



**DES INV 98/198**

# Photography Principles

Tuesday 6 PM – 8 PM

innod.decal@gmail.com

## SYLLABUS

### ■ Course Objective

In this class, students will be introduced to the history, art, and practices of photography in the modern world. Students will learn how to manually operate a digital SLR camera, how to use lighting in conjunction with posing to create compositions, and how to post-process RAW photos. Different disciplines will also be taught and include portraiture, landscape, architecture, product, studio and more. Over the semester, students will learn critiques of photos and develop a more artistic eye for photos.

### ■ Course Structure

A two-hour lecture every week will include learning new material, homework reviews, photo critiques, guest speakers, and photography exercises. Homework will be assigned every week and will be due before the next lecture. Assignment will include taking photos with techniques relevant to the corresponding lecture. A midterm project and final project will be given. These projects will take several hours to complete. Students will receive feedback in the form of critiques during class and/or office hours. Students will display their projects at a showcase at the end of the semester.

### ■ Attendance

Attendance is mandatory and will be taken on a weekly basis. If you must miss a class, please notify the facilitators by email ahead of time. If you do miss a class, it is your responsibility to find out what work was missed and turn it in before the next class. Students with more than 2 absences will be failed.

### ■ Grading

Student performance and progress will be monitored through projects, weekly homework assignments, and attendance. Homework will be graded on a four point scale. Students may drop one homework assignment.

**0 Points:** Missing Assignment / No Effort

**1 Point:** Assignment Partially Complete

**2 Points:** Minimum Requirements of Assignments Met

**3 Points:** Requirements Met & Clear Effort

**4 Points:** Above and Beyond Effort

In order to pass the class, students must score above an average of 2 points in the homework section, pass both final and midterm projects, and not miss more than two lectures

### ■ Materials

**CAMERA** (*required*) – Camera must support interchangeable lens, shoot in the RAW file format, and have manual aperture, shutter speed, and ISO. Recommended cameras: *Canon T6, Canon T6i, Canon SL1, Nikon D3400, Sony a6000, Olympus EM-10, Pentax K-S2*. (Note: *This list of cameras is not exhaustive. This is a small list of cost-efficient beginner cameras currently on the market.*)

**LIGHTROOM** (*required*) – free from UC Berkeley

**PHOTOSHOP** (*required*) – free from UC Berkeley

**THE DIGITAL PHOTOGRAPHY BOOK** by Scott

Kelby (*recommended*)

**TOWARDS THE CITY** by Yukata Takanashi (*recommended*)

**THE NEGATIVE** by Ansel Adams (*recommended*)

**FILM CAMERA** (*optional*)

### ■ Contact

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Week One	<b>INTRODUCTION TO PHOTOGRAPHY</b> Review course syllabus and expectations and introduce class. Learn about the history of photography, famous photographers, and the different disciplines of photography. <b>Assign Homework 1</b>
Week Two	<b>BIG 3, LIGHTING AND COMPOSITION</b> <i>Homework 1 Due</i> Explain critiques and demonstrate sample critique. Learn about shutter speed, aperture, ISO, camera modes, file formats, composition, and lighting. <b>Assign Homework 2</b>
Week Three	<b>LIGHTROOM BASICS</b> <i>Homework 2 Due</i> Explore different types of post-processing. Learn the ins and outs of editing RAW photos with Lightroom. Round 1 of critiques. <b>Assign Homework 3</b>
Week Four	<b>LANDSCAPES + CITYSCAPE</b> <i>Homework 3 Due</i> Learn composition rules, lighting, editing, and shooting techniques for photos of landscapes and cityscapes. Round 2 of critiques. <b>Assign Homework 4</b>
Week Five	<b>STREET + PHOTOJOURNALISM</b> <i>Homework 4 Due</i> Learn the rules and impositions of photojournalism and street photography. Differentiate the do's and don't-do's of these styles. Round 3 of critiques. <b>Assign Homework 5</b>
Week Six	<b>PORTRAIT + PEOPLE + LIFESTYLE</b> <i>Homework 5 Due</i> Learn how to work with people when taking photographs. Develop skills in posing, natural lighting and artificial lighting. Round 4 of critiques. <b>Assign Homework 6 &amp; Midterm Project</b>
Week Seven	<b>STUDIO + FASHION + EDITORIAL</b> <i>Homework 6 Due</i> Learn studio lighting and poses. Draw inspiration from fashion magazines and. Explore storytelling through photography. Round 5 of critiques. <b>Assign Homework 7</b>
Week Eight	<b>ARCHITECTURE + MACRO + PRODUCT PHOTOGRAPHY</b> <i>Homework 7 Due</i> Study the patterns and techniques involved in architecture and macro photography. Learn to market products with photography. Round 6 of critiques. <b>Assign Homework 8</b>
Week Nine	<b>NATURE + SPORTS</b> <i>Homework 8 &amp; Midterm Project Due</i> Learn the skills required to take high speed speed photos of sports and nature. Round 7 of critiques. <b>Assign Homework 9</b>
Week Ten	<b>GUEST SPEAKER</b> <i>Homework 9 Due</i> Guest Speaker Tentative. Round 8 of critiques. <b>Assign Final Project</b>
Week Eleven	<b>FILM PHOTOGRAPHY</b> Learn about photography before everything went digital! <b>Assign Extra Credit</b>
Week Twelve	<b>WHAT NOW</b> Learn about where you can take your photographer skills that you have now developed. <b>Showcase</b>