

Advanced Camera and Lighting

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Office Hours: Monday 11-noon, Wed 1-3 and by appointment

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**Weekly Schedule:**

Wednesdays Periods 3-5 G001 Weimer or Room G215 editing lab as indicated on weekly schedule.

Class begins at 9:35 SHARP!

Course Prerequisite: C or better RTV 3320, RTV3200, RTV 2100

Text: Fundamentals of Film-making by JaneBardwell

**Course Objective:**

Advanced Camera and lighting is intended to give career-path production students hands-on experience in advanced lighting, camera and field recording techniques. Students will be expected to master lighting for the camera. Students will learn about various lighting instruments and various strengths and weaknesses of each particular lighting instrument. Students are expected to know the Kelvin color temperature scale and how different types of light will affect camera imagery.

While learning the craft of lighting, students will be creating several short scenes that will challenge them as filmmakers. A short 12-20 minute movie will be the final project. This is not a school project; rather, a true professional experience under real-world conditions and constraints. Team assignments will depend on the number of students in the class. You will be expected to take your work to the next level and produce professional quality productions.

This course requires in-class participation and 5-7 hours of work outside of class per week. This class is intended for students who are serious about careers in digital cinema. **Students are expected to be proficient with PREMIERE PRO.**

## **THE FILM PROJECT comedy or dramatic narrative**

Students will work in teams of three or four and create an 12-20 minute movie. The team will present a draft script and treatment that includes synopsis, suggested locations, casting plan, rehearsal schedule and shooting schedule.

Below is how a typical panel that funds independent projects would review your proposal. You should consider and answer these questions within your treatment.

### *Partial Treatment Requirements from ITVS*

1. What is the overall quality of the project? Is the idea well conceived? Is the subject matter compelling? Does the approach make sense as a TV program?
2. What is the quality of the treatment? Is it well written? Is the storyline clearly delineated? How does it address the visuals, structure and style?
3. Is this project innovative? Does the subject matter present an untold story? In terms of format and presentation, how does the program take creative risks?
4. Does the proposal identify a target audience? Will this program serve the needs and interests of an under-represented audience?
5. How experienced and capable is the production team? Would the team be able to produce the program on time and for the amount of funding requested?

### **Basic Script Writing: beginning/middle/turn/end**

Beginning sets up film: asks a question of some kind, makes audience curious

Middle: development -sets some type of pattern/ issue/conflict-

Turn: Changes direction, twist

End: Payoff (or not) what does the audience walk away with?

## **TEAM POLICY FOR FILM PROJECT**

If a team member is not contributing in a significant way to the overall success of the Film Project, team members can write a letter to Professor Sorel asking for that team member to be removed from the team. If this were to occur, the team member that was removed has two options. Option 1: would be to self- produce a project. Option 2: drop the class.

### **Absentee and Tardiness Policy**

Students are allowed one unexcused absence during the semester.

The second unexcused absence will result in a 1- point deduction from your final grade.

The third unexcused absence will result in an additional 3-points from your final grade.

The fourth unexcused absence will result in an additional 6-points from your final grade.

Students are allowed one tardiness during the semester.

A second tardiness will result in a 1/2 point deduction from your final grade.

A third tardiness will result in an additional 2-points from your final grade.

A fourth tardiness will result in an additional 6-points from your final grade.

### **Needed Supply**

Firewire 400 external hard drive. 100-320 gig should be plenty. DO NOT Purchase a USB external hard drive. They are too slow for Premiere Pro.

### **Suggested Supplies:**

Leather Work Gloves

Multi-purpose tool (Leatherman)

I will distribute your SDHC card.

### **Equipment Policy**

**All students who use Department of Telecommunication or WUFT-TV equipment must follow all established access policies. Failure to do so may result in suspension and/or revocation of privileges, and/or grade deductions in the course in which the student is enrolled. Borrowers will also be required to pay for damage to or loss of equipment.**

### **Equipment Checkout**

When you pick up equipment, you must allow enough time to thoroughly inspect and test each piece before leaving the Equipment Room. You are financially responsible for all equipment that you check out. It is imperative that you fully examine the equipment before removal and have any missing parts or damage noted in your loan agreement by an Equipment Room employee. **WHEN YOU SIGN FOR THE GEAR, YOU ARE ACKNOWLEDGING THAT IS FULLY FUNCTIONING, UNDAMAGED, AND THAT ALL PARTS ARE THERE.** Once you leave the Equipment Room, you are financially responsible for all of the equipment listed on your paperwork, so it is in your best interest to make sure you have everything you are supposed to have and it is working properly.

### **Equipment Return**

During check-in, any damaged, broken or missing parts will be noted on the borrower's loan agreement and the borrower will be required to pay for any damage or loss. The borrower will also face the appropriate suspension and/or revocation of privileges.

### **Late Return**

Gear returned more than FIFTEEN MINUTES late will result in the following:

\*first offense: suspension of privileges until student meets with instructor of record to have privileges restored.

\*second offense: suspension of privileges for two weeks

\*third offense: suspension of privileges for the rest of the semester

Such suspension of privileges could result in the student missing lab shifts or turning in assignments late. Students will not be allowed to make up said lab shifts or request an extension of project deadlines in such cases. Lab grades and project grades will be penalized according to the instructor's rules regarding missed lab shifts or late assignments.

### **Policy Violations**

Habitual disregard for the equipment and the rules of the Equipment Room may result in the loss of privileges. Violations of Policy include:

\*Late return of equipment

\*Return of equipment in unacceptable condition

\*Taking equipment out of town without authorization

\*Using equipment for work other than that required by the student's instructor

\*Providing equipment access to suspended students, to students who do not qualify for equipment, or to non-students

### **Length of Checkout**

#### **4929C Sorel:**

Gear may be checked out at 10am and be kept for two days. All gear must be returned by promptly by **9am**. Students must wait at least one day before re-signing out equipment.

### **Parking Policy**

Outside near the newsroom entrance there is a loading and unloading zone for students checking in or checking out equipment. **DO NOT PARK IN THIS SPACE FOR MORE THAN 10 MINUTES.** Leaving your car parked in the loading/unloading space for more than 10 minutes will result in up to 10 points off of your final grade.

### **Week One – August 21**

#### **Meet in G001**

The importance of knowing the camera  
AVC130 Cameras. Pick up SDHC Card.  
Lighting and blocking a scene, hands on workshop.  
Projects for the course explained.  
Movie treatment and script explained  
Meet your classmates. Camera exercises

Homework 1: Follow a person from interior lighting to exterior lighting and back while along the way adjusting saved white balance, ND filters and iris.

Homework 2: Create short movie using at least all of the different shot types described on page 68, 69, 70, 72 and one of the high angle shots on page 72. Use the rule of thirds!  
**BRING SHOOTING CARD TO NEXT CLASS.**

### **Week Two- August 28**

#### **Meet in room G215 editing lab**

**READ: Chapter 1 and chapter 4 for quiz**

Homework 1 and 2 due edited in Premiere.  
Discussion: Production Value. Shot Types.  
Study of the film *Good Will Hunting*. Storytelling techniques *WASP*  
Begin developing treatments and scripts  
Editing for story telling. Types of edits. How to send HW to drop box.  
Intro to Premiere Pro (PP) Color Correction  
HW 3 Edit Judge Scene submit to drop box

### **Week Three-September 4**

**Meet in room 3032 Class splits in half. I will assign you to A group 9:35 or B group 11:00**

HW 3 due in drop box before 9am on this day  
Working in mixed color temperature  
Intro to Arri Light kit -Intro to Kino Flo 5600k kit- CTB color correction gels  
Flags and C Stands. Demo a dialogue scene basic scene coverage. Master shot- dirty and clean singles.  
Read Chapter 2. Consider treatments page 28. **SCRIPT TREATMENTS DUE NEXT WEEK**

HW 4 In groups of 3:

You will light 2 scenes on location with three variations. 1) A person in bed, morning. 2) person in bed, sleeping-moon 3) Person in bed reading with reading lamp. 4) person on couch morning 5) person on couch night-moon 6) Person in distress. Odd angle with appropriate lighting.

#### **Week Four- September 11**

**Meet G001 Class splits in half. I will assign you to A group 9:35 or B group 11:00**

HW 4 due in drop box before 9am this day

**Script Treatments due.** Hard copy- 1 page. Use page 28 for a content guideline.

Audio recording techniques Proper mic placement. Plant mics strategy and technique

Scene strategies for audio coverage. Line/mic using house PA for events

Room tone. Practice dialogue scene.

HW 5 In groups of 2:

Shoot a scene between two characters according to provided script. Radio mics if used are to be hidden. Shotgun mics are to be as close as possible. Room tone is to be recorded. EACH PERSON IN GROUP edits a version of the homework with one unique shot. Edit the scene with seamless audio that is completely understandable and does not draw attention to itself.

#### **Week Five-September 18**

Meet in room 3032

**Chapter 6 reading quiz**

Motivating light sources for realism, mood and focus.

Scene Coverage. Shooting more angles, inserts and POV's. Hand held for observation feeling and or chaos. Study the series Breaking Bad

Preparation for equipment check test.

Projects selected for production announced. Groups announced

#### **Week Six- September 25**

**Meet in room G215**

HW 5 due in drop box before 9am

**Equipment check test.** You will be individually scheduled for a time to demonstrate your ability to 1) set up radio mic into camera 2) Identify Arri light wattage and color temp. 3) Identify Kino Flo Wattage and color temp 4) Color correct Arri light 5) Set up Arri light 6) Set up Kino Flo light. Be prepared to discuss hiding a radio mic color temperature of lighting instruments and appropriate use thereof.

## **Week Seven-October 2**

**Meet in room G215**

**CHAPTER 2 and 3 reading quiz**

Pre-Visualization of your films. Storyboarding.

Cutting Points: What are they? “Feel the Cut”/Audiences desire to see something else

Split edits, L CUTs working with dialogue

Edit Slap Dash.

HW 6. On your own. Shoot a 30-shot sequence. Person running from something/to something.

## **Week Eight-October 9**

**Meet in Room G001**

HW 6 due in drop box before 9am

Dolly movement workshop. Why/When/tracking motion/emotion with motion

Creative movements and devices.

Grip equipment. Safety.

HW: You should be pre-planning site surveying your shoots. You should be casting your project.

## **Week Nine-October 16**

**Meet in room G215 lab**

**Chapter 7-8 reading quiz**

**Scripts due for final project**

Advanced PP color correction, filters and effects

Edit HW 6 in class. Due at the end of class.

HW: You should have final plan in place to shoot project

## **Week Ten-October 23**

**Meet in Room G215 lab**

Advanced noise reduction, dynamics, parametric EQ

HW: You should be shooting your final project

## **Week Eleven-October 30**

**Meet in Room G215 lab**

Brief introduction to After Effects/visual effects

In-class edit session

HW: You should be shooting your final project

## **Week Twelve-November 6**

**Meet in room G215 lab**

Introduction to Media encoder

In-class edit session. Discuss with Tim.

HW: You should be shooting your final project

**Week Thirteen-November 13**

No formal class meeting. Work on projects. Tim available for group meetings and one on one assistance.

**Week Fourteen-November 20**

**Meet in room G215 lab**

**DEADLINE-ASSEMBLY EDIT for grade. All scenes are shot and ready to show in class at 9:35. Your various scenes should be laid out in order! 50% points off for late projects.**

**Week Fifteen- November 27**

No class. Holiday Break

**Week Sixteen- December 4th**

**Meet in room G215 lab**

**DEADLINE Movie Projects due at 9:35. 50% points off for late projects.**

Hand in as QT. We will view in class. Students will evaluate and critique in writing other students projects. Your observation and written critique of other students work will be graded. It is an important skill to learn how to give and how to receive feedback. **NO PROJECTS WILL BE ACCEPTED AFTER THIS DATE.**

**Grading Scale:**

A	94-100
A-	90-93
B+	87-89
B	84-86
B-	80-83
C	75-79
D	70-74
E	0-69

**Grading points:**

Reading Quizzes	10
HW 1 Camera iris practice	2.5
HW 2 Shot types	2.5
HW 3 Edit Judge Scene	5
HW 4 Lighting HW	10
HW 5 Audio recording scene	10
HW 6 30-shot scene	10
Equipment test	15
Assembly Edit	15
Final View	20
Bonus and effort points	tba

**STUDENTS WITH DISABILITIES**

Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

**STUDENT EVALUATION OF COURSE AND INSTRUCTOR**

Students are expected to provide feedback on the quality of instruction in this course based on 10 criteria. These evaluations are conducted online at <https://evaluations.ufl.edu>.

Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available.

**UF HONOR CODE**

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.