

Digital Photography 1

Scope and Sequence

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<p>Course Outline & Expectations</p> <ul style="list-style-type: none">• <u>Classroom Expectations</u>• <u>Regular Bell Schedule</u> • <u>Course Descriptions and Requirements</u>• <u>Proposed Scope and Sequence</u>• <u>Beacon Program</u> (SUNY College Credit) • <u>The Text book of Digital Photography</u> • <u>How to choose the right SD card</u>• <u>What is Photography?</u>	<p>2 Days</p>
<p>History of Photography</p> <ul style="list-style-type: none">• <u>The History of Photography in 5 Minutes</u>• <u>History of Photography Information sheet</u>• Not too Long Ago<ul style="list-style-type: none">◦ <u>How to Load 35mm Film</u>• <u>Capacity of an SD Card</u>	<p>1 Week</p>
<p>Composing a Better Picture</p> <ul style="list-style-type: none">• Taking Photos that tell a story.<ul style="list-style-type: none">◦ <u>Introduction to Composition</u>◦ <u>Pulitzer Prize Winning Photos</u><ul style="list-style-type: none">▪ <u>What makes a photo worthy of a Pulitzer?</u>◦ <u>Defining a Style for your Photography</u> • Composition Examples<ul style="list-style-type: none">◦ <u>9 Photo Composition Tips</u>	<p>8 Weeks</p>

<ul style="list-style-type: none"> <ul style="list-style-type: none"> ▪ Composition Tips Worksheet ○ The Rule of Thirds ○ Rule of Thirds ○ Leading Lines ○ Filling the Frame ○ Patterns & Repetition • Shooting Assignment: <ul style="list-style-type: none"> ○ Composition <ul style="list-style-type: none"> ▪ Composition Grading Rubric • Point of View <ul style="list-style-type: none"> ○ Camera Angles and Viewpoint ○ Tips on How to Use Your Lens Angle of View ○ Bird Eye View Photography & Video ○ Point of View in Photography <ul style="list-style-type: none"> ▪ Bird's Eye View (examples) ▪ Becoming the Subject (examples) ▪ Eye Level (examples) ▪ Worm's Eye View (examples) • Shooting Assignment <ul style="list-style-type: none"> ○ Point of View <ul style="list-style-type: none"> ▪ Point of View Grading Rubric • How To Take Great Photos On An iPhone <ul style="list-style-type: none"> ○ IMPORTANT: Smart phone pictures pose privacy risks • NOBODY CARES ABOUT YOUR PHOTOGRAPHY <ul style="list-style-type: none"> ○ NOBODY CARES - Assignment sheet 	
<p><i>Advanced Exposure Control</i></p>	<p>3 Weeks</p>

- **Introduction**
 - [Understanding Exposure & Camera Settings](#)
 - [Aperture, Shutter Speed & ISO Information Sheet](#)
- **Semi-Automatic Exposure Control**
 - **ISO**
 - [ISO Explained](#)
 - [ISO Chart](#)
 - [The impact of ISO on a photograph.](#)
 - [Nikon ISO Settings](#)
 - **Shooting Assignment**
 - Assignment #3 ISO
 - [Assignment 3 Rubric](#)
 - **Aperture Priority Mode**
 - [What is the Aperture?](#)
 - [What is Depth of Field?](#)
 - [Aperture Priority Mode](#)
 - Understanding Aperture
 - **Depth of Field (example)**
 - F4.5
 - [F22](#)
 - How to use iPhone's Portrait Mode
 - **Camera Exposure Simulators**
 - [DSLR Exposure Simulator](#)
 - [Canon Exposure Simulator](#)
 - [Simulator Worksheet](#)

- **Shutter Priority Mode**
 - [Shutter Speed for the Beginning Photographer](#)
 - Shutter Speed - - as fast as Possible
 - [The Camera Shutter - The Slow Mo Guys](#)
 - [Stop Action & Blurred Motion](#)
 - [What is the Shutter?](#)
 - [Shutter Priority Mode](#)
 - **Camera Exposure Simulators**
 - [DSLR Exposure Simulator](#)
 - [Canon Exposure Simulator](#)
 - Simulator Worksheet


- **Manual Exposure Control**


- Introduction to Manual Exposure Control
- Understanding Your Camera's Light Meter
 - [Nikon Manual Exposure Settings](#)
- **Reciprocity**
 - [Law of Reciprocity](#)
 - Definitions & Information for Reciprocity & Types of Focus
 - [Aperture, Shutter Speed & ISO](#)
 - [The Exposure Triangle Simulator](#)
 - [Where Do You Start](#) 
 - [Reciprocity Information Sheet](#)


- [Reciprocity & Types of Focus Worksheets](#)
- **Shooting Assignment**
 - [Assignment #5](#)
 - [Assignment #5 Rubric](#)

Editing your Digital Images

5 Weeks

- ***Introduction to Photoshop***
 - [Introduction to Photoshop](#)
 - [Photoshop Screen](#)
 - [Tool Palette](#)
 - [First Editing Assignment](#)
 - [Photoshop DEMO-Puppies](#)
 - [Puppies](#) (Image to be Downloaded)
 - [Photoshop Key press Shortcuts](#)
- **The Image Menu**
 - [Image Menu Demo](#)
 - [Class Assignment: Image Menu Activity](#)
 - Image Menu Activity
 - **Images**
 - [Folder containing Images \(click and download\)](#)
- **Saving Your Image**
 - Considerations for Saving your Photoshop Images 
 - [Saving your Photoshop Image](#)
 - [Saving your Photoshop Image for the Web \(Facebook, Pintrest...\)](#)
- **Layers**
 - [What is a Layer?](#)

- **Types of Layers**
 - **Background Layer** - a layer that duplicates the original image.
 - **Image Layer**
 - [Creating a Composite Image with multiple Image Layers](#)
 - **Images for Composite Image**
 - [Doghouse in back yard](#)
 - [Snoopy](#)
 - [Charlie Brown](#)
 - [Lucy](#)
 - [Schroeder](#)
 - [Woodstock](#)
 - [Office Desk Composite Images](#)
 - [Cartoon Characters Composite Image Folder](#)
 - **Text Layer**
 - [Adding Text to an Image](#)
 - **Images**
 - [Einstein](#)
 - [Keyboard](#)
 - [Santa and Reindeers](#)
 - [Class Assignment - Text Layers](#)
 - [Feeling Chart](#)
 - **Adjustment Layer**
 - [Introduction to Adjustment Layers](#) 

- [How to use Adjustment Layers in Photoshop CS6](#) 
- [Class Assignment: Adjustment Layer Activity](#)
 - **Images**
 - [Elephant](#)
 - [Flower](#)
 - [Sailing Ship](#)
 - [Tornado](#)
 - [Earth](#)
 - [Canal](#)
- [Shooting Assignment: Basic Editing and Adjustment Layers](#)
 - [Basic Editing and Adjustment Layers - Rubric](#)
- **Using a Black/White Layer to create Selective Color Effect**
 - [Examples of Selective Color Effect Images](#)
 - [Selective Color Effect Activity](#)
 - **Using Black & White Adjustment Layer**
 - [Beauty & the Beast Rose](#)
 - [Woman](#)
 - [Earth in Hand](#)
 - [Red Rose](#)

<ul style="list-style-type: none"> ▪ Skittles ▪ Using Black & White and Hue/Saturation Adjustment Layers <ul style="list-style-type: none"> ▪ Teen Face ▪ Doors ▪ Doors (Advanced) ▪ Shooting Assignment: Selective Color Effect Images <ul style="list-style-type: none"> ▪ Selective Color Effect Images - Evaluation Rubric 	
<p>Special Photographic Techniques</p> <ul style="list-style-type: none"> • Green Screen Images <ul style="list-style-type: none"> ○ How Does a Green-Screen Work? <ul style="list-style-type: none"> ▪ Green Screen Information Sheet ▪ Green Screen Shooting Assignment ○ Removing Green Screen from your image <ul style="list-style-type: none"> ▪ Example Green Screen Image ▪ Example Backgrounds <ul style="list-style-type: none"> ▪ Cave ▪ Forest Road ○ Magazine Cover Templates <ul style="list-style-type: none"> ▪ Time ▪ Sports Illustrated ▪ Vogue 	<p>2 Weeks</p>

- [Fish and Stream](#)
- *Removing a Non-Uniform background from an image*
 - [Rose Blossom](#)
- **Sequence Photography**
 - [Introduction to Sequence Photography](#)
 - [Procedure](#)
 - [Example Images \(Swing\)](#)
 - [Photo Shoot - Sequence Photography](#)
 - [Student Samples](#)
- **Night Photography**
 - How To Take Perfectly Sharp iPhone Night Photos
 - Assignment: Submit 2 pictures to Goggle classroom, taken with your cellphone at night.. Be creative.
- **Forced Perspective Photographs**
 - [How to take forced perspective photos](#)
 - [25 Forced Perspective Images](#)
 - [How Disney Uses Forced Perspective](#)
 - [How to Take Forced Perspective Photos](#)
 - [Shooting Assignment](#)
 - [Shooting Assignment - Grading Rubric](#)
- **Silhouette Photography**
 - [Creating a Simple Silhouette](#)
 - [Understanding Metering Modes](#)
 - [How to Change the Metering Mode](#)

- [How to Create silhouettes in photoshop](#)
