NEWM P356 Lighting and Field Production (3 CR)
Instructor: Associate Professor Susan Tennant
Office Address: ICT 459
Email: stennant@iupui.edu
Office Phone: 278-7675

Thursdays 12:00PM-A-2:40 PM IT 257
Office hours: Monday 3:00pm – 4:30pm
By appointment

Email: Please use Oncourse email for ALL correspondence with instructor.

Class Description
The class will focus on both theory and application of lighting principles, digital camera operations (still and video), composition and fieldwork. The class will be a lecture one day a week followed by a lab the second class. The activities will range from exercises, fieldwork, research and tests. Topics covered include lighting styles, equipment and field operations. This class will discuss the specifications of field production including planning a shoot, permissions, contracts and budgets.

Course Outcomes:
Students should be able to demonstrate:
• Critical thinking
• Principles of lighting, theory and practice
  • Understanding of lighting in a variety of conditions
  • Digital imaging composition using digital still and video cameras
  • Green Screen/Chroma-Key effects and technique for lighting composition
  • Understanding of field production: budgets and planning documents
  • Role of DP and lighting engineer
  • Familiarity with setting up, transporting and working with digital imaging equipment (cameras, video, lights)
  • Appreciation for the aesthetics of lighting composition for photo and video documentation.

Core Communication and Quantitative Skills learned in this class:
• Express ideas and facts to others effectively in a variety of written formats;
• Comprehend, interpret, and analyze texts;
• Communicate orally in one-on-one and group settings;
• Solve problems that are quantitative in nature, and
  • Make efficient use of information resources and technology for personal and professional needs.

Principles of Undergraduate Learning (PUL) – each class should be able to assess learning outcomes in the following areas:
• Oral presentation
• Writing skills
• Critical thinking
• Application of knowledge
• Intellectual depth, breadth, and adaptiveness
• Understanding of society and culture
• Values and ethics

**Required Text:**
Lighting for Film and Digital Cinematography
Second Edition
Authors: Dave Viera, Maria Viera, Publisher: Thompson / Wadsworth
ISBN: 0-534-26498-0

Instructor will use these textbooks: (They are not required but are great resources):
Matters of light and Depth
Author: Ross Lowell
Publisher: Broad street books
ISBN: 1-879174-03-0

Lighting Notebook 101 lighting styles and setups for digital photography
Author: Kevin Kubotas
ISBN: 978-1-118-0310-8

Motion Picture and Video Lighting second edition

Placing Shadows Lighting Techniques for video production
Chuck Gloman and Tom Letourneau
ISBN:0-240-80661-1

**Equipment/Supplies**
• Digital still camera
• *Video camera
• ST/ compact flash card for storage (optional)
• 1 External hard drive
• 1 pair of headphones
• paper/pen or computer for taking notes

* Students will need the use of a digital camera and a video camera.
Equipment check out is your responsibility and a privilege the School of Informatics provides. It is your responsibility to make arrangements in time to complete your assignments for this class. There is no excuse for your not getting the equipment. It is also your responsibility to return the equipment in the same condition, as it was when you took it with you.

*Equipment reservations can be made through this URL:*
Developing presentation skills is important for everyone, plus it’s a good way to share information. Each student will have an opportunity to discuss and demonstrate their work in class and be given feedback by the instructor and classmates. Feedback is part of the class assessment process, a constructive method to give students a chance to review each other’s work. This is not a reflection of you personally it’s about the work you did for this class. Always maintain professionalism about yourself and your comments.

REMEMBER: There are always areas for improvement. Do your best and your grade will reflect your class work effort. I will give you comments on all assignments. These will be posted next to your grade on ONCOURSE. If you disagree with the grade it is your student right to address what you feel is the reason for a grade adjustment. I will discuss grades with students during a scheduled office visit. Please not in class.

Class Courtesy:

- Come to class on time and be prepared.
- NEVER do homework or answer EMAIL in this class or you will be asked to leave. If you are typing, it should be the notes from my exciting lecturers.
- Turn off your cell phones and other noisy devices
- Pay attention to your classmates when they are presenting/ talking/ demonstrating.
- All students are responsible for reading the Code of Student Rights, Responsibilities, and Conduct of Indiana University Purdue University Indianapolis.
- Children are NEVER permitted to attend class with parents, guardians, or childcare providers.
- Food and drink unless with a cap is forbidden from classrooms.

Suggestions for Success in this Course:

1. Attend all classes and come to class prepared and on time.
2. Read any necessary materials for the lecture of the week.
3. Review reading assignments and participate in class discussions.
4. Do not leave early unless excused by the instructor.
5. Execute all assignments to the best of your ability.
6. Hand in your assignments on time
7. Read and follow the directions of the assignments
8. Ask questions if you are unclear about anything.
9. ALWAYS CHECK YOUR ONCOURSE BEFORE COMING TO CLASS AND FOR ASSIGNMENTS, GRADES AND COMMUNICATIONS.
10. DO YOUR BEST.

<table>
<thead>
<tr>
<th>Distribution and Assignments</th>
<th>Point scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1 Portraits &amp; silhouettes</td>
<td>10</td>
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<tr>
<td>#2 Three point lighting</td>
<td>10</td>
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<tr>
<td>#3 Day and night lighting</td>
<td>10</td>
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<tr>
<td>#4 Field Production plan</td>
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### Schedule of Class Topic and Textbook reading

*Instructor has the right to change any assignment, schedule or class event and instruction to fit with the overall class curriculum.*

<table>
<thead>
<tr>
<th>DATE</th>
<th>CLASS ACTIVITIES</th>
<th>Due/ Assignments</th>
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<tbody>
<tr>
<td><strong>January</strong></td>
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<tr>
<td>1/16</td>
<td>Overview of class, expectations, grading Physics of light</td>
<td>Get text book</td>
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<td></td>
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<td>Review notes you took in class</td>
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<tr>
<td>1/23</td>
<td>Lab 358 lighting exercise Lab: Exercise –3 point lighting video Lighting</td>
<td>#1 Portraits &amp; silhouettes</td>
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<tr>
<td>1/30</td>
<td>Lighting an interview,: Chiaroscuro, Chiaroscuro Photographs</td>
<td>#2 Three point lighting</td>
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<tr>
<td><strong>February</strong></td>
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<td>2/6</td>
<td>Day and Night lighting. Creating moving shadows and how to create these day as night and night as day.</td>
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<tr>
<td>2/13</td>
<td>Lecture/ Lighting styles early films/ photography Field production plan 1930-1950/ method /</td>
<td>#3 Day and night lighting</td>
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<tr>
<td>2/20</td>
<td>Comp and Framing, - Composition, - Camera operation, Logging</td>
<td>#4 Field Production plan</td>
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<tr>
<td>2/27</td>
<td>Study abroad shoot campus center</td>
<td>#5 Study abroad project (live shoot)</td>
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<td><strong>March</strong></td>
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<td>3/6</td>
<td>Lecture/ Lighting styles films, photography 1950-1980</td>
<td>Finish Study abroad video</td>
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<td>3/13</td>
<td>Lab: work on light plot of scene style 1950-1980</td>
<td>#6 Research film mood lighting</td>
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<td>3/20</td>
<td>Artificial and interior light Method lighting:</td>
<td>#7 Horror, scary lighting</td>
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<td>3/27</td>
<td>SPRING BREAK</td>
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<td><strong>April</strong></td>
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<td>4/3</td>
<td>Lighting terms, lighting styles, Lighting: interior space- dealing with windows</td>
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<tr>
<td>4/10</td>
<td>Lab: lighting interior space- windows, reflections</td>
<td>#8 Romance lighting</td>
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</tbody>
</table>
4/17 | Green screen with premier and after effects
4/24 | Lab: review lighting/ and field production  #9 Green screen lighting
MAY
5/1 | Last class  Final exam

* links will be established and uploaded for you to use

*All grades and comments will be posted on ONCOURSE. All grades and comments will be posted on ONCOURSE within 2 weeks after due date. Grades are based on points as indicated below:

<table>
<thead>
<tr>
<th>Points</th>
<th>Grade</th>
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<tbody>
<tr>
<td>94-100 Pts.</td>
<td>A</td>
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<tr>
<td>90-93 Pts.</td>
<td>A-</td>
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<tr>
<td>87-89 Pts.</td>
<td>B+</td>
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<tr>
<td>84-86 Pts.</td>
<td>B</td>
</tr>
<tr>
<td>80-83 Pts.</td>
<td>B-</td>
</tr>
<tr>
<td>77-79 Pts.</td>
<td>C+</td>
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<tr>
<td>74-76 Pts.</td>
<td>C</td>
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<tr>
<td>67-69 Pts.</td>
<td>D</td>
</tr>
<tr>
<td>64-66 Pts.</td>
<td>D-</td>
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<tr>
<td>60-63 Pts.</td>
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<tr>
<td>59 and below</td>
<td>F</td>
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University Expectations/Guidelines/Policies
University Regulations state: “Students are expected to be present for every meeting of the classes in which they are enrolled.” Only the instructor can excuse a student from classes or course responsibilities. There are always legitimate reasons for missing class. Personal illness, accident, a death or serious illness in the immediate family, athletic trips, scheduled interviews, plant visits, and field trips, or other circumstances may make your class attendance impossible. Each of these situations will be evaluated on an individual basis. Students should make direct contact with his/her instructor preferably before a class. If the instructor cannot be reached in person, by e-mail, or by telephone, the student should leave a message in the instructor’s department mailbox. Students can only make up work from an authorized absence and permission from the instructor.

Attendance and Participation
IUPUI policy is attendance is mandatory. I take attendance at the start of each class; so make sure to sign the attendance sheet. Any student missing Three classes without an approved excuse will receive ONE GRADE LEVEL reduction. For each additional absence your grade will drop an additional grade level. Please be on time to class. A sign-in sheet will be distributed during each class period; it is your responsibility to sign it. If you are consistently late to class, 15 minutes or more, you will receive ONE WARNING and then if you continue you will receive ONE GRADE LEVEL reduction. If you are unable to attend, please send me a notice through ONCOURSE before class. Absences may be excused with valid doctor’s documentation or other extenuating circumstances. Students are expected to actively participate in class by asking questions and sharing any relevant experiences.

Software used:
Adobe Premier, Final Cut Pro( if you have it) Encore, Adobe After Effects, Adobe Photoshop Adobe Bridge, Microsoft excel and word

Communications
All class documents including assignments and syllabus are posted on ONCOURSE
You can also email or phone me at my office anytime with concerns, assistance outside about this class or other issues related to your life in the SOI at IUPUI. I'm a good listener.

Lectures and demonstrations
The class will be a lecture and activity format. Students will also be required to do some field visits to a public space such as a museum, park and cultural site-- thrown in to keep you interested. The textbook is required along with other reading or research assignment. It is up to the student to acquire any assignments and handouts. All assignments, readings, test/quizzes will be posted on ONCOURSE. If you miss a lecture, get notes from a classmate. I will review the test in class; it is open book and will be given on Oncourse (see schedule). My notes are not posted on ONCOURSE. It is up to you to take notes. You can use your laptop in class.

Assignments
All assignments will be discussed during the class and posted on ONCOURSE with deadlines. All exams, if given will be posted on ONCOURSE These assignments will sometimes be executed in class but not always and you will need to work on your own time to complete the assignment. IUPUI requires each class credit to assign a minimum of three hours per credit hour to each class a student is taking. So in a three-credit class such as this one, you are required to conduct three hours per credit or 9 hours of time beyond the class time. The assignments are meant to be challenging not overwhelming. Follow Instructions on each assignment word document posted to ONCOURSE carefully. If you have questions about assignments please contact the Instructor as soon as possible. All assignments are to be handed in on time; it is up to you to meet this deadline. Late work will not be accepted, unless excused for medical or other reasons discussed with the instructor prior to the due date. You will receive a zero for any assignment not turned in, with NO EXCEPTIONS. Think of it this way, if I was your boss and you didn’t do your work on time, you would most likely be fired. This is good preparation for life beyond SOI at IUPUI.

Snow or cancellation policy:
I will adhere to IUPUI’s school policy of cancellation due to bad weather. If for some reason I cannot make it to school I will post a message on ONCOURSE so please check it before you leave for class.

Dates for each class meeting:
Please consider this weekly syllabus as our guide to the semester. This class will meet in the classroom and be in the field, outside of class. Please wear appropriate wardrobe (*especially in the winter) and comfortable foot ware. Be prepared to do some walking, with equipment.

Other Policies
Students will be expected at all times to maintain the university’s standards of academic honesty and integrity. All students are responsible for reading the Code of Student Rights, Responsibilities and Conduct of IUPUI. Plagiarism will be considered to have occurred when a student presents as original, in either written or oral form, any idea that the student has acquired from an outside source. Because of the rapidly evolving nature of new media concepts, and the very wide range of cross-referenced possible sources, and to the extent that good ideas are often “in the air,” so to speak, it is acknowledged that ideas may form independently in students’ minds when clear sources or even nearly identical iterations of those ideas may be available in external sources. To that extent, and to the extent that innovation in new media is often judged by the slightest variation, and to the extent the instructor does not wish to inhibit the often spontaneous processes by which ideas grow and flower in an individual’s mind while the seed of that idea may be forgotten in the rush of development, plagiarism will be judged by degree and intent rather than a strict letter of the law. If it is determined, however, that plagiarism has occurred, it will be considered grounds for dismissal from class and other sanctions as stated in the Code of Student Rights, Responsibilities and Conduct of IUPUI. Work may be turned in any time prior to the due date. Work will be considered late if not turned in by the end of the class on the date expected.

Incompletes
The IUPUI Campus Bulletin presents the campus policy on incompletes, noting that a grade of incomplete may be assigned by an instructor when exceptional circumstances, such as illness, prevent students from finishing all works required in a course. The grade of I will be awarded only if the work is mostly complete, generally 75 to 80 percent, and of passing quality. The key decision in deciding whether or not to give an incomplete involves assessing whether or not the student has completed, at a passing level, enough of the course and whether "exceptional circumstances" apply. Exceptional circumstances can include the serious illness of the student, spouse or partner, child, or parent; or a fire or accident that interrupts the end of the semester. Note that an incomplete is never warranted as a remedy for procrastination.

Academic Honesty
All students in New Media should aspire to high standards of academic honesty. This class encourages cooperation and the exchange of ideas. However, students are expected to do their own work.

Plagiarism (adapted from the definition by the School of Liberal Arts)
Plagiarism is the use of the work of others without properly crediting the actual source of the ideas, words, sentences, paragraphs, entire articles, music or pictures. Using other students’ work (with or without their permission) is still plagiarism if you don’t indicate who initially did the work. Plagiarism, a form of cheating, is a serious offense and will be severely punished. When an instructor suspects plagiarism, he/she will inform the student of the charge; the student has the right to respond to the allegations. Students whose work appears to be plagiarized may be asked to produce earlier drafts of the work. Students should, for this reason and as a protection in cases of lost papers, diskettes, retain rough drafts, notes and other work products for 2 or 3 weeks after the
end of each semester. The penalties for plagiarism include reprimands, being failed for a particular exam, paper, project or the entire course, disciplinary probation, or dismissal. Faculty, after consulting with their chair and or the dean must notify students in writing of their decision.

Students have the right to appeal such decisions by the submitting a petition. All students are responsible for reading the Code of Student Rights, Responsibilities, and Conduct of Indiana University Purdue University Indianapolis.

**Liability Warning**

Your student ID and password are private! Under no circumstance are you to give them out to anyone. If another person uses your ID or password you will be held personally responsible for any and all activity on your computer account. If plagiarism is involved you run the risk of being dismissed from the school. If a computer or software is damaged you are responsible for repair and replacement. Loaning out your ID or password involves too much risk.

“A student must not violate course rules as contained in a course syllabus, which are rationally related to the content of the course or to the enhancement of the learning process in the course.” [Code of Student Rights, Responsibilities, and Conduct, page 29]

**Administrative Withdrawal:**

A basic requirement of this course is that you will participate in all class meetings and conscientiously complete all required course activities and/or assignments. Keep in touch with me if you are unable to attend, participate, or complete an assignment on time. If you miss more than half of the required activities within the first 25% of the course without contacting me, you may be administratively withdrawn from this course.

Example: *Our course meets once/twice per week; thus if you miss more than two/four classes in the first four weeks*, you may be withdrawn. Administrative withdrawal may have academic, financial, and financial aid implications. Administrative withdrawal will take place after the full refund period, and if you are administratively withdrawn from the course you will not be eligible for a tuition refund. If you have questions about the administrative withdrawal policy at any point during the semester, please contact me.