Just some thoughts about cameras...

Please contact me if you have any questions.

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Every student will need to have a camera to use for Digital Photography Class. It does not need to be a new or high-end DSLR camera. The most important thing we are looking for is the ability to easily access and manipulate camera settings. Some camera have an external dial for settings and some have internal digital settings menu. Both options are fine as long as we can find them.

STUDENTS MAY NOT USE THEIR PHONES AS A CAMERA FOR THIS CLASS.

If you do not have the camera manual, we will be looking it up on-line to figure out the setting options. The settings we are most concerned about are: **Shutter Speed, Aperture, ISO** and **White Balance**. Some manufactures call these setting by other names, others have these options overly automated, so they do not offer a way to change the settings.

Nikon is a very reputable company, they make great lenses and many wonderful cameras. However, they are notorious for over-automating the settings and calling them strange things like “fire-works” or “museum.” For this reason I advise staying away from the “Point and Shoot” models that Nikon offers; specifically the **Cool-Pix line**. They look like a great deal, but are often more frustrating than anything else. Please contact me if you have any questions. leah.rachlis@asd20.org
If you are in the market to purchase a Digital Camera, please review my suggestions in the following slides.

Please do not hesitate to contact me if you have any questions about a model you are considering.

I have been very pleased purchasing used camera from [WWW.AMAZON.COM](http://WWW.AMAZON.COM) specifically because they have a buyer protection option.

Another website I have had very good luck with is: [https://www.keh.com/](https://www.keh.com/)

They have a wide selection of cameras to fit every price range. You can purchase a body for a DSLR and lens separately for less than 200.00. All of their products are refurbished.
Small Point and Shoot Cameras that are more than 6-8 years old, will not produce an image that has the quality needed to work for this class. **LOW-RES – Not Enough Mega-Pixels**

Mega-Pixels determine the ability of a camera to create a quality image, more mega-pixels means better resolution. Students would do best with at least 8 Mega-Pixels.
Olympus FE370 8MP Digital Camera with 5x Optical Dual Image Stabilized Zoom

Product Features
8.0-megapixel CCD captures enough detail for photo-quality 16 x 22-inch prints
5x image-stabilized optical zoom; Face Detection
Perfect Shot Preview mode; Intelligent Auto mode
2.7-inch, high-resolution LCD screen
Stores images on XD Picture Cards or microSD cards (not included)
Fujifilm FinePix AX550 16MP Compact Digital Camera, 1/2.3" CCD Sensor, 5x Optical Zoom, 2.7" LCD Screen, 720p HD Video Recording, Black

Product Features
16-megapixel CCD sensor which helps in shooting.
2.7"LCD screen, wide display panel which delivers high resolution outcome
i-Flash Amazing Flash, lets you to perform Stunningly even in low light conditions
5x to avoid Zoom contact get in touch with (26-130mm); make the things near to you
Canon PowerShot SX520 HS 16MP Digital Camera

($189.75 on Amazon)

**Product Features**

- 42x Optical Zoom (24-1008mm) and 24mm Wide-Angle lens
- 16.0 Megapixel High-Sensitivity CMOS sensor combined with the Canon DIGIC 4+ Image Processor
Fujifilm Finepix S2980 Digital Camera (14Mp, 18X Optical Zoom) 3 Inch LCD Screen

$179.95 on Amazon Similar at Walmart and Best Buy

Product Features
3.0in LCD screen (230K dot resolution) and EVF
HD stills (Full HD) and 720p HD movie capture (30 fps)
Face Detection with Blink detection and shooting modes
Motion Panorama mode  Auto Rotate
GE Power Pro X500-BK 16 MP with 15 x Optical Zoom Digital Camera, Black

$179.00 on Amazon  $159.00 at Walmart

Product Features
16 MP Digital Camera with 15X Optical Zoom
2.7 Inch auto LCD screen
Built-in 14MB internal memory with SD/SDHC support up to 16GB
Optical image stabilization, face auto exposure, auto scene, and 3200 ISO

KODAK ALSO HAS A VERSION OF THIS CAMERA AVAILABLE AT WALMART OR AMAZON
Canon EOS Rebel T3 Digital SLR Camera

Beyond Student Grade Camera

EXCELLENT

Not a Requirement for this class!

Product Features
18.2 megapixel resolution
Equivalent to a 28 - 90mm lens on an analog camera with 0.92' minimum focusing distance
2.7" TFT LCD screen with image editing features
Built-in flash with up to 17mm focal length flash coverage
SD/SDHC/SDXC memory card slot
Rechargeable Lithium-Ion battery for up to 800 shots
ISO Modes: Auto, 100 - 6400 in whole-stop increments
Nikon D3100 14.2MP Digital SLR

Beyond Student Grade Camera

EXCELLENT

Not a Requirement for this class!

Product Features
- 14.2-megapixel DX-format CMOS image sensor; 3-inch monitor with One-Touch Live View shooting and movie capture
- Includes 3x 18-55mm Zoom-NIKKOR VR Image Stabilization lens
- Full 1080p HD Cinematic Video with full-time autofocus and sound
- Easy-To-Use Nikon Guide Mode with intuitive controls and on-board assistance
- Capture images to SD/SDHC/SDXC memory cards (not included)
Nikon Coolpix AND Other Cameras in the NIKON COOLPIX BRAND

If you already own this camera – We will make it work.

PLEASE DO NOT PURCHASE THIS CAMERA
THERE ARE BETTER, LESS EXPENSIVE OPTIONS!
If you are using a camera such as the Canon Rebel or Nikon Digital SLR, and you have reservations about bringing it to school – We can work with that.

Talk to me about **NOT** bringing it to school.

It will take more coordination and time management on your part. You will have to take all of your photos at home, and bring the images to school on a Memory Stick or SD Card. You could also upload your images to your OneDrive at home – and then access them at school.
FOR ANY CAMERA YOU HAVE OR GET

You will need Batteries and a SD card. If your camera has a charger – YOU MUST KEEP IT CHARGED

It is NOT a good idea to share a SD card with your family if you are using a shared camera.

An 8GB SD card is plenty – anymore than that is an unnecessary expense.

(not all cameras use AA – so check to see what you need)
Batteries run down – it is your job to have Batteries for your camera.

SD cards are expensive
Make sure you have yours – when you leave class!!

An 8GB SD card is plenty – >
anymore than that is an unnecessary expense!!
YOU MAY NOT USE YOUR PHONE CAMERA FOR THIS CLASS.
If you are purchasing a camera, please look for the features that are important for this class:

Highest Megapixel for your budget
   More Megapixel = higher resolution (quality)

Features/Functions (Settings or Modes) that you can change
   i.e. **Aperture, Shutter Speed, ISO and White Balance**

Different brands may use different terminology.