

Smartphone Photography

Instructor: Roger Buchanan

These notes are available at www.thenerdworks.com

General Tips

Digital Photos are more fragile than prints! **(See Losing Photographs Handout)**

Keep your photos safe: 3,2,1 Backup your photos **(See “3,2,1 Backup” Handout)**

Transfer Photos to Computer: (These will open your default Web browser)

iPhone: <https://tinyurl.com/iPhone-Picture-Transfer-Video>

Android: <https://tinyurl.com/Android-Picture-Transfer-Video>

iPhone Edit Video: [http://thenerdworks.com/data/documents/iPhone Editing.mp4](http://thenerdworks.com/data/documents/iPhone%20Editing.mp4)

(Links confirmed Mar/2023)

Keep your Lens **clean** – it is easier than “spotting” in Photoshop.

ACTIVITY Adjust focus by tapping on subject on the screen.

ACTIVITY adjust Exposure after focusing by swiping up/down. Left/Right on Android

ACTIVITY Your Volume Button Will Snap a Picture (Your Headphone's Volume Button is a Camera Remote).

Your cameras images are 6000x4000 pixels, or bigger. Sharing needs smaller sized images. Don't email full sized photos! - (900 pixels on wide side is enough for phones)

Photography Tips

Ditch “the Flash” (Being right next to the lens it causes “Red-Eye”).

Use Principles of Composition: Rule of 3rds, Edges, Leading Lines and Negative Space.

Frame your shot with Edges, Foreground & Background.

Don't stop shooting. Just when you think you're done something will happen!

Learn how to see light: Hard/Soft/Diffuse, Direction & Colour.

Cropping is your friend. Shoot wide for room and then Crop out the Composition desired.

Find an interesting moment. **(See Sample Photo showing Studium and Punctum).**

Smartphone Tips

Know Your Gear: If it is an option choose to capture High Res or RAW pics.

“Halide” shoots RAW, “Darkroom” edits RAW (so does “Snapseed”).

ACTIVITY Don’t always Zoom, get closer to your subject. (Use Focus Test Handout).

ACTIVITY Beware of too close! Take “headshot” with zoom, and then again, NO ZOOM!

ACTIVITY Work the scene, move around the scene, above & below (Use Animal Props).

ACTIVITY Don’t be afraid of shadows (Sponge cubes and Flashlights).

Try shooting colour and then going with Black & White.

Your Phone Plays Nicely with Telescopes and Binoculars.

ACTIVITY Scan and Digitize Old Negatives or Prints (Use Sample Image).

ACTIVITY Shoot 1-, 2- & 3-point Boxes. (“SKRWT” iOS App corrects Perspective.)

Keep your camera steady and Zoom with your feet!

Take photos in bursts by holding the Volume Button down. Great for moving subjects!

Apps, etc...

Camera Apps: Camera+, ProShot, Camera Awesome, 645 Pro.

Photo Editing Apps: Lightroom Mobile, Polish, DarkRoom, Photoshop Express, PicsArt

Learn the Settings in **your** Camera App. Does it have:

- “Focus Peaking” or
- “Manual mode”?

Screens display images differently than prints, so go light on the Filters/Effects.

Edit a copy of the image using software like Photoshop Elements.

Accessories

• Pocket LED light source	• Olloclip 4-in-1 Lens kit	• Optrix XD5 Case
• GripTight GorillaPod stand	• Remote wireless trigger	• Case “Mounts” ala GoPro
• Moment Photo Case and Lens	• Filter Mount & Polarizer	• Aputure Video Light
• Anker power bank	• PEAK DESIGN Carry Bag	• Portable Shotgun Mic

What Makes a Digital Photograph



Image

**EXIF: Make & Model
Date & Time
Camera Settings
GPS info
etc...**

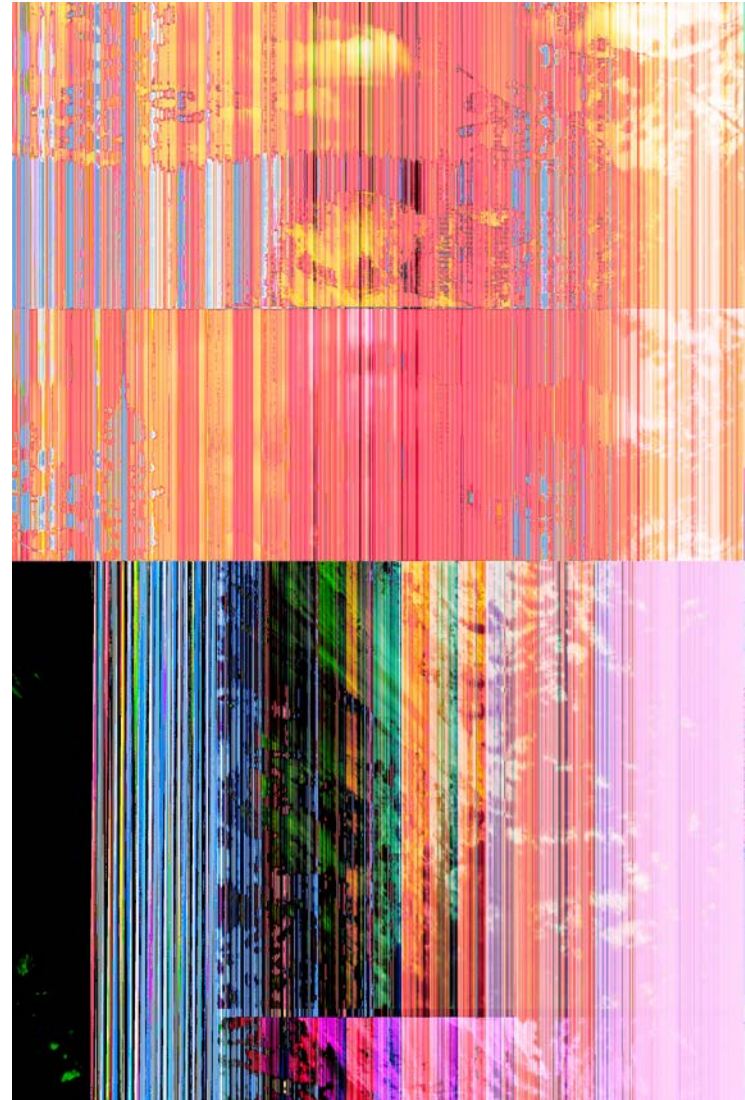
**IPTC: Name
Copyright
Contact Info
Address
Keywords
Rating**

MetaData

Photograph Corruption happens INSTANTLY!



Original from Drive "A"



Corrupted Original from Drive "B"

I was able to make this document with BOTH images because I had already made a backup BEFORE the file was corrupted.

3, 2, 1 Backup. THREE copies of each image, on at least TWO different types of media, with ONE copy stored at another location.

3,2,1...Backup strategy

3 Copies of every photograph



2 different types of storage media

(Prevents loss from obsolescence of technology)



1 set photos at different location

