

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

Fall 2021

Course and Contact Information

Instructor(s): Shahzad Bhiwandiwala
Office Location: TBD
Telephone: TBD
Email: TBD
Office Hours: Monday: 10:00 am - 12:00 pm
Tuesday: 11:00 am - 1:00 pm
Class Days/Time: Monday: 12:30 pm -
Classroom: Zoom; Onsite TBD
Prerequisites: Photo 40

Course Description

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. Professional equipment will include - digital cameras, digital capture software, hand-held meters, and a variety of studio hot (continuous) lights and their accessories. This class will expose students to professional 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 Format

Technology Intensive, Hybrid, and Online Courses

Faculty Web Page and MYSJSU Messaging

Course materials such as syllabus, handouts, notes, assignment instructions, etc. can be found on my faculty web page at <http://www.sjsu.edu/people/firstname.lastname> and/or on [Canvas Learning Management System course login website](#). You are responsible for regularly checking with the messaging system through [MySJSU](#)

on [Spartan App Portal](#) (or other communication system as indicated by the instructor) to learn of any updates. For help with using Canvas see [Canvas Student Resources page](#).

Program Information

Website: www.sjsu.edu/art

Email: art@sjsu.edu

Course Learning Outcomes (CLO)

The course will be taught through participation-based lectures, practical demonstrations, studio-shooting assignments, and informative critiques in which all are required to participate. You will learn to effectively see how light and shadow, shape and inform your work. 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:

- CLO1 Effectively see how light and shadow, shape and inform.
- 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.
- CLO3 Use a variety of software including remote capture.
- CLO4 Establish an effective workflow and master color management.
- CLO5 Use Lightroom to capture, edit, organize, and enhance images.
- CLO6 Use retouching techniques specific to each assignment and to go beyond traditional lighting by using layers of multiple images to create one image.
- CLO7 Use Photoshop more effectively to create a final professional image in post-production.
- CLO8 Effectively describe, discuss, and write about what constitutes a strong commercial image.
- CLO9 Create layouts for publications.
- CLO10 Work as a team player as most assignments are accomplished with the assistance of a partner.
- CLO11 Recognize leaders in the field of commercial photography and their 'style'.

Texts/Readings

Textbook

SJSU Photo Lab Manual: available online

Other Readings

Insert the list of any additional readings here and specify where they can be found. Include if applicable.

Other technology requirements / equipment / material

Laptop Computer: PC or MAC

Software: Photoshop CC 2017 and Lightroom 5+

- You MUST have your own laptop computer to take this course.
- Software - Adobe Lightroom and Photoshop: Do not purchase this, Adobe offers software while a student at SJSU.

- A USB thumb drive/ memory stick with a large memory.
- Journal (Physical or Digital)

The next few items are advised but not necessary:

- Gray Card
- Light Meter
- 5 in 1 Reflector

Library Liaison

Gareth Scott email: gareth.scott@sjsu.edu phone: (408) 808-2094

Dr. Martin Luther King, Jr. Library
4th Floor Administration Office

Course Requirements and Assignments

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>.

Final Examination or Evaluation

Insert descriptions of your final examination or evaluation information here. More details can be found in [University policy S17-1](#) which states that

“Faculty members are required to have a culminating activity for their courses, which can include a final examination, a final research paper or project, a final creative work or performance, a final portfolio of work, or other appropriate assignment.”

Grading Information

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.

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.

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 Bifurcation

Studio Assignments #1-4 100 points each = 400 points
Mid Term Assignment = 150 points
Studio Assignments #6, #7, #8 100 points each = 300 points
Gaffers Kit, Writings, Quizzes = 050 points
Final Presentation of Portfolio = 100 points
Total = 1000 Points

Final Examination

Final exam will be by portfolio review.

<i>Grade</i>	<i>Points</i>	<i>Percentage</i>
<i>A plus</i>	<i>960 to 1000</i>	<i>96 to 100%</i>
<i>A</i>	<i>930 to 959</i>	<i>93 to 95%</i>
<i>A minus</i>	<i>900 to 929</i>	<i>90 to 92%</i>
<i>B plus</i>	<i>860 to 899</i>	<i>86 to 89 %</i>
<i>B</i>	<i>830 to 859</i>	<i>83 to 85%</i>
<i>B minus</i>	<i>800 to 829</i>	<i>80 to 82%</i>
<i>C plus</i>	<i>760 to 799</i>	<i>76 to 79%</i>
<i>C</i>	<i>730 to 759</i>	<i>73 to 75%</i>
<i>C minus</i>	<i>700 to 729</i>	<i>70 to 72%</i>
<i>D plus</i>	<i>660 to 699</i>	<i>66 to 69%</i>
<i>D</i>	<i>630 to 659</i>	<i>63 to 65%</i>
<i>D minus</i>	<i>600 to 629</i>	<i>60 to 62%</i>

Classroom Protocol

- Students are expected to actively engage during lectures by contributing to the discussions and critiques on hand. Grading for the class would be on the basis of meeting deadlines, participation in discussion and critique and growth in quality of work.
- Assignments should be completed by the given due date, should any extenuating circumstance occur, students are expected to reach out to the instructor prior to the due date. Aforementioned circumstances include: medical reasons, family emergencies, public health and safety concerns etc.
- Work submitted in the week after the due date is marked down by 1 letter grade. Anything after that does not get a grade.

- Doctor' are required to support absence of more than 2 weeks in the class.
- Students are expected to be respectful of their classmates and should strive to maintain a healthy discourse in the class.
- Use of mobile phones is not permitted, should there be any reason to do so, students may excuse themselves from the class for the duration of use.
- All work submitted must be created within the course of the week from when the assignment has been given to its due date unless specified otherwise.
- Plagiarism will result in not being graded for the assignment.
- Following the Grading Rubrik is highly advised to meet the requirements of the assignments.
- I am available for the most part over email and would get back to you in a period of 24 hours.

University Policies

Per University Policy S16-9 (<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 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

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

Major/Minor Degrees in Photography

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

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

SJSU Counseling Services

The SJSU Counseling Services is located on the corner of 7th 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 at

<http://www.sjsu.edu/counseling>.

Emergency Phone Numbers while on campus

Emergency: 911

Escort Service: 42222

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Course Schedule

Week/Lesson /Module	Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add extra column(s) to meet your needs.)</i>
1	M Aug 23	<p>Introductions:</p> <ul style="list-style-type: none"> • Canvas, Syllabus, Adds and Class overview <p>Discussion: Images: What is Commercial Photography?</p> <p>Homework: Due: Sunday, Aug. 29 by 11:59 pm</p> <ul style="list-style-type: none"> • Canvas: Introductory letter in Assignments • Upload any 5 pieces you cherish from your portfolio on Canvas. • A quick 'hello' in Discussions on Canvas
	W Aug 25	<p>Discussion:</p> <ul style="list-style-type: none"> • What makes a great commercial photograph? <p>Video and Slides:</p> <ul style="list-style-type: none"> • Using Light in and out of the Studio <p>Lecture:</p> <ul style="list-style-type: none"> • How we see light: Quality, Quantity, Color & Direction of Light Visual Perception • Gaffer's kit <p>Homework: Due: Sunday, Aug. 29 by 11:59 pm</p> <ul style="list-style-type: none"> • Writing Assignment #1a 4 Good Ads: 200 Words on why they are good or considered good. Agree or Disagree.
2	M Aug 30	<p>Due:</p> <ul style="list-style-type: none"> • Writing Assignments #1a <p>Lecture:</p> <ul style="list-style-type: none"> • The Camera and its Light Meter • Quality, Quantity, Color & Direction of Light reviewed • Remote capture and Lightroom <p>Homework: Due: Sunday, Sep. 5 by 11:59 pm</p> <ul style="list-style-type: none"> • Writing Assignment #1b 4 Terrible Ads: 200 Words on why they are terrible or considered terrible. You may Agree or Disagree.

Week/Lesson /Module	Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add extra column(s) to meet your needs.)</i>
	W Sep 1	<p>Slides:</p> <ul style="list-style-type: none"> • Direction of Light • Using Backdrops to isolate your subject <p>Lecture:</p> <ul style="list-style-type: none"> • How to create Soft Light vs. Hard Light • Using a Reflector or a Bounce Card • Make your own backdrops – cloth or paper • 360 degrees of Light • Assigning Partners <p>Homework: Due: Sunday, Sep. 5 by 11:59 pm</p> <ul style="list-style-type: none"> • Writing Assignment #1b 4 Terrible Ads: 200 Words on why they are terrible. You may Agree or Disagree.
3	M Sep 6	LABOUR DAY
	W Sep 8	<p>Due:</p> <ul style="list-style-type: none"> • Writing Assignments #1b <p>Demo: Light & Light Ratios</p> <p>Studio: Portraits of Partners.</p> <p>Bring In: Computer w/ LR 2019 and Photoshop 2019 installed.</p> <p>Homework: Due: Sunday, Sep. 12 by 11:59 pm</p> <ul style="list-style-type: none"> • Writing Assignment #2 Google Search Commercial Photography. 5 Commercial Photographers. 1 image from each photographer. Photographers from different fields.
4	M Sep 13	<p>Studio:</p> <ul style="list-style-type: none"> • Shooting Perspective • Prep for The Bowl • Working with Light and Shadow <p>Homework: Due: Sunday, Sep. 12 by 11:59 pm</p> <ul style="list-style-type: none"> • Writing Assignment #2 Google Search Commercial Photography. 5 Commercial Photographers. 1 image from each photographer. Photographers from different fields.
	W Sep 15	<p>Due:</p> <ul style="list-style-type: none"> • Writing Assignment #2 <p>Studio: Welcome to the Bowl.</p>

Week/Lesson /Module	Date	Topics, Readings, Assignments, Deadlines (If appropriate, add extra column(s) to meet your needs.)
5	M Sep 20	<p>Critique:</p> <ul style="list-style-type: none"> • Bowl Images peer critique <p>Discussion:</p> <ul style="list-style-type: none"> • Writing Assignment #2 <p>Lecture:</p> <ul style="list-style-type: none"> • Upcoming assignment – Unique Glass Products • Making Contact Sheets • Lightroom to Photoshop, Color Management Basics <p>Demo: Product with Attitude, Gels</p> <p>Studio:</p> <ul style="list-style-type: none"> • Prepping for Unique Glass Products
	W Sep 22	<p>Studio:</p> <ul style="list-style-type: none"> • Gathering of supplies for the Glass Assignment • Planning session for Glass Assignment
6	M Sep 27	<p>Studio:</p> <ul style="list-style-type: none"> • Unique Glass Products
	W Sep 29	<p>Studio:</p> <ul style="list-style-type: none"> • Unique Glass Products
7	M Oct 4	<p>Lecture: Lightroom and Photoshop + Retouching including Glass and Food</p> <p>Slides: Food Shots and The Magazine Layout (Mid-Term Assignment)</p> <p>Homework: Due: Sunday, Oct. 10 by 11:59 pm</p> <ul style="list-style-type: none"> • 5 Food Photography Images from the Web • Find Props for food photography • Buy Garnish
	W Oct 6	<p>Critique: Unique Glass Products - turn in 2+ Contact sheets</p> <p>Homework: Due: Sunday, Oct. 10 by 11:59 pm</p> <ul style="list-style-type: none"> • 5 Food Photography Images from the Web • Find Props for food photography • Buy Garnish
8	M Oct 11	<p>Due: 5 Food Photography Images from the Web</p> <p>Bring In: Props & Garnish</p> <p>Studio: Food Shoot – Main Image and Layout Image</p>

Week/Lesson /Module	Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add extra column(s) to meet your needs.)</i>
	W Oct 13	Studio: Food Shoot – Main Image & Layout Images Hands-on: Photoshop assistance
9	M Oct 18	Studio: Food Shoot – Main Image & Layout Images Hands-on: Photoshop assistance
	W Oct 20	Critique: Food Shot and Layout, Also Due (3) + Contact sheets *Optional Resubmit of Studio Assignments so far Due on Wed Oct 27
10	M Oct 25	Slides: <ul style="list-style-type: none"> • The Character • The Character in Photoshop • Before and After Glassware and Food Shots Demo: How to set up background poles, fabric, paper backdrops Homework: Due On Sun 31 by 11:59 pm Planning for the Character Shot
	W Oct 27	Studio: Resubmission Shoot Day Homework: Due On Sun 31 by 11:59 pm <ul style="list-style-type: none"> • Planning for the Character Shot • Edited Images from Resubmission
11	M Nov 1	Studio: The Character
	W Nov 3	Studio: The Character
12	M Nov 8	Critique: The Character Shot - turn in Contact sheets Discussion: Group Assignment: Planning Inside/ Outside shot Homework: Seek out props for Inside/Outside
	W Nov 10	Slides: Inside/Outside shoot Lecture: <ul style="list-style-type: none"> • Dropping in backgrounds via Photoshop

Week/Lesson /Module	Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add extra column(s) to meet your needs.)</i>
		<ul style="list-style-type: none"> • The Character in Photoshop • Remaining Assignments • Photoshop advanced <p>Discussion: Group Assignment: Planning Inside/ Outside shot</p> <p>Studio: Bring in Props: Inside/ Outside Shoot</p> <p>Homework: Due on Sun Nov 28, by 11:59 PM Editorial Research paper. 600 Words on a topic of your choice.</p>
13	M Nov 15	<p>Studio: Inside/ Outside Shoot</p> <p>Homework: Due on Sun Nov 28, by 11:59 PM Editorial Research paper. 600 Words on a topic of your choice.</p>
	W Nov 17	<p>Studio: Inside/ Outside Shoot</p> <p>Homework: Due on Sun Nov 28, by 11:59 PM Editorial Research paper. 600 Words on a topic of your choice.</p>
14	M Nov 22	<p>Due: Editorial Research paper.</p> <p>Critique: Inside/ Outside - turn in Contact sheets</p> <p>Slides: The Editorial Shoot</p>
	W Nov 24	THANKSGIVING HOLIDAY
15	M Nov 29	<p>Studio: Editorial shoot</p>
	W Dec 1	<p>Studio: Editorial shoot</p>
16	M Dec 6	<p>LAST DAY OF CLASS</p> <p>Critique: Editorial shoot</p> <p>Discussion: Closing Thoughts</p>
17	M Dec 10	<p>Due: Optional Resubmit / Re-Edits of All Studio Assignments on Canvas.</p>
	T Dec 14	<p>Finals 12:15 – 2:30 PM</p>

Week/Lesson /Module	Date	Topics, Readings, Assignments, Deadlines <i>(If appropriate, add extra column(s) to meet your needs.)</i>
Final Exam		Venue and Time

EXTRA CREDIT ASSIGNMENT:

To be Submitted by Sunday Dec 6 by 11:59 PM

Assignment:

Your Imagination Realized

Task:

Create 3 images using any subject matter to depict anything from your imagination.