

PALOS VERDES PENINSULA SUMMER SCHOOL

HIGH SCHOOL COURSE DESCRIPTION

Course Title:	Digital Photography 1	(UC, CSU)
Grade Level:	9-12	
Credit:	10 credits (year) - CTE	
Prerequisite:	none	
Textbook:	<i>Photo Course: An Interactive Multimedia Text with CD</i> <i>Photoshop Classroom in a Book</i> <i>The Photographic Eye by Michael O'Brian and Norman Sibley</i>	

Course Description:

This course is designed to provide self-directed and advanced instruction and knowledge of opportunities in photography from traditional to digital. Students will use Adobe Photoshop editing software along with other graphic design software programs to create digital portfolio projects and presentations. Students will study various professional photographers throughout world history, making connections to their own use of the camera. Both a professional printed and digital portfolio will be printed using digital printers.

Students will learn the history of how photographs were made in the 1800s using metal and glass plates, plus the evolution of film as we know it today. We will trace the profound effects photographs have had on American Life – influencing what we buy, how we dress, how we get the news – and in matters of life and death, medicine, science, and war. Students will learn how to take well composed photographs using their own 35mm film or digital cameras. Emphasis will be placed on basic camera handling skills, reading and understanding of their camera's operations manual, compositional guidelines, and proper utilization of natural light and electronic flash, film speeds and lens capabilities.

Student work will focus on: advanced photographic techniques (cameras, black-and-white or color, filters, electronic flash, and accessories); photographic images (people, action, photojournalism, nature; landscapes, seascapes, still life, using available light and multiple exposures); and the photographic process (contrast control, cropping, dodging, burning).

Course Objectives

To provide opportunities for the student to:

1. Be introduced to digital imaging and digital photography. **(1.5 Impact of Media Choice)**
2. Developing an appreciation for professional, peer, and personal photography. **(1.6 Impact of Media Choice)**
3. Aesthetically be aware of commercial and fine art photography styles in relation to student's own artistic style. Students will develop an understanding and awareness of photographic techniques. **(3.3 Diversity and Visual Arts)**
4. Discern good photographic composition and print quality through creative and technical experiences derived from advanced exercises in shooting, digital composition developing and printing high quality images. **(4.4 Make Informed Judgments)**
5. Develop a thematic body of work that represents self-expression within the photographic medium, exploring technical skills in metering, shutter, aperture and filters. **(2.2 Skills, Processes and Materials)**
6. Study the relationships of traditional photography as a fine art and commercial medium and how it contributes to everyday life, business, industry, the home and other graphic formats found in modern forms of publication. **(5.1 Connections and Applications)**
7. Develop a physical and digital portfolio that best represents personal style. **(2.3 Develop and Refine Skills)**

Course Content:

Digital Photography 1, first semester, is a beginner's photography class covering basic and some intermediate black-and-white photography. Students will emphasize the basics of photographic form, including:

1. Orientation
2. The history of photography and current masters of the field
3. Adjusting and manipulating images in Photoshop CS
4. Printing images on a digital printer.
5. Employment literacy and preparation

6. A Photography Vocabulary
7. Create an on-line portfolio of personal and commercial work.
8. Join an on-line photography community to receive feedback on photographs as well as post questions to the community.
9. Produce professional quality images both in color and black and white.
10. Participate in class evaluations of photographic images.
11. Produce a series of editorial images for use as a layout in a magazine or advertisements.
12. Produce a series of digital special effects for commercial images.
13. Create images in various formats including business cards, picture packages, brochures, self promotional cards, Advertisements, DVD labeling, and web sites, while understanding how to use a variety of printable surface media types.
14. Produce a working portfolio that includes printed images, a resume and a CD/DVD containing all the printed work in a digital format.
15. Shoot studio portraits, fashion, and commercial products.
16. Create digital images and promo cards that can be sent by e-mail.
17. Concentration on a photographic theme.

Theme Examples:

1. Still life
2. Photojournalism
3. Portraits
4. Scenes
5. Sports and action
6. Special subjects, with teacher pre-approval

Students will:

1. Be introduced to photography as a medium for expression of emotions.
2. Explore creative uses of the various camera functions offered in professional cameras.

3. Learn the basic functions and skills required to take, develop, and print photographs and use various kinds of digital image editing software.
4. Use the internet as an important research tool to gain exposure to current photographic events, digital imaging and shooting techniques, photographers, and joining on-line photo communities.
5. Record notes and reflections in a composition book. Discuss with the instructor and class the fine art qualities and techniques employed in order to complete an assignment.
6. Be exposed to important photographers who have influenced societies.

Student Activities and Assessment:

Examples:

1. Create an on-line photo book/portfolio of personal work.
2. Join an on-line photography community to receive feedback on photographs as well as post questions to the community.
3. Produce professional quality images both in color and black and white.
4. Participate in class evaluations of photographic images.
5. Produce a series of digital special effects for commercial images.
6. Produce a working portfolio that including printed images, a resume and a CD/DVD containing all the printed work in a digital format.
7. Shoot studio portraits and commercial products.
8. Students are assessed through the use of rubrics, tests and class critiques.

Sample Assignments and Lessons:

1. Mimic & Inspired By Photo Assignment
2. Photo Illustration
3. Photoshop Planets
4. Forced Perspective lesson
5. Scary Movie Poster
6. Day & Night Light Project.
7. Re-animal Assignment
8. Theme Project 2
9. Light Painting

10. Self Portrait as composite
11. Advertising Project
12. Puzzle Piece-Mosaic Project.
13. Headshot and Portrait Project
14. Montage Assignment
15. Daguerreotype lesson & assignment
16. Promo Card
17. Theme Essay Project
18. Still life.
19. Photo History Quiz
20. Photoshop Basics
21. Textures & Shape
22. Line-Pattern Project
23. Inspiration File
24. It's all about you

TESTS & LESSONS:

1. Lighting Reference & Demo Quiz
2. Photography Vocabulary
3. Camera Functions Test
4. Pro Studio Lights Tutorial & Test
5. Studio Still Life / Product Lesson & test
6. Camera Obscura in Classroom + The Giant Camera Obscura Lesson