

**San José State University**  
**Department of Art & Art History**  
**Phot 121, Introduction to Studio Lighting, Section 2**  
**Spring 2021**

**Course and Contact Information**

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<b>Instructor:</b>	<b>Yvonne D. Williams</b>
<b>Office Location:</b>	<b>Zoom only, link is on Canvas</b>
<b>Telephone:</b>	<b>408. 924.4690</b>
<b>Email:</b>	<b><a href="mailto:yvonne.williams@sjsu.edu">yvonne.williams@sjsu.edu</a></b>
<b>Office Hours:</b>	<b>M/W 10:30 – 12:00 via zoom meeting and by appointment, link is on Canvas</b>
<b>Class Days/Time:</b>	<b>M/W 3:00 – 5:50</b>
<b>Classroom:</b>	<b>Online</b>
<b>Prerequisites:</b>	<b>Photo 40</b>
<b>Department Office:</b>	<b>ART 116</b>
<b>Department Contact:</b>	<b>Website: <a href="http://www.sjsu.edu/art">www.sjsu.edu/art</a> Email: <a href="mailto:art@sjsu.edu">art@sjsu.edu</a></b>

**Server Information –Assignments, Readings, Handouts**

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Assignments, readings, handouts and other information will be on Canvas, as well as, in your reader. I will be using CANVAS to upload all materials and to send out pertinent email notifications. To access CANVAS, go to: <https://sjsu.instructure.com> I would suggest you make copies of any information that would be useful to read or use as a guide while working on your computer.

**Course Description**

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Catalog Description: *Concepts and principles of lighting using both daylight and incandescent light sources and the use of standard studio lighting equipment.*

Introduction to Studio Lighting is a beginning studio course. The emphasis of this course will be to learn to see and utilize light in an effective manner that can be applied to all applications of photography. This semester students will be working with their camera equipment and will learn how to make and utilize common objects to create a studio environment anywhere. This class will expose students to professional modification of light and shadow, studio practices, advanced color theory, color management, and engage them in creative problem solving while learning effective aesthetic and technical concerns of visual perception and communication.

## Course Learning Outcomes (CLO)

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The course will be taught through invigorating (!) lectures, lively demonstrations, studio-shooting assignments, and informative critiques in which all are expected to participate. You will learn to effectively see how light and shadow, shape and inform. As you proceed into this semester, take the time to thoroughly observe light in intimate spaces and public environments, at all times of the day and night and under all weather conditions. Notice how the mood of the person, place, or object change as the light changes. In the studio you will learn to recreate 'natural' light and manipulate light and shadow to express your ideas.

Upon successful completion of this course, students will be able to:

1. CLO1 Effectively see how light and shadow, shape and inform.
2. CLO2 To recreate 'natural' light by successfully learning the qualities of studio lighting equipment and to manipulate light and shadow to express emotion, content, and ideas.
3. CLO3 Use a variety of software including remote capture.
4. CLO4 Establish an effective workflow and master color management.
5. CLO5 Use Lightroom to capture, edit, organize, and enhance images.
6. CLO6 Use retouching techniques specific to each assignment and to go beyond traditional lighting by using layers of multiple images to create one image.
7. CLO7 Use Photoshop more effectively to create a final professional image in post-production.
8. CLO8 Effectively describe, discuss, and write about what constitutes a strong commercial image.
9. CLO9 Create layouts for publications.
10. CLO10 Recognize leaders in the field of commercial photography and their 'style'.

## Required Texts/Readings

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- SJSU Photo Lab Manual: available online
- PHOTO 121 Reader: Available online on Canvas- ready to download and print

## Technology Requirements / Equipment / Materials

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- Laptop Computer: PC or MAC and a back up hard drive is always recommended
- You MUST have your own laptop computer to take this course and with all things computer- the newer the more compatible.
- Software- Adobe Lightroom and Photoshop: Do not purchase this, Adobe offers software while a student at SJSU.
- A tether cord for your laptop to your camera
- DSLR with a Memory Card at least 16G
- Tripod
- USB

## Library Liaison

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**Gareth Scott:**

Email: [gareth.scott@sjsu.edu](mailto:gareth.scott@sjsu.edu)

Phone: (408) 808-2094

## Online Classroom Protocol

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- We will be online for the semester. All classes will meet via Zoom during the regular class hours. Zooming is vital for us to connect with one another.
- Everyone should be seated and properly dressed for classroom attendance. I request that all arrive punctually for the Zoom classes.
- Students wishing to speak should use the “hand raise” icon in the participant list. Questions and comments may be entered anytime during the session in the “chat” box.
- I expect you to be located somewhere that you will be able to focus without distractions and to be visible at all times with your audio on – participation is key to online learning. If you cannot follow this request, please talk to me at the beginning of the semester.
- Professional courtesy is expected. Late arrivals may have to wait a few minutes before entering the Zoom session, late admission requires intermittently checking the “waiting room.”
- Most sessions will be recorded and uploaded to Canvas.
- Zoom Meeting Transcripts: Zoom allows participants to communicate with all group participants, please be aware that all of the group messages and all private messages will be included in the meeting transcript.
- **Zoom Meeting Attendance Report:** Zoom provides a roster of people who attended the meeting along with the times they joined and left the meeting.

## Course Requirements and Assignments

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SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in [University Policy S12-3](#) at <http://www.sjsu.edu/senate/docs/S12-3.pdf>.

## Canvas Modules and a reader is available for you to utilize

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The reader contains an overview of this course and photoshop instructions. It is uploaded onto Canvas and may be downloaded and printed as needed.

Canvas modules will be used extensively and will have all assignments, quizzes and videos. I have set up tutorials in Canvas for you to watch and there will be a few practice lessons to make certain everyone is up to speed before we continue.

## Grading Policy

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**The work created in class will be evaluated based on the following criteria.**

A: **Outstanding:** thoughtful and intelligent ideas presented in a clear, organized, and engaging manner; among the very best.

**B: Above Average - Good:** the ideas are interesting and successfully presented; shows potential, but not necessarily distinctive; roughly equal in quality to the majority of work completed by other students.

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**C: Average - mediocre:** achieves minimum requirements of the assignment, but not particularly clear, nor ambitious. Quality of work is below that of most other projects submitted. May be above average idea presented in incomplete state.

**D: Unsatisfactory:** does not satisfy the minimum requirements of the assignment; generally unsatisfactory in terms of quality and clarity.

**F:** You didn't submit an assignment.

## Determination of Grades

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### Criteria per studio assignments

Lighting	40 points
Design/ Visual impact	30 points
Concept	30 points

Poor presentation on final portfolio	- one letter grade less
Missed Deadline for Critique	- one letter grade less, per day late
More than one concept explored	- plus 1/2 letter grade

## Final Grades

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Studio Assignments #1-4	10 points each =	40 points
Studio Assignments #5-8	15 points each =	45 points
Gaffers Kit, Writings, Quizzes		5 points
Final Presentation of Portfolio		<u>10 points</u>
		100 Points

## Final Examination

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Final exam will be by portfolio review, details are in your reader.

## University Policies

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Per [University Policy S16-9](http://www.sjsu.edu/senate/docs/S16-9.pdf) (<http://www.sjsu.edu/senate/docs/S16-9.pdf>), relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>". Make sure to visit this page, review and be familiar with these university policies and resources.

## Department Advising

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For information about majors and minors in Art & Art History, for change of major/minor forms and a list of advisors: <http://www.sjsu.edu/art/> or the Art & Art History department office in ART 116  
\_408-924-4320      [art@sjsu.edu](mailto:art@sjsu.edu)

## **Major/Minor Degrees in Photography**

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For change of major/minor forms and a list of advisors: <http://www.sjsu.edu/art/> or the Art & Art History department office in ART 116, 408-924-4320, [art@sjsu.edu](mailto:art@sjsu.edu)

- Dates for BFA in Photography submissions will be announced during the first month of classes.

## **SJSU Counseling Services**

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The SJSU Counseling Services is located on the corner of 7<sup>th</sup> Street and San Fernando Street, in Room 201, Administration Building. Professional psychologists, social workers, and counselors are available to provide consultations on issues of student mental health, campus climate or psychological and academic issues on an individual, couple, or group basis. To schedule an appointment or learn more information, visit [Counseling Services website](http://www.sjsu.edu/counseling) at <http://www.sjsu.edu/counseling>.

## **Emergency Phone Numbers while on campus**

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**Emergency: 911**

**Escort Service: 42222**

## PHOT 121 / Intro to Studio Lighting, Section 2

### Spring 2021 Course Schedule

This schedule is subject to change with fair notice and notice will be made available during zoom meetings or via email and listed on canvas.

Week	Date	Topics, Readings, Assignments, Deadlines
1	W Jan. 27	<p><b>Introductions:</b></p> <ul style="list-style-type: none"> <li>• Canvas, Syllabus, Adds and Class overview</li> </ul> <p><b>Images:</b></p> <ul style="list-style-type: none"> <li>• What is Commercial Photography?</li> </ul> <p><b>Homework: Due: Sunday, Feb. 2 by 11:59 pm</b></p> <ul style="list-style-type: none"> <li>• Canvas: Introductory letter in Assignments</li> <li>• Quiz on Materials posted on Canvas</li> <li>• A quick 'hello' in Discussions on Canvas</li> </ul>
	M Feb. 1	<p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• What makes a great commercial photograph?</li> </ul> <p><b>Video and Slides:</b></p> <ul style="list-style-type: none"> <li>• Using Light in and out of the Studio</li> </ul> <p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• How we see light (things your mother never told you...)               <ol style="list-style-type: none"> <li>1. Quality, Quantity, Color &amp; Direction of LIGHT</li> <li>2. Visual Perception</li> </ol> </li> <li>• Gaffer's kit</li> </ul> <p><b>Homework: Due: Sunday, Feb. 7 11:59 pm</b></p> <ul style="list-style-type: none"> <li>• Writing Assignment #1 Good Ads</li> <li>• Writing Assignment #2 Terrible Ads</li> </ul>
2	W Feb. 3	<p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• The Camera and its Light Meter – the mystery unveiled</li> <li>• Quality, Quantity, Color &amp; Direction of Light reviewed</li> <li>• Remote capture and Lightroom</li> </ul> <p><b>Homework: Due: Sunday, Feb. 7, 11:59 pm</b></p> <ul style="list-style-type: none"> <li>• Writing Assignment #1 Good Ads</li> <li>• Writing Assignment #2 Terrible</li> </ul>

Week	Date	Topics, Readings, Assignments, Deadlines
	M Feb. 8	<p><b>Due:</b></p> <ul style="list-style-type: none"> <li>• <b>Writing Assignments #1 and #2</b></li> </ul> <p><b>Slides:</b></p> <ul style="list-style-type: none"> <li>• Direction of Light</li> <li>• Using Backdrops to isolate your subject</li> </ul> <p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• How to create Soft Light vs. Hard Light</li> <li>• Using a Reflector or a Bounce Card</li> <li>• Make your own backdrops – cloth or paper</li> <li>• 360 degrees of Light</li> </ul>
3	W Feb. 10	<p><b>Lecture and Video:</b></p> <ul style="list-style-type: none"> <li>• How to make your own Lights</li> <li>• Making Contact Sheets in LR</li> </ul> <p><b>Homework: Due: Sunday Feb. 14 by 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Your Lights</li> <li>• Your Background</li> </ul>
	M Feb. 15	<p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• Using your Lights</li> <li>• Using your Background cloth/ paper</li> <li>• Making Contact Sheets using Lightroom</li> </ul> <p><b>Homework: Due: Sunday Feb. 21 by 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Assignment #1A: Shooting <i>Time of Day</i></li> <li>• Using your Background</li> <li>• Using a Reflector or Bounce card</li> <li>• Upload Contact sheets via Canvas</li> </ul>
4	W Feb. 17	<p><b>Open Lab:</b></p> <ul style="list-style-type: none"> <li>• <b>Shooting Assignment 1A, <i>Time of Day</i></b></li> </ul> <p><b>Individual meetings:</b></p> <ul style="list-style-type: none"> <li>• <b>Sign up for assistance</b></li> </ul>

Week	Date	Topics, Readings, Assignments, Deadlines
	M Feb. 22	<p><b>Critique:</b></p> <ul style="list-style-type: none"> <li>• <b>Assignment 1A – Time of Day</b></li> </ul> <p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• Photographing an Apple in 360 degrees,- <b>Direction of Light</b>, Assignment #1B</li> <li>• Lightroom to Photoshop, Color Management Basic</li> <li>• Making a set using Vinyl tiles</li> </ul> <p><b>Slides/Video:</b></p> <ul style="list-style-type: none"> <li>• Direction of Light</li> </ul> <p><b>Homework: Due: Sunday, Feb. 28, 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Making a set using Vinyl tiles</li> <li>• Upload a Contact Sheet of your Set{s}</li> </ul>
5	W Feb. 24	<p><b>Homework: Due: Sunday, Feb. 28, 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Assignment #1B: <b>Direction of Light</b></li> <li>• Upload Contact Sheet via Canvas</li> </ul>
	M Mar. 1	<p><b>Critique:</b></p> <ul style="list-style-type: none"> <li>• Assignment #1B , <b>Direction of Light</b></li> </ul> <p><b>Homework: Due: Sunday, Mar. 7, 11:59pm</b></p> <ul style="list-style-type: none"> <li>• <b>Quiz #2</b></li> <li>• Video: How to Shoot Glass</li> <li>• Video: Using Props</li> <li>• Video: Studio Lights</li> <li>• CS Assignment #2, <b>Glass Product</b></li> </ul>



Week	Date	Topics, Readings, Assignments, Deadlines
6	W Mar. 3	<p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• Photographing a Glass product</li> <li>• Using Props</li> </ul> <p><b>Slides:</b></p> <ul style="list-style-type: none"> <li>• Glass Products, Assignment #2</li> </ul> <p><b>Homework: Due: Sunday, March 7, 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Assignment #2, 40+ Images, 2+ Contact Sheets – Uploaded</li> </ul>
	M Mar. 8	<p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• How to use LR and PS with Glassware</li> </ul> <p><b>Homework: Due: Sunday, March 7, 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Assignment #2, 40+ Images, 2+ Contact Sheets – Uploaded</li> </ul>
7	W Mar. 10	<p><b>Open Lab: Shooting GW and post production</b></p> <p><b>Video:</b></p> <ul style="list-style-type: none"> <li>• How to use LR and PS with Glassware</li> </ul> <p><b>Homework: Due: Sunday, March 14 11:59pm</b></p> <ul style="list-style-type: none"> <li>• 2 Before PS and 2 After PS uploaded to Canvas as jpgs.</li> </ul>
	M Mar. 15	<p><b>Critique: Assignment #2, Glass Product</b></p> <ul style="list-style-type: none"> <li>• 2 Before and 2 After Images</li> <li>• Labeled Correctly</li> <li>• Sized Correctly</li> </ul>

Week	Date	Topics, Readings, Assignments, Deadlines
8	W Mar. 17	<p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• Assignment #3 and #4 The Food Shot</li> <li>• The Magazine Layout</li> <li>• PROPS, PROPS, and More Props</li> </ul> <p>Slides/Video:</p> <ul style="list-style-type: none"> <li>• Assignment #3 and #4 The Food Shot</li> <li>• The Magazine/Cookbook Layout</li> </ul> <p><b>Homework: Due: Sunday, Oct. 11, 11:59pm</b></p>
	M Mar. 22	<p><b>Homework: Due: Wed, March 24, 12:00 pm/ noon</b></p> <ul style="list-style-type: none"> <li>• Quiz #3: The Food Shot</li> <li>• Contact Sheets, 20+ Images, 1+ Contact sheet(s) Uploaded</li> </ul>
9	W Mar. 24	<p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• The Food Shot, 1<sup>st</sup> set of Contact Sheets</li> </ul> <p><b>Homework: Due: Sunday, April 4, 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Assignment #3, 40 Images, 2 Contact Sheets – Uploaded as a pdf</li> <li>• Assignment #4, The Magazine Layout- upload as a PDF</li> </ul>
	Mar. 29 – April 2	<p><b>!!!!!!!!!!!!!!!!!!!!!! Spring Break !!!!!!!!!!!!!!!!!!!!!!!</b></p>
	M Apr. 5	<p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• Ways to improve your Food Shot and Cookbook/ Magazine cover</li> </ul>
10	W Apr. 7	<p><b>Critique:</b></p> <ul style="list-style-type: none"> <li>• The Food Shot</li> <li>• The Cookbook/ Magazine Cover and Layout</li> </ul>

Week	Date	Topics, Readings, Assignments, Deadlines
11	M Apr. 12	<p><b>Slides:</b></p> <ul style="list-style-type: none"> <li>• The Character</li> <li>• The Character in Photoshop</li> </ul> <p><b>Homework: Due: Sunday, April 18 11:59 pm</b></p> <ul style="list-style-type: none"> <li>• Planning for the Character Shot</li> <li>• Shooting The Character Shot, 1<sup>st</sup> set of 2+ CS, 40+ images</li> </ul>
	W Apr. 14	<p><b>Studio:</b></p> <ul style="list-style-type: none"> <li>• The Character</li> </ul>
12	M Apr. 19	<p><b>CRITIQUE:</b></p> <ul style="list-style-type: none"> <li>• The Character Shot</li> <li>• Contact Sheets</li> <li>• 2 Before and 2 After</li> </ul>
	W Apr. 21	<p><b>Slides:</b></p> <ul style="list-style-type: none"> <li>• Inside/Outside shoot</li> </ul> <p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• Dropping in backgrounds via Photoshop</li> <li>• Remaining Assignments</li> <li>• Photo Shop advanced</li> </ul> <p><b>Group:</b></p> <ul style="list-style-type: none"> <li>• Discussion and Planning Inside/ Outside shot</li> </ul> <p><b>Homework: Due: Sunday, April 25</b></p> <ul style="list-style-type: none"> <li>• Quiz #4</li> <li>• Video on Dropping in Background</li> <li>• Looking For Props</li> <li>• Assignment #6, 1<sup>st</sup> set of CS</li> </ul>

Week	Date	Topics, Readings, Assignments, Deadlines
13	M Apr. 26	<p><b>Slides:</b></p> <ul style="list-style-type: none"> <li>• Inside/Outside shoot</li> </ul> <p><b>Lecture:</b></p> <ul style="list-style-type: none"> <li>• Dropping in backgrounds via Photoshop</li> <li>• Remaining Assignments</li> <li>• Photo Shop advanced</li> </ul> <p><b>Group:</b></p> <ul style="list-style-type: none"> <li>• Discussion and Planning Inside/ Outside shot</li> </ul> <p><b>Homework: Due: Sunday, April 27</b></p> <ul style="list-style-type: none"> <li>• Quiz #4</li> <li>• Video on Dropping in Background</li> <li>• Looking For Props</li> <li>• Assignment #6, 1<sup>st</sup> set of CS</li> </ul>
14	W Apr. 28	<p><b>CRITIQUE:</b></p> <ul style="list-style-type: none"> <li>• Inside/ Outside</li> </ul>
15	M May 3	<p><b>Slides:</b></p> <ul style="list-style-type: none"> <li>• The Editorial Shot</li> </ul> <p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• The Editorial Shot</li> </ul>
	W May 5	<p><b>Studio:</b></p> <ul style="list-style-type: none"> <li>• Editorial shot</li> </ul> <p><b>Homework: Due: Sunday, May 9 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Editorial Shot</li> <li>• 1<sup>st</sup> Set of Contact Sheets</li> </ul>

Week	Date	Topics, Readings, Assignments, Deadlines
16	M May 10	<p><b>Studio:</b></p> <ul style="list-style-type: none"> <li>• Editorial shot</li> </ul> <p><b>Homework: Due: Sunday, May 12 by 12:00 pm/ noon</b></p> <ul style="list-style-type: none"> <li>• Editorial Shot</li> <li>• 2<sup>nd</sup> Set of Contact Sheets</li> </ul>
	W May 12	<p><b>Discussion:</b></p> <ul style="list-style-type: none"> <li>• The Editorial Shot</li> </ul> <p><b>Homework: Due: Sunday, May 16 by 11:59pm</b></p> <ul style="list-style-type: none"> <li>• Editorial Shot</li> <li>• 3<sup>rd</sup> Set of Contact Sheets</li> </ul>
	M May 17	<p><b>Critique:</b></p> <ul style="list-style-type: none"> <li>• Editorial Shot: 2 After Images</li> </ul>
Finals		<p><b>Section 2: May 21, Friday: meets at 12:15pm</b></p>