

# iPhone Photography Class

Grace Pitzer: Instructor

## A. Know Your iPhone

- **Settings**
  - General
    - About
      - Capacity (16, 32, 64, 128, 256 GB)
      - Available Space
      - Version of iOS
  - **Photos**
    - My Photo Stream, (Can't do with iCloud Photo Library)
    - iCloud Photo Library (5GB Free memory not enough)
    - Update Burst Photos
    - Shared Albums
    - Cellular Data
    - Summarize Photos
    - Show Holiday Events
    - View Full HDR
    - Transfer to Mac or PC
  - **Camera** on 6s and up)
    - Turn on Grid
    - Preserve Settings
      - Keep last mode
      - Filter & Lighting
      - Live Photos
    - Scan QR Codes
    - Record Video (Settings)
    - Record Slo-Mo (Settings)
    - HDR - Keep Normal
    - Format: High Efficiency or Most Compatible

## B. Camera Features

- Set Focus
- Adjust Exposure
- Lock Focus and Exposure, AF/AE
- Flash
- HDR
- Live (6s and up)
- Timer for Burst to start
- Filters
- Burst
- Panorama (6s and up)
  - Horizontal: from left or right
  - Vertical: from bottom or top
- Square
- Portrait (8Plus, X and up)
- Photos (8Plus, X and up has Two Cameras)
  - Wide Angle and 10X Zoom
- Video: (Stabilized on 6s and up)
- Slo Motion: Tripod
- Time-Lapse
- Shutter Release
  - Button
  - Volume Buttons

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- Headphone volume for Remote
- Geotag: Need Location Services turned on (under Settings/Privacy)
  - Details: view on Map or Grid
  - View info in ViewExif App

### **C. Photos App**

- **Photos**
  - Moments
  - Collections
  - Years
  - Memories (iOS 10, 6s and up)
- **Albums**
  - My Albums
    - Camera Roll
    - My Photo Stream (if turned on)
    - Favorites
    - People & Places
  - Media Types
    - Videos
    - Selfies
    - Live Photos
    - Portraits
    - Panoramas
    - Time-lapse
    - Slo Mo
    - Bursts
    - Screenshots
    - Animated
  - Other Albums
    - Imports
    - Hidden
    - Recently Deleted \*\*\* Very Important to Understand
  - My Albums: Ones you create
- **Delete Photos** – Two Steps Required
  - Choose and Touch Trash Can
  - Photo placed into the Recently Deleted Album
  - It will stay in Recently Deleted Album for 29 days
  - To recover room Delete from Recently Deleted Album
- **For You**
  - Memories
  - Featured Photos Grouped
  - Effect Suggestions
    - Short Video of group of photos
    - Titles
    - Music
  - Shared

## D. Photos Editing Tools

- **Magic Wand** – One click improvement
- **Rotate and Crop** and Aspect Ration
- **Adjust**
  - Light
    - Brilliance
    - Exposure
    - Highlights
    - Shadows
    - Contrast
    - Black Point
  - **Color**
    - Saturation
    - Contrast
    - Cast
  - **B&W**
    - Intensity
    - Neutrals
    - Tone
    - Grain
- **Filters**
  - Mono, Tonal, Noir
  - Fade, Chrome, Process
  - Transfer, Instant, None
- **Extensions** for other Apps you have
- **Markup Photo:** Put text on photo
  - Tap Three dots ... and scroll to Markup option
  - Tap the small t and choose a color and select Aa
  - Choose font and size and type in text field
  - Move field to desired location and tap Done
- **Edit Video**
  - Select a video clip and tap Edit bars
  - Drag in the ends and tap Done

## E. Sharing Photos

- Airdrop (to Mac 2012 Yosemite and up)
- Messages
- Email
- Notes
- Social Media
  - Facebook, Twitter, Instagram, need an accounts
  - Be Careful of Geo-Tags
- Duplicate
- Print to WiFi Printer
- Assign to Contact
- Add to Album

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- Use as Wallpaper

## F. Taking Good Pictures

- Composition
  - Rule of Thirds
  - Keep it Simple, some negative or blank space
  - Close-up Details
    - NEVER ZOOM the Screen
    - Can use Macro lens
  - Use feet to get close
    - Change Angle
    - Remove Distractions - Watch Background
  - Crop Afterward
  - Leading Lines
  - Include Shadows
  - Reflections
  - Symmetry
  - Silhouettes
- Different Lighting
  - Bright Sunlight, not best
    - Don't Overexpose
    - Good for Sports, action – uses fast shutter speed
    - Move subject to shade
    - Change perspective
  - Cloudy
    - Add some color to photo
    - Good for Macro
    - No Shadows
  - Golden & Blue Hours
    - Before and After Sunrise and Sunset
    - Different Color Temp. White Balance
    - Slow Shutter App
  - Window Light
    - East & West windows best all day
    - Portraits
    - Still Life
    - Silhouettes
  - Artificial – night
    - Difference kinds, different colors
  - Front Light – Even
  - Back Light – Silhouettes

## G. Moving Subjects

- Freeze Motion
  - Needs fast shutter speed
  - Needs plenty of light
- Burst Mode

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- Multiple rapid shots
- Choose the best
- Motion Blur
  - Keep camera steady for sharp background
  - Use in darker scenes
  - Faster subjects work better
  - Steady camera or use Tripod & shutter release
  - Will smooth water in waterfalls
- Slow Shutter Cam App
  - Tripod required
  - Avoid wind

### **H. Tripods**

- Long Exposures
- Night & Low Light
- Landscapes
- Golden hour
- Macro & Close-up
- Different Angles
- Waterfalls, water, waves, etc
- Architecture
- Portraits
- \*\*\* Videography
- \*\*\* Time-Laps & Slow Motion

### **I. Apps**

- Snapseed – Edit – Free
- Enlight – Camera and Creative Editor - \$3.99
- Touch Retouch – Editor, remove unwanted parts - \$1.99
- PS Express – Editor - Free
- SuperImpose – put two photos together - \$.99
- ManCam – Set manual setting - ?
- Slow Shutter Cam – for dark scenes, Need a tripod - ?
- SKRWT – Change perspectives - \$1.99
- Pro HDR X – Camera - \$1.99
- Many Creative Apps
  - Search App Store
  - Read Reviews
  - Watch for In-App Charges
  - Often Editing Apps save their photos in their own Album in your Photos
  - Google Search for Tutorials on each App

### **J. Printing**

- What Quality do you need?
  - Does it need to be sharp?
  - How far away will it be viewed?
- More Pixels means Larger Picture

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- Understanding PPI (Pixels Per Inch)
  - Higher PPI, smaller pixels, sharper print ie. 300 ppi
  - Lower PPI, larger pixels, fuzzier print, ie. <150 ppi

<b>Maximum Print Sizes For iPhone Photos</b>		
<b>iPhone Model</b>	iPhone 4s, 5, 5s, 6 & 6 Plus	iPhone 6s, 6s Plus, 7 & 7 Plus
<b>Camera Megapixels</b>	8 MP	12 MP
<b>Image Size</b>	3264 x 2448 pixels	4288 x 2848 pixels
<b>Excellent Quality (300 PPI)</b> Professional photographer industry standard.	Max Print Size: <b>10.88 x 8.16 inches</b>	Max Print Size: <b>14.29 x 9.49 inches</b>
<b>Good Quality (200 PPI)</b> Acceptable quality, especially when viewed from a distance.	Max Print Size: <b>16.32 x 12.24 inches</b>	Max Print Size: <b>21.44 x 14.24 inches</b>
<b>Fair Quality (150 PPI)</b> May appear fuzzy or grainy, especially when viewed up close.	Max Print Size: <b>21.76 x 16.32 inches</b>	Max Print Size: <b>28.59 x 18.99 inches</b>

- Home Printing
  - WiFi Printer
  - Ink is expensive
  - Use Matte or Glossy photo paper
- Order Online, prints books, calendars etc.
  - Free Apps for many sites
    - Chatbooks
    - Printastic
  - Use from your computer
    - Costco
    - Snapfish
    - Shutterfly, etc.

Chart from iPhone Photography School