

CENTER FOR INNOVATIVE TECHNOLOGIES
MASTER COURSE DOCUMENT

AVP 110 Videography: Single Camera Production and Lighting

Course Description: A course on concepts and techniques for single camera video production. Topics include: industry terminology, pre-production and planning, camera types and formats, shot composition, lighting and use of gripping and support equipment.

Prerequisite(s): AVP 100, ART 125 (minimum grade C for all) **Corequisite(s):** No corequisite

Lecture Hours: 2	Lab Hours: 3	Credit Hours: 3
Lab Fee: 105	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lec/Lab	Grading: A/B/C/D/F/I	
Delivery Method: <input type="checkbox"/> Web	<input type="checkbox"/> Hybrid	X Classroom
Semesters Offered: X Fall	X Spring	X Summer

Course Primary Text:

Title: The Grammar of the Shot	Edition: 4th
Publisher: Focal Press, Inc. ISBN-10: 9781138632226	
Title: Cinematography: Theory and Practice: Image Making for Cinematographers and Directors Edition: 3rd	
Publisher: Focal Press ISBN-10: 9781138940925	

Supplemental Materials:

All students must have the basic set of tools and hardware listed by semester 2:

1 Pair of full coverage headphones (no earbuds),
USB jump drive (16 gig or larger),
16gb class 10 or better SD, or SDHC card,
External media drive (see requirements below),
1 Pair leather work gloves (no rubber or nylon finger material - full coverage leather),
Multi-purpose tool (ie: gerber or leatherman or equivalent),
Small Flashlight,
Measuring Tape

Note: External drive must be 7200 rpm or faster and should have the Oxford chipset (either 911 or 934), USB and Fire Wire compatible and have a minimum 500 gig capacity; however, a larger size is recommended for AVP majors as you will be required to have a media drive for your video, audio and compositing classes. See the additional AVP Equipment list for more details on theses and other tools used in the AVP major.

Course Outcomes:

Students will:

- Work in all positions of a video production.
- Work independently and as part of a team on production assignments. This includes videographer, lighting, grip, audio, and field producer.
- Recall the industry standards and terms used to describe the production elements and activities involved in the creation of a television show.

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- Operate and control studio equipment including cameras, studio lighting, audio, support gear and accessories.
- Be able to operate and maintain location production gear including cameras, mics, lighting and gripping gear.
- Effectively communicate shooting and lighting set-ups to crewmembers with diagrams, shot sheets, storyboards, and other diagrams used in professional video productions.

The ultimate goal of this class is to train students to work effectively as members of a production “crew”. This is primarily a workshop style class with daily production activities and jobs.

Course Topics:

Week 1	<p>Class 1 –</p> <ol style="list-style-type: none"> 1. Go over Syllabus. 2. Discuss composition. <ul style="list-style-type: none"> - Rule of 3rds - Right vs Left - High vs Low 3. Break out lights and JVC-150. Have students set up lights. Move them into a 3-Point set up. Show students Key, Fill and Back. Talk about safety. “Light getting hot!” “Light going up!” “Light going down!” 5. Hand out Script, Shot List, and Continuity Log for “Part One” of the “Practical Movie.” That will be filmed in class. <ul style="list-style-type: none"> -Discuss Sequencing and how we break down the shots, and schedule the shooting day. -Discuss Storyboards and Overhead Diagrams. 4. Assign Project 1 (Pitches Due Class 3), the Framing Your Shot Lab (Due Class 3), and Sequencing Lab (Due Class 5). 5. Assign reading the first 3 chapters in The Grammar of the Shot <p>Class 2 –</p> <ol style="list-style-type: none"> 1. Go over JVC-150s with students (Quickly). 2. Go through what they will need to do for the Practical Exam. 3. Film the “Practical Movie” Shot List for “Part One” (As much as possible). <ul style="list-style-type: none"> -Students take turns running camera, slating, script supervising, and other jobs on set.
Week 2	<p>Class 3 –</p> <ol style="list-style-type: none"> 1. Framing Your Shot is due. 2. Students pitch ideas for Project 1, then assigned into groups. Project 1 is Due Week 6. 3. Show students EX-1, Panasonic, and T3I. F-stop, gain, ND filter, etc. 4. Review 3-Point lighting set up (with bounce). 5. Go over Soft Box and Speed Rings. 6. Discuss maintenance of gear and cleaning. Blower, Lenspen, Lens tissue, Lens cloth. 7. Have students watch me go through the entire Practical Exam. Encourage them to take notes! 8. Assign “Practical Movie Part 2” Shot-list assignment. (Due beginning of Class 4). <p>Class 4 –</p> <ol style="list-style-type: none"> 1. Shot-List assignment due. 2. Pick a student’s Shot-List to film of the second half of the “Practical Exam” video. 3. Time permitting practice filming an interview.
Week 3	<p>Class 5 –</p> <ol style="list-style-type: none"> 1. Sequencing Lab Due. Post Edited version of the “Practical Movie” students filmed in class. 2. Pick a student to do a practice run of Practical Exam (max 15 minutes) while I discuss up coming Projects, and answer questions. 3. Go into more detail on using audio on the JVC 150. 4. Go to another breakout room to demonstrate lighting for an interview outside of the studio.

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	<ol style="list-style-type: none"> 5. Go over basic interviewing skills. <ol style="list-style-type: none"> a. Changing framing between questions (tighter shots for more emotional information). b. Non-Verbal Communication with subject. c. Have a list of questions. d. Speak up to crew if something is wrong! 6. Talk about B-Roll (Sequencing). 7. Assign reading chapters 4-6 in The Grammar of the Shot <p>Class 6 -</p> <ol style="list-style-type: none"> 1. Pick a student to do a practice run of Practical Exam (max 15 minutes) while I discuss up coming Projects, and answer questions. 2. Weather permitting we go to Cincinnati State Court Yard and look at techniques for filming outside. <ol style="list-style-type: none"> a. Best to film before 10:30am, or after 2:30pm if possible because of the angle of the sun. b. Show that the best lighting is to have the Sun behind the subject. c. Practice using bounce, and diffusion to improve image. d. Practice using Neutral Density filters, and Circular Polarizers on lenses. e. Weather and time permitting using HMI's.
Week 4	<p>Class 7 -</p> <ol style="list-style-type: none"> 1. Pick a student to do a practice run of Practical Exam (max 15 minutes) while I discuss upcoming Projects, and answer questions. 2. Spend the day showing all the lights students can check out, and how to use them. <ol style="list-style-type: none"> a. HMIs (400w and 800w) b. Kinos (Interview and Diva Kits) c. Arris d. Zips 3. Talk about their different color temperatures, and how they will look on camera. 4. Talk about Power, and Power distribution. (How to not blow a circuit breaker) <p>Class 8 -</p> <ol style="list-style-type: none"> 1. Pick a student to do a practice run of Practical Exam (max 15 minutes) while I discuss up coming Projects, and answer questions. 2. Assign Project 2. Students must bring pitches for the next class. <ol style="list-style-type: none"> a. Show examples 3. Show how to safely prop-up the flats to build walls for sets. 4. Recreate hallway shot from SkyFall. <ol style="list-style-type: none"> a. Starting point to discuss depth of field. b. Use different kinds of diffusion. c. Use the color temperatures of our light choices to create different looks depending on how we white balance the camera.
Week 5	<p>Class 9 -</p> <ol style="list-style-type: none"> 1. Pick a student to do a practice run of Practical Exam (max 15 minutes) while I discuss up coming Projects, and answer questions. 2. Hear pitches and assign teams for Project 2. Due Week 11. 3. Introduce Students to the T3i cameras and lenses. 4. Assign reading remaining chapters in The Grammar of the Shot <p>Class 10 -</p> <ol style="list-style-type: none"> 1. Pick a student to do a practice run of Practical Exam (max 15 minutes) while I discuss up coming Projects, and answer questions. 2. Last chance to ask questions for the Practical Exam next week. <ol style="list-style-type: none"> a. Student pick numbers out of hat to determine what order they will go in. 3. Further explore depth of field and focal length with the T3i's.
Week 6	<p>Class 11 -</p> <ol style="list-style-type: none"> 1. Midterm Practical exams <ol style="list-style-type: none"> a. Students have 15 minutes to complete the basic interview set up. <p>Class 12 -</p>

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	<ol style="list-style-type: none"> 1. Complete the Midterm Practical's. 2. Last half of class students turn in their Project 1 footage, paperwork, and self evaluations. <ol style="list-style-type: none"> a. Time permitting we go over their Project 1 footage as a class.
Week 7	<p>Class 13 -</p> <ol style="list-style-type: none"> 1. Assign Project 3, Director paper, and Scene Breakdown paper. 2. Review lighting design. 3. Pick a scene from a film and break down how it was shot. <ol style="list-style-type: none"> a. What lens was use (why) b. What kinds of lights, and where are they. 4. Draw an overhead diagram of how we can re-create the scene in our studio. 5. Re-create the scene. <p>Class 14 -</p> <ol style="list-style-type: none"> 1. Show video on crew positions, and Gripping 2. Pick another scene, and assign class members into different crew departments. <ol style="list-style-type: none"> a. Camera b. Gaffer (electric department) <ol style="list-style-type: none"> i. Electric crew c. Key Grip <ol style="list-style-type: none"> i. Grips
Week 8	<p>Class 15 -</p> <ol style="list-style-type: none"> 1. Go over field audio recorders. <ol style="list-style-type: none"> a. Tascam RD60 b. Tascam R680 c. Zoom Hn4 2. Boom Mics vs Lavs 3. Re-create a simple scene using audio, and full set practices. <p>Class 16 -</p> <ol style="list-style-type: none"> 1. Watch a short film <ol style="list-style-type: none"> a. Talk about the story, and how its visual style reinforces what is happening with the characters. 2. Talk about how each teams' Project 2's are going.
Week 9	<p>Class 17 -</p> <ol style="list-style-type: none"> 1. Pick a scene where instructor guides them through the set up. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) <p>Class 18 -</p> <ol style="list-style-type: none"> 1. 1. Pick a scene where instructor guides them through the set up. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions)
Week 10	<p>Class 19 -</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working. <p>Class 20 -</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working.
Week 11	<p>Class 21 -</p> <ol style="list-style-type: none"> 2. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working.

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	<p>Class 22 –</p> <ol style="list-style-type: none"> 1. Project 2 is due. Review projects. 2. Make sure students are on track for Project 3. 3. Q&A on anything students are not sure about. <ol style="list-style-type: none"> a. depth of field, color temperature, focal length, audio. 4. Time permitting pick a scene where students are on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working.
Week 12	<p>Class 23 –</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working. <p>Class 24 –</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working.
Week 13	<p>Class 25 –</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working. <p>Class 26 –</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working.
Week 14	<p>Class 27 –</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working. <p>Class 28 –</p> <ol style="list-style-type: none"> 1. Pick a scene where students work on their own for first hour. Instructor, critiques, or helps after the first hour. <ol style="list-style-type: none"> a. Students assigned into teams as before (though shift positions) b. They must create a shot list with the goal of filming at least 4 compositions. c. Make sure students stay in their assigned departments, but are working.
Week 15	<p>Class 29 –</p> <ol style="list-style-type: none"> 1. Class tour at Midwest Grip and Lighting. <p>Class 30 –</p> <ol style="list-style-type: none"> 1. Project 3 is due. 2. Papers due 3. Go over Project 3 in class.

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Attendance/Grading Policy

Students are required to attend all class meetings and to come prepared for class. Unapproved absences will result in a reduction in your final grades as follows:

2 missed class sessions -10%

3 missed class sessions -20%

4 missed class sessions will result in a failing grade

Attendance will be taken at the beginning of every class. If you are more than 20 minutes late for class you will be counted as absent.

Cell Phone Policy

Your cell phone must be turned off and out of view in this class. If there is a special situation that requires you to be available by cell phone during class time you must alert the instructor prior to class and set your phone to silent/vibrate. You will be asked leave the class session and will be counted absent if this policy is ignored.

PLEASE TAKE THE FOLLOWING INTO ACCOUNT

- Students will not be permitted to make up any tests/quizzes or submit assignments for unapproved absences.
- Students are required to inform instructor if they will not be attending class or will be late due to an emergency situation. Late assignments/exercises will not be accepted for unapproved absences.
- Documentation may be requested for approved absences.
- Arrangements to turn in work due during class missed because of an approved absence will be dealt with on a case-by-case basis. It is the student's responsibility to make these arrangements.
- Having to work is not an excuse. If your work schedule does not permit you to attend class, please drop the course and take it when it is a priority.

Plagiarism/cheating will not be tolerated and will result in a failing grade for the assignment as well as a failing grade for the course. Students will be reported to the division Dean and will be asked to meet immediately with their academic advisor.

Copying or downloading, in part or in total, articles, research papers or any other information, including graphics, found on the Internet is considered plagiarism and will not be tolerated. All resources, whether quoted directly or indirectly, must be properly documented.

Definition-

Plagiarize: to steal or pass off as one's own (the idea or words of another); use (a created production) without crediting the source; to commit literary theft; present as new and original an idea or product derived from an existing source. (*Webster's Third New International Dictionary of the English Language*, Unabridged, p. 1728)

The instructor reserves the right to modify or adjust the syllabus and assignments any time throughout the course.

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Methods of Evaluation/Assessment

Grading (350 points total)

Quizzes (10 possible)-----100 Points
Mid-Term Practical Exam-----50 Points
Framing Lab -----10 Points
Sequencing Lab -----30 Points
Shot List Lab -----10 Points
First Project-----40 Points
Second Project-----40 Point
Third Project-----40 Points
Papers/Research-----30 Points
Total-----350 Points

Grading Scale

90-100% -----A
80-89% -----B
70-79% -----C
60-69% -----D
00-69% -----F

Course Keeper: Christian Appleby

REVISED: March 18, 2019