

Basic Black & White Photography – *Level One*

Course Duration: 5 tutorial sessions – one or two classes per week for a 1 hour of class time.

Lesson 1 Camera Types

1. Types of Cameras
2. The Compact Camera
3. The 35mm Range finder
4. The 35mm Single Lens Reflex
5. The Twin Lens Reflex
6. The Medium Format SLR Camera
7. Large Format
8. Digital Cameras

Lesson 2 Exposure Tools

1. Film
2. Shutter Speeds
3. The Aperture
4. The Light Meter

Lesson 3 Basic Camera Operation

1. Holding the Camera
2. Focusing
3. Adjusting the Exposure

Lesson 4 Basic Composition

1. Introduction to Composition
2. Filling the Frame
3. Avoiding Clutter

Lesson 5 Calculating Exposure

Combining Shutter Speeds with Apertures

Lesson 6 Shutter Speed

1. Selecting a Shutter Speed
2. Remote Releases
3. Knowing your Subject
4. The Tripod

Lesson 7 the Effect of Aperture

1. Selecting an Aperture
2. Depth of Field
3. Gauging depth of field
4. Using Zone focusing
5. Hyper focal focusing
6. The Depth of Field Preview
7. Estimating depth of field
8. Using Shallow depth of field
9. Maximizing Depth of Field

Lesson 8 Lenses

1. Focal Length
2. Lens Characteristics
3. Lens Perspectives
4. The Wide Angle Lens
5. The Telephoto Lens
6. Fixed Focal Lenses
7. Zoom Lenses
8. Specialist Lenses

Lesson 9 Composition

1. Introduction
2. The Rules
3. The Rule of Thirds
4. Reading the Photograph
5. Using Lines
6. Choosing the Format
7. Planning the Photograph
8. Lighting
9. The Subject
10. Framing the Subject
11. Maximizing the Foreground
12. Isolating Detail
13. Choosing the Viewpoint
14. Patterns and Textures
15. Color for Impact
16. Adding Scale

Color Photography – *Level Two*

Prerequisite: Photography Level One

Course Duration: 5 tutorial sessions – one or two classes per week for a 1 hour of class time.

Lesson 1 Film

1. Introduction
2. Film Size
3. Choosing Film Speed (Slow 0 - 64 ASA)
4. Choosing Film Speed (Medium 100 - 200 ASA)
5. Choosing Film Speed (Fast 400 - 1000 ASA)
6. Film Construction
7. Film Speed Variations
8. Color Negative Film
9. Color Reversal Film (Slides, Transparencies)
10. Light and Color

Lesson 2 Choosing Accessories

1. The Tripod
2. The Monopod
3. The Self-Timer and Cable Release
4. Battery Packs
5. Data Backs
6. Choosing a Flashgun
7. Filters
8. UV and Skylight Filters
9. Polarizing Filters
10. Warm Tone Filters
11. Color Correction Filters
12. Graduated Filters
13. Special Effects Filters
14. Close Up Filters
15. Extension Tubes
16. Close Up Bellows
17. Reversing Rings
18. Equipment Care

Lesson 3 Hand-Held Electronic Flash 1

Flash photography provides a means of consistent and precise exposure control in the most demanding of lighting situations and/or in rapidly changing environments where many exposures of different views are necessary. Course is an introduction to the application and aesthetics of hand-held electronic flash photography for students wishing to further their knowledge, understanding and experience with hand-held electronic flash for small-format photography. Students produce a series of commercial or personal images while learning to use flash as an aesthetic tool. Students are required to have their own flash units

1. How Flash Works
2. Flash Power
3. Built-in Flash
4. External Flash Guns
5. Flash and Shutter Speeds
6. Flash and the Aperture
7. Manual Flash Exposure
8. Automatic Flash Exposure
9. Dedicated Flash
10. Flash Test Indicator
11. Bounced Flash
12. Fill-in Flash
13. Freezing Movement with Flash

Lesson 4 Exposing the Night

1. Introduction
2. Equipment
3. Camera Controls
4. Exposing the Night
5. Exposure Bracketing
6. Reciprocity Law Failure
7. Night and the time of Day
8. Using Flash
9. Using Movement
10. Building an Image
11. Shooting the Moon
12. Shooting Fireworks

Basic Studio Photography – *The Final Course*

Prerequisite: Photography Level One + Level Two

Course Duration: 10 tutorial sessions – one or two classes per week for a 2-3 hour of class time.

Lesson 1 Light Metering Techniques

1. Light and the Camera Meter
2. Lighting Angles
3. Selective Metering
4. The Hand Held Meter
5. SLR Cameras with
6. Partial and Spot Metering
7. Compensating Exposure
8. Bracketing the Exposure
9. Changing the Film Speed

Lesson 2 Hand-Held Electronic Flash 2

1. Why use flash/ artificial light
2. Background Information and terminology
3. Incident light metering
4. the Inverse Square Law
5. The Portable Flash: Features and function
6. Guide number
7. Variable power mode
8. Sync speed
9. Determining manual flash exposure
10. Diffusing manual flash
11. Bouncing manual flash
12. Off-camera manual flash
13. Automatic flash
14. Determining automatic flash exposure
15. diffusing automatic flash
16. bouncing automatic flash
17. Dedicated Flash

Lesson 2 Studio Flash (Strobe) Lights

1. Lighting theory with one lamp
2. Setting of a studio
3. Working with different types of lamp/ reflector
4. Color theory
5. Demonstration of cross lighting/ two lamps

Lesson 3 Photoshop CS2 for photographers

Photoshop is the industry standard for digital imaging and photography. It offers immense creative possibilities. The focus of this class is to familiarize students with the essential tools and features of Photoshop CS2. Photoshop can be an overwhelming program to learn. This class will give the students a general overview of the software and practical understanding needed to work with images in the digital world. The class will cover the work environment, the tool bar, palettes, image controls and adjustment layers.

1. Various Aspects of Image Quality.
2. File Types, File Size, Compression
3. Memory considerations & Megapixels.
4. File conversion options
5. Making images ready for enlarged photo prints

Sample Assignments:

Studio Portrait: Using a medium format camera, photograph a head and shoulder studio portrait with frontal or 3/4 lighting set-up.

Attention is to be paid to:

1. Studio preparation for sitter
2. Discussion of image with the sitter
3. Viewpoint and lighting
4. Sitter's expression and pose

Also negotiate and discuss your aims with the sitter, making them feel comfortable and knowledgeable of the photographic process of a portrait.

Photographers work to look at includes:

Robert Mapplethorpe

Irving Penn

Studio Still Life:

Photograph a still-life set with a 35mm camera in the studio.

Select a theme from one of the following:

1. Natural forms
2. Shape and texture
3. A theme agreed with your tutor

Attention is to be paid to:

1. Lens choice and movements
2. Viewpoint
3. Lighting
4. High-key, low-key, high contrast, flat lighting etc.
5. Direction and distance of light source to create mood and effect
6. Composition of objects

Master Studio Photographers work to look at may include:

Imogen Cunningham

Tina Modotti

Irving Penn Others to be added later according to class requirement.