority. All class members on a set are responsible at all times for production safety. Any scenes or shots, however innocuous-seeming, that involve safety and/or ethical considerations (including any physical stunt, any representation of a weapon, explosion, collision or projectile, and any work with a minor) must be approved in advance, with all required paperwork completed and submitted. Actions that might seem safe under normal circumstances (e.g., hurrying down stairs or crossing an uncontrolled street) may not be under normal production conditions and must be discussed with the producing instructor. Take extra care when shooting at night, and do not leave equipment in your car (not even the trunk).
Any violation of the course requirements is considered an academic, ethical violation, governed by the USC Code of Conduct. (see Statement on Academic Integrity below) and is grounds for confiscation of footage, lowered grade, failing grade, probation, suspension, or expulsion from the University. Ethical violations are enforced by course faculty, the Head of Physical Production, the SCA Disciplinary Committee, and may be sent to the USC Student Judicial Affairs for review/action. Any ethical or safety violation will become a part of the student’s record at SCA.

All students are expected to understand and abide by the USC School of Cinematic Arts guidelines. All students are equally responsible at all times for production safety.

SAFETY RULES:

Your personal safety and that of your cast and crew is vitally important as you plan and shoot your projects. You are responsible to read the Safety Rules for Student Productions Handbook and abide by the policies that apply to CTPR 507. If you have any questions or concerns, please check with your producing and or directing faculty (whoever is the instructor of record) before shooting. Violation of any safety policies may result in disciplinary action such as confiscation of footage, lowering of your grade, failing the class, appearance before the Academic Discipline Committee and even expulsion from the University.

The following require a Hazardous Shooting Conditions Form (which can be found on the SCA Community website in the Student Production Resources Section): stunts, special effects, animals, breaking of glass, fire (including candles and smoking), prop weapons, minors, nudity, fog machines, and water work. Actions that might seem safe under normal circumstances (e.g., hurrying down stairs or crossing an uncontrolled street) may not be under production.

Never leave equipment unattended and take extra care when shooting at night. Don’t store equipment in a car, not even the trunk.

The following are not permitted in CTPR 507 projects: guns (real or prop), filming in or around a moving vehicle, generators, jib arms, cranes, remote heads, scissor lifts, camera cars, motor boats, helicopters or airplanes.

Placing actors in jeopardy of any kind is punishable by failure and possible expulsion even if the actors agree to the situation. Stunts and Effects must be cleared through faculty and properly supervised on your set with written permits. If your actors are doing anything other than sitting or walking, talk to your instructors.

PRODUCTION SAFETY GUIDELINES. The Student Handbook, and the Pre-Production Hazardous Shooting Form and other valuable documents are available at:
http://scacommunity.usc.edu

Faculty Sign-Off sheets are required for all Hazardous shooting conditions prior to production, including shoots with minors and studio teachers. Not permitted: guns of any kind, squibs, car mounts or shooting from a moving vehicle.

**COURSE OUTLINE:**

**Week 1 (Jan. 13th)**
1/13 Session I. 9:00am-12:50pm Stage 2
Cinematography
Philosophy of course, assignments, facilities & safety. Team-taught with the Dir/Prod & Cinematography instructors. Review of syllabi, what will be taught during the semester, and what is expected of the students.

**Student reading assignment:**
Chapter 1: From Idea to Cinematic Stories
Chapter 7: The Cast and Crew
Cinematography Syllabus: Read On-Set Crew Descriptions
SA: Hard copies Class Syllabus

1/15 Session II. 9am-1pm SCA 363
The Basics of Producing Part 1
Who does what: the roles, responsibilities and functions of the creative collaborators. Basic production techniques: script breakdown, identifying shooting sequences, location concerns, production meetings and scheduling methods

**Week 2 (Jan. 20th)**
1/20 Session I. 9:00am-12:50pm Stage 2
Cinematography
70-minute presentation “The Art of Cinematography” by instructor. Clips of black & white, color and documentary cinematography with discussion about what it takes to create great and effective cinematography. Clips TBA.

1/22 Session II. 9am-1pm SCA 363
Producing Part 2
The basics of a pitch, analysis of material for costs and how to maintain story, focus, intent, clarity, organization and basic set work flow

**Reading assignment:**
Chapter 10: The Lens
STUDENTS BUY HEADPHONES
SA: HD monitor w/DVCam & DVD players
Week 3 (Jan. 26th)
1/26 (Monday) 1pm-4pm SCA B118
Avid Workshop (1 of 2) with Reine-Claire

1/27 Session I. 9:00am-12:50pm Stage 2
Cinematography
Students checkout camera packages during class time. Demonstration and introduction to Sony EX1. Menu set-ups, depth of field, exposure, color temperature, composition and follow focus methods. Use of gray card.

Reading assignment:
Chapter 13: Basic Lighting for Film and DV
SA: 1) HD monitor (w/cables) on stage to display information and image 2) HDEX1 camera (w/cables) and tripod

1/29 Session II. 9am-1pm SCA 363
Project 1 pitches / pre-production meetings

Week 4 (Feb. 3rd)
2/3 Session I. 9:00am-12:50pm Stage 2
Cinematography—Students must bring cameras to class
Students check out sound gear during class. Doug Vaughan will conduct Production Sound Workshop during class.

Students: bring in their cameras for wk. 6 class
SA: HD monitor, one HDEX1 camera w/tripod

2/5 Session II. 9am-1pm SCA 363
Editing (1 of 3) with Tony Porter. Review of basic AVID functions: yellow, blue and red arrow; track management. Editing two-character dialogue scene with supplied material; aesthetic editing instruction, using examples from professional film and television, and previous student films. Concepts of character and story shaping, shot selection and sizes, angles, matching action, the 180-degree line, and character blocking; students will create a paper cut and begin editing. Homework – The students will be responsible for editing and outputting a final version of the supplied scene.

Week 5 (Feb. 10th)
2/9 (Monday) 1pm-4pm SCA B118
Avid Workshop (2 of 2) with Reine-Claire

2/10 Session I. 9:00am-12:50pm Stage 2
Cinematography-Exterior Workshop
Students: bring cameras, sound gear, and headphones to class
Instructor sets up scene w/2 actors and coverage of scene with one camera. Exposure control with camera, grip equipment and control of daylight. (COVER SET in case of rain: night scene on stage #2)

**Reading assignment:**
Chapter 9: The Digital Video System

**SA:** 507 lighting kits

**2/12 Session II. 9am-1pm SCA 363** Editing (2 of 3) with Tony Porter. Review of more advanced AVID functions including trim mode functions, add edit, match frame etc. “Lean Forward Moment,” Rule of 3’s, Scene transitions –match cutting, dissolves, fades, wipes; L-cuts, editing on movement, “popping in” or “popping back;” review students’ cuts of their scenes. Aesthetic concepts, such as editing for character, will be reinforced. Editing room concepts, such as media management naming conventions, proper output strategies; students begin work on second scene; crossing the line, poor performances, mismatches; instructor will demonstrate alternatives

**WEEKEND:** 1st Fund/Dir shoot; no lights (separate syllabus)

**Week 6 (Feb. 17th)**
**2/17 Session I. 9:00am-12:50pm Stage 2**
Cinematography
Instructor will demonstrate proper set up of electrical power (600 amps) on Stage #2. What is an amp? What is a watt? Each student is checked out on the paddles, Edison adapters, distribution of electricity, etc.

Five sets 507 (coffins & blue) lighting kits to class. Students break into their groups of three. Each student sets up lights and wraps the kit. Demonstration of diffusion (scrim vs. diffusion), color temperature gels, mixing color temp.

Instruction in 3-stage lighting. Key, fill & backlight. Key light as only light used, as in film noir: backlight only, interrogation of witness (overhead), etc. Use of flexfill, bounce, soft & hard light, flags & nets.

**Instructor:** 2 actors (with Jennifer or Eugene) & crew for next week
**SA:** HD monitor

**2/19 Session II. 9am-1pm SCA 363**
Editing (3 of 3) with Tony Porter. Review of more advanced AVID Functions including the effect palette; advanced AVID sound functions; wave form, etc. Filmic editing styles will be presented using existing film clips: fragmented editing, parallel editing, non-linear storytelling, pacing, montage, use of music, jump cutting; review students’ edited scenes; import and demonstrate the use of sound and music.
**WEEKEND:** 2nd Fund/Dir; no lights
Group A shoots Project 1

**Week 7 (Feb. 24th)**

2/24 Session I. 9:00am-12:50pm Stage 2
Cinematography
Two crews (Prod Design, Dir. D.P. Gaffer, Grip, Cam Asst., Sound, etc) will be formed each with two actors. Students will either bring in ideas from the films they are about to produce or the instructor will bring in a photograph or scene. Production Sound equipment will be used, and Doug Vaughan will be there.

This exercise is a practice in organization, working as a crew, lighting, shot design, sound techniques and creativity. Class will conclude with a viewing and discussion of the footage.

**Students:** Two camera packages w/sound
**SA:** Two SxS cards, two Gray Kits
**Instructor:** 2 actors

2/26 Session II. 9am-10:50am SCA 363
11am-1pm AVID SOUND LAB B134
STEPHEN FLICK: Sound editing (1 of 2) and mixing in Avid: editing backgrounds, effects, production; mixing in AVID, AudioSuite tools

**WEEKEND:** Group B shoots Project 1

**Week 8 (March 3rd)**

3/3 Session I. 9:00am-12:50pm Stage 2
Cinematography
Two crews will be formed and will use class to re-create the scene they have been assigned. Class will conclude with a viewing and discussion of the footage.

**Instructor:** Actors
**Students:** 2 cam packages w/sound
**SA:** 2 SxS cards, two Gray Kits

3/5 Session II. 9am-1pm SCA 363
Group A screens
1) Producing concerns and leadership qualities
2) The Unique lexicon of character and story – Specificity

**WEEKEND:** Group C shoots Project 1

**Week 9 (March 10th)**

3/10 Session I. 9am-1pm SCA 363
Pitch All “P2’s”
Discussion and demonstration: Casting Format and Protocol

3/12 Session II. 9am-1pm SCA 363
Project 1: Group B Screens

**SPRING BREAK: MARCH 16-21. NO CLASS**

Week 10 (March 24th)
3/24 Session I. 9am-1pm SCA 363
Project 2: Group A Pre-Prod Meetings with faculty

3/26 Session II. 9am-1pm SCA 363
Project 1: Group C Screens

WEEKEND: Group A shoots Project 2

Week 11 (March 31st)
3/31 Session I. 9am-1pm SCA 363
Project 2: Screen Group A Dailies
Project 2: Group B Pre-Prod Meetings

4/2 Session II. 9am-1pm SCA 363

WEEKEND: Group B shoots Project 2

Week 12 (April 7th)
4/7 Session I. 9am-1pm SCA 363
Project 2: Screen Group B Dailies
Project 2: Group C Pre-Production meetings

4/9 Session II. 9am-1pm SCA 363
Project 2: Screen Group A Rough Cuts

WEEKEND: Group C shoots Project 2

Week 13 (April 14th)
4/14 Session I. 9am-1pm SCA 363
Project 2: Screen Group C Dailies

4/16 Session II. 9am-10:50am SCA 363
Project 2: Screen Group B Rough Cuts

11am-1pm SCA 363
STEPHEN FLICK: (2 of 2) Dialogue Editing: Students will learn how to clean up and
organize production tracks to make them mixable. Basic techniques will be covered for editing dialogue, ADR, Production Fx, as well as creating fill for handles, use of alternative takes, and how to use Audiosuite tools to make production tracks usable.

**STUDENTS RETURN ALL EQUIPMENT TO EQUIPMENT CENTERS**

**Week 14 (April 21st)**
4/21 Session I. 9am-1pm SCA 363  
Project 2: Screen Group A Fine Cuts

4/23 Session II. 9 am - 1 pm SCA 363  
Project 2: Screen Group C Rough Cuts

**Week 15 (April 28th)**
4/28 Session I. 9am-1pm SCA 363  
Project 2: Screen Group B Fine Cuts

4/30 Session II. 9am-1pm SCA 363  
Project 2: Screen Group C Fine Cuts

**Week 16 (May 12th)**
5/12 Final Session 8 am - 10 am SCI 108  
Project 2: Screen All Cuts

**TBA (meetings with 508)**
**SELECTED FILM CREW POSITION DESCRIPTIONS:**

**PRODUCER** - creates the conditions for making movies. The producer initiates, coordinates, supervises, and controls matters such as raising funds, hiring key personnel, and arranging for distributors. The producer involved throughout all phases of the filmmaking process from development to completion of a project.

**DIRECTOR** - communicates directly with the DP, 1st AD and Script Supervisor as to what his shooting (coverage) plan for each scene is. Deals with actors for performance; the DP for angles, coverage, lighting, style ideas; deals with Art Dept. and Costume Designer for all looks of film.

**WRITER** – creates the script, whether it is an original idea or one being adapted from previously created material (such as a book or short story).

**DIRECTOR OF PHOTOGRAPHY** - explains shot to operator; works with gaffer to achieve lighting style and consistency; is responsible, with Script Supervisor, for screen direction; and ultimately responsible for coverage achieved in each scene; is responsible to producer to work quickly and efficiently (in other words, within budgetary and time constraints).

**PRODUCTION DESIGNER** - responsible for creating the physical, visual appearance of the film-settings, costumes, character makeup, all taken as a unit. The production designer works closely with the director and the cinematographer to achieve the “look” of the film. Within the overall Art Department is a sub-department, called the Art Dept. This consists of the people who design the sets and create the graphic art.

**CAMERA OPERATOR** - answers directly to DP, but must also have a good rapport with Director and rest of crew. Very "political" position and lots of room for creativity.

1st A.C. - preps camera at rental house; works with the Camera Operator, sets up camera, lenses, rides focus, aperture, etc.; in charge of equipment orders and returns; runs rest of camera department.

2nd A.C. - slates; may load if no 2nd 2nd; brings lenses to 1st, keeps equipment clean and nearby; camera reports; reads film for shipping.

2nd 2nd - responsible for clean camera van, keeping stock inventory, clean magazines, time cards for camera crew.

**GAFFER** - works with DP on all interior/exterior lighting in film; is in charge of electric/grip crew (leadership position) works with best boy for ordering all special lighting equipment on daily basis; position very much depends on how DP likes to work. Can be very creative or just facilitator.
BEST BOY ELECTRIC - checks out all electric needs at each location, ties in, deals with generator; is in charge of truck. Orders expendables, deals with time sheets for entire electric/grip crew.

ELECTRIC - runs cable; on top of taco cart, gels, etc., works with gaffer on set to create lighting set-up (sets up all lights, barn doors, scrims, light stands; puts gels in filter holders that go into lights.

KEY GRIP - in charge of dolly, all rigging, grip department; leads in setting up of all C stand, flags, nets; works with sand bags, apple boxes, safety all lights.

BEST BOY GRIP - physically sets C stands with flags, nets, sand bags, brings apple boxes and all grip equipment to set GRIP. Unloads truck and keeps equipment organized and accounted for, helps handle big lighting equipment with electric crew (12Ks, high-rollers, etc.).

1st ASSISTANT DIRECTOR - runs the set; works in tandem with Director, answers to Producer, breaks down script and sets up shooting schedule; works with Director and DP on set to facilitate all areas of production on daily basis; leads team that manages all stages of production (actors’ calls, meals, union penalties, medical emergencies, location problems and requirements).

2nd AD - liaison between 1st AD and all off-set activity; gives actors’ calls, times sheets, does call-sheet for 1st’s approval

SCRIPT SUPERVISOR - breaks down initial script in terms of scenes, screen days, time of day; times script, works with Director and DP on set, notes to Editor.

PRODUCTION ASSISTANT – assists the first assistant director with set operations. Production assistants, almost always referred to as PA’s, also assist in the production office with general tasks.

PRODUCTION SOUND MIXER – head of the sound department on set, responsible for recording all sound during filming. This involves the choice and deployment of microphones, operation of a sound recording device, and sometimes the mixing of audio signals in real time.

BOOM OPERATOR – an assistant to the production sound mixer, responsible for microphone placement and movement during filming. Uses a boom pole, a long pole made of light aluminum or carbon fiber that allows precise positioning of the microphone above or below the subjects, just out of the camera’s frame. The boom operator may also place radio microphones and hidden set microphones.

EDITOR – responsible for assembling all the footage (dailies) into narrative form. Works with the director to cut the film into its best possible story by selecting the best shots and takes.
COMPOSER – writes the musical score for the film. Also oversees the hiring of musicians, and the recording, editing, and mixing of the score.

SOUND DESIGNER – or “supervising sound editor,” is in charge of the post-production sound of a movie and is responsible for creating the full sonic environment for the film. This includes recording and cutting dialogue, sound effects, backgrounds, foley, and music. Sometimes this may involve great creative license, and other times it may simply mean working with the director and editor to balance the sound to their liking.

**Great Film Books:**

CINEMATOGRAPHY SCREENCRAFT, Peter Ettedgui
MATTERS OF LIGHT AND DEPTH, Ross Lowell
HOW MOVIES WORK, Bruce Kawin
CINEMATOGRAPH, Theory & Practice, Blain Brown
MOTION PICTURE AND VIDEO LIGHTING, Blain Brown
THE CAMERA AND I, Joris Ivens
BEAUTY AND THE BEAST, MAKING OF A FILM, Jean Cocteau
MY LAST SIGH, Luis Bunuel
SOMETHING LIKE AN AUTOBIOGRAPHY, Akira Kurosawa
FASSBINDER: FILMMAKER, Ronald Kayman
MAN WITH A CAMERA, Nestor Almendros
MASTERS OF LIGHT: CONVERSATIONS WITH CINEMATOGRAPHERS,
    Shafer and Salvato
HITCHCOCK, Francois Trauffaut
FELLINI: A LIFE, Hollis Alpert
CITIZEN WELLS, Frank Brady
THE MAGIC LANTERN, Ingmar Bergman
FILM FORM AND FILM SENSE, Eisenstein
FILM FLAM, Larry McMurtry
OF WALKING ON ICE, Werner Herzog
OZU, THE POETICS OF CINEMA, David Bordwell
LULU IN HOLLYWOOD, Louise Brooks

**Still Photographers:**

Mary Ellen Mark
Lisette Model
Sebastiao Salgado
Manuel Alvarez Bravo
Lewis Hine
Danny Lyon
Nan Golden
Eve Arnold
Bill Brandt
Sarah Moon
Josef Koudelka
Jan Saudek
Annie Leibovitz
Robert Doisneau
Robert Frank
Dorothea Lange
Walker Evans
Tina Modotti

**Regarding still photographers – the School of Fine Arts Library has a great variety on campus. It is near the southwest corner of the university, by the School Architecture & Fisher Gallery.**

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