

Digital Photography

Wallingford Adult Education

Session 4

Ron Godbey





Digital Photography

Session 4

The equipment you already have is all you need





Session 3 Recap

- **Composition**
- **Optical Thirds**
- **Camera Controls**
 - **Shutter Speed**
 - **Aperture**
- **Controlling Motion**
- **Depth of Field**

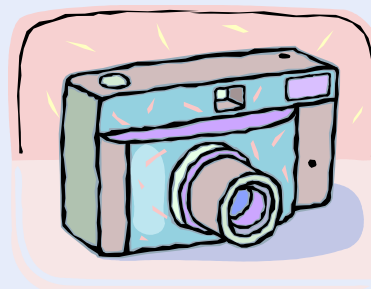
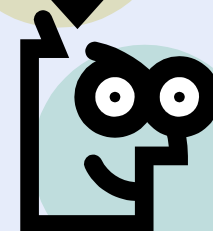


Elements of Good Photography

- **Know your Equipment**
 - **Know what it can do**
 - **Know what it can't do**
 - **Know how to compensate for what it can't do**
 - **Know how to make it work to your best advantage**

Elements of Good Photography

- **How???**
 - Read the instruction manual
 - Or buy a “stand-alone book”
 - Practice
 - Take pictures
 - Experiment
 - Analyze the results
 - Take more pictures!



The Cycle of Learning

Take Better Pictures

Take Pictures

Analyze Your Pictures



Lenses

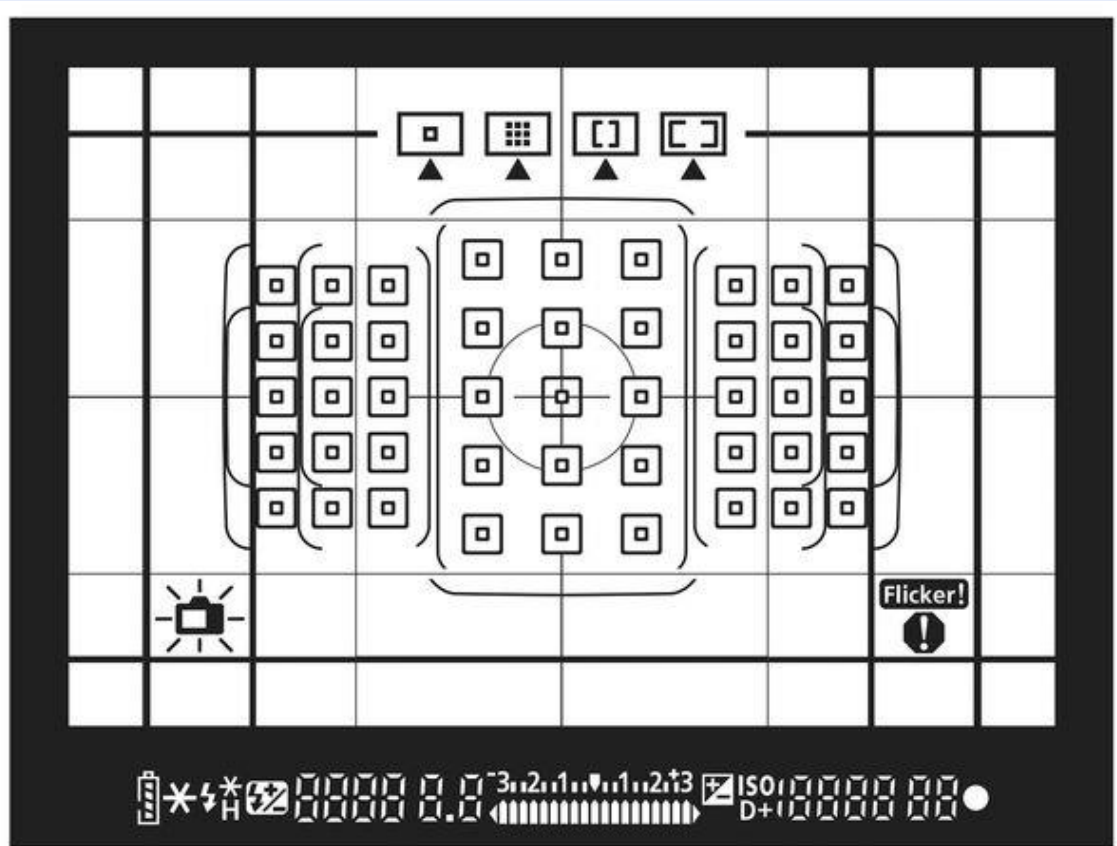
- **Let's look at different Lenses**
 - **Prime Lens:**
 - **One Focal Length (does not zoom)**
 - **Zoom Lens:**
 - **Multiple Focal Lengths (most lenses today)**
 - **Wide Angle Lens:**
 - **Covers Larger Area (Things look farther away)**
 - **Telephoto Lens:**
 - **Magnifies Subject (Things look closer)**

Lenses

- **Effects of different lenses**
 - **Wide Angle**
 - **Greater Depth of Field**
 - **Can Distort subject**
 - **Telephoto**
 - **Shallower Depth of Field**
 - **Can be More Flattering for Portraits**
- **Let's watch a Video!**



A Look through The Viewfinder





Mini Workshop

- **Let's Look at Our Cameras!**
 - **Figure out how to control:**
 - **Focus**
 - **Shutter Speed**
 - **Depth of Field (Aperture)**
- **Read the Manual if you need to**
- **Are there “hidden” features you did not know about before?**



Mini Workshop

- **Let's practice using our cameras!**
 - **Practice Focusing of various objects**
 - Close
 - Far
 - Different spots in the viewfinder
 - Multiple items in the viewfinder
 - **Take pictures setting the shutter speed**
 - Fast
 - Slow
 - **Take pictures setting the aperture**
 - Large
 - Small
 - **Take note:**
 - How does setting the shutter speed affect the aperture
 - How does setting the aperture affect the shutter speed
 - What happens with the ISO setting in each case



NOTES

• Shutter Priority (TV)

- Fast Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____
- Fast Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____
- Slow Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____
- Slow Shutter Speed: _____ Aperture Set by Camera: _____ ISO: _____

• Aperture Priority (AV)

- Large Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____
- Large Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____
- Small Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____
- Small Aperture: _____ Shutter Speed Set by Camera: _____ ISO: _____



Elements of Good Photography

- **Lighting –Indoor**
 - **Available Light –(no Flash)**
 - **Alternatives to Flash**
 - **The Dreaded Red Eye**
 - **How to prevent**
 - **How to fix (post production)**



Elements of Good Photography

- **Using the Camera's Flash**
 - **Know it's distance limitation.**
(most are 10-15 feet)
 - **Know its “recycle” time.**
 - **Know when NOT to use it.**
 - **Respect people's wishes**

A decorative film strip with various nature photographs (butterfly, red barn, green leaves with red berries, yellow flowers, green field) curves across the top and bottom of the slide. Three white squares are positioned in the top-left and bottom-right corners of the slide.

Elements of Good Photography

- **Lighting –Outdoor**
 - Angle of the Sun
 - Deep Shadows
 - Fill Flash

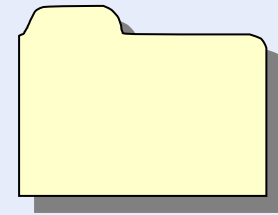


Elements of Good Photography

- **Manipulation of Lighting**
 - Angle of the light source.
 - Adding light
 - Subtracting light
 - Repositioning the subject
 - Repositioning the camera

Show and Tell!

- **Let's look at your pictures**
 - **The good AND the Bad**





Session 4 Recap

- **Know your equipment**
- **Lighting**
 - **Indoor**
 - **Outdoor**
 - **Flash**
 - **Red Eye**
- **Manipulation of light**



Next week

- **Session 5: Photo Workshop!**
 - Let's take some pictures



Assignment

- **Bring your Camera!**
(With the Instruction guide if you have it)
- **Take some pictures**
- **E-mail me the best one.**
- **E-mail me the worst one**