

Digital Photography

How to Take and Display
Great Photographs

Course Objective

- As the name of the course implies:
- Learn how to take great photographs.
 - Composition.
 - People & nature.
 - Lighting & color.
- Learn how to display your pictures.
- Understand the mechanics of imaging.
- Unleash your creative potential.

Lesson 1

An Introduction to Photography

- Introduce instructor.
- Meet the students.
- Approach, book, homework, & equipment.
- Course outline.
- Objectives for lesson 1.
- From vision to final print, a demonstration.
- This is photography.

Robert Schuldenfrei

- Retired programmer & company owner.
- Life long serious amateur photographer.
- Educator.
 - Night school (mid 1960s).
 - University of Rhode Island.
 - S. I. Inc.
- Student & observer.

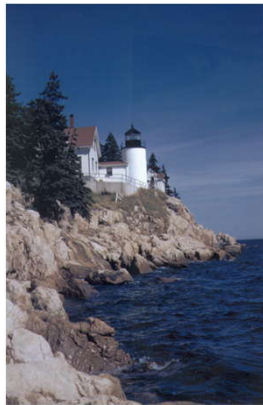
Photography at S. I. Inc.

- Our customer.
- Software teaching.
- Newsletter.
- Web site.
- Promotion.
- Proposals.



Photographer

- Maine 1960.
- I had been shooting film for 10 years before I took this shot.
- Learned from Dad.
- Been studying photography ever since.



Our Class

- Give your name.
- What, if any, is your photo experience?
- What camera equipment do you own?
- Why did you sign up for this class?

The Way I Teach

- A traditional approach.
- Every class has behavioral objectives.
- Lecture, discussion, demo, & questions.
- Text: The New Joy of Digital Photography.
- JeffWignall.com
- Equipment – a digital or film camera.
- Homework – reading & taking pictures.
- Take careful notes.

Lesson 2

Taking a Shot and Getting an Image

- Camera basics.
- Review student's homework.
- Handle camera issues, if any.
- Automatic mode, point 'n shoot.
- Outdoor photography, people & nature.
- Indoor photography with flash.
- The dreaded "red eye."

Lesson 3

Photographing People

- Critique the homework.
- How images are made (film & digital).
- Family photography.
- Brief history of photography.
- The group.
- Travel photography.

Lesson 4

Design & Composition

- Discuss the people shots from last week.
- Wignall's elements of design.
- The elusive "great shot."
- Beaches of South Florida.
- Local animals.
- Weather and your pictures.
- Abstract photography.

Lesson 5

Light and Color

- Review of homework images.
- What you can and can not control.
- Direction of light and time of day.
- Indoor lighting, natural and artificial.
- Color that is given to you.
- Color that you can control.

Lesson 6

Showing Your Pictures

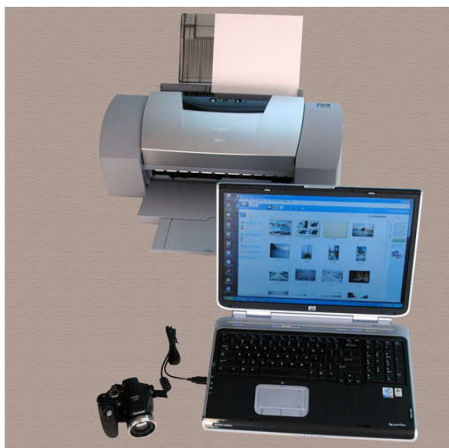
- Critique the light & color images.
- Printing with your computer.
- Printing from an outside service.
 - Simple drugstore.
 - Photographic labs.
- Variety of presentation.
- Organizing your prints.
- Doing a slide show on the computer.
- Sending your images: e.mail & CDs.

Lesson 1 Objectives

- Know the instructor and other students.
- Understand the approach, the text, and the equipment used.
- Learn what the course will cover.
- See the total image making process.
- Get an overview of photography.

Vision to Final Print

Demonstration



Taking the Shot

- Ansel Adams: "Making Images."
- Turn the camera on.
- Set to automatic.
- Flash, if necessary.
- Expose the "film."
- Take "film" to finisher or download to your computer.



Downloading

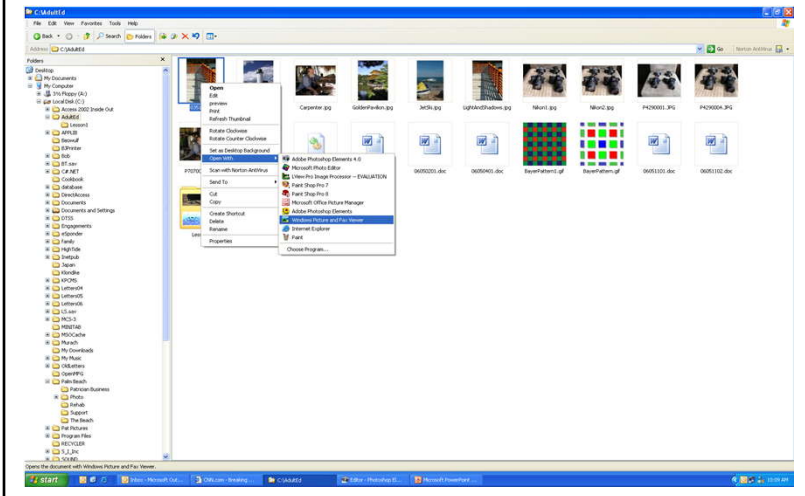
- First time you must install the software.
- Connect the cable with the camera off.
- Turn the camera to playback and turn on.
- Start the software.
- Transfer images.



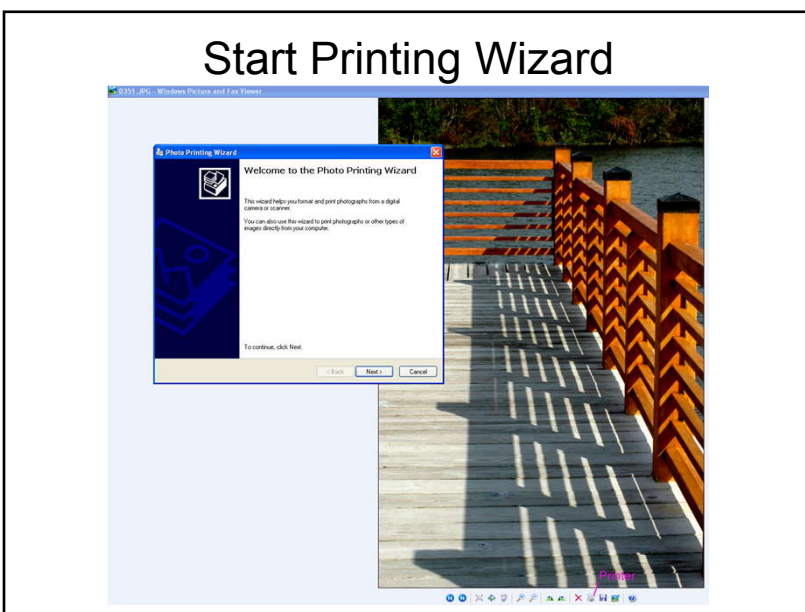
Printing

- Find the picture.
- Windows Picture and Fax Viewer.
- Start Photo Printing Wizard.
- Select photos.
- Printer preference if desired.
- Choose layout.
- Printer speed is a consideration.
- Hit "Next" and your images will print.
- To keep expenses low I would do many small images.

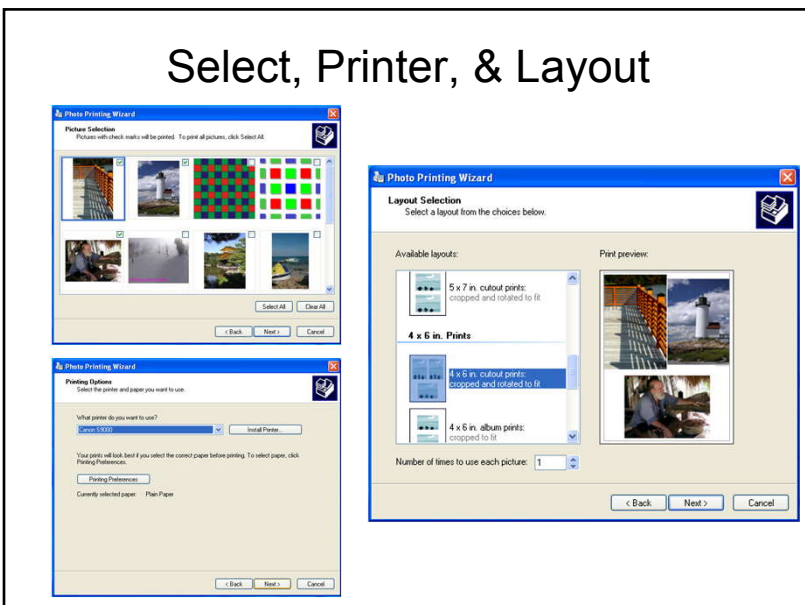
Find & View



Start Printing Wizard



Select, Printer, & Layout



But I Don't Have a Printer

- Go to a photo kiosk.
- Insert memory card.
- Transfer images.
- Get prints.
- Maybe a picture CD.
- Walgreens 30¢ each.



This Is Photography

- Telling a story by getting the shots.
- The **BASIC** basics.
- For next week you might consider...
- A brief history of photography.
- Questions and answers as time permits.

The Great Image

- Photography is 85% seeing.
- You will learn to see.
- And get the last 15%
- This shot.
 - Framing.
 - Position.
 - Lighting.
 - Color.



Telling a Story

- In the first five minutes I asked you why you were taking this course.
- People have always used images to record their personal history.
- Lascaux France 17,000 years ago.
- Lesson 6 – Display.
- My trip to Japan.



The **BASIC** Basics

- Let's get the essential "rules."
- These are **suggestions**. We can and will break them for artistic effect.
- **But**, you should know the rules.
- Today we only give you enough to start.
- Taking paired shots and seeing ugly.

The Camera

- Set the camera to "automatic."
- Hold the camera steady.
- Don't block the lens or sensor.
- Hold the camera level.



Position

- Don't shoot into the sun.
- Don't blind subject.
- Don't cut off body parts.
- Fill the frame.
- Don't have things growing out of the subject's head.



Additional "Basics"

- Half depress shutter, then shoot.
- Medium zoom (if you have it).
- Autofocus, but your shot is out of focus.
- Push shutter, but nothing happens:
 - Cycle recovery.
 - Focus "hunting."
 - Low light.

For Next Week

You **might** consider

- Buy the Wignall book.
- Read pages 11-29 & 162-181.
- Take lots of pictures illustrating the Basic Basics. Bring prints to class.
- Bring your questions to class. We will always spend time at the start of class with Q & A.

Brief History of Photography

Gadgets, time, & people
Image history in lesson 3

- 4th Century BC
- 1820s & 30s Niepce, Daguerre, & Talbot.
- 1840 – 1880 Wet plate photography.
- 1878 Dry plate photograph is selling.
- 1888 George Eastman and Kodak.
- 1939 Kodachrome.
- 1947 Instant photography.
- 1990s – Present Digital photography.

World's Fair 1939

William H. Schuldenfrei – First rolls of Kodachrome



Did We Meet the Objectives?

- Know the instructor and other students.
- Understand the approach, the text, and the equipment used.
- Learn what the course will cover.
- See the total image making process.
- Get an overview of photography.

Buying a Camera

- We will only discuss this if someone needs a camera.
- In lesson 6 we will discuss your next camera.
- Q & A as time permits.
