

Images created for this class will be produced digitally. There are several camera options for you to consider. Before you decide upon a certain camera system, however, first consider your major, area of concentration and the extent of your future involvement in photography. There are, however, certain basic features your camera needs to meet the requirements of this class.

All cameras must have the following capabilities:

1. Ability to set equivalent ISO ratings.
2. Manual mode; which allows you to select f/stop and shutter speed setting.
3. Manual focus capability.
4. Black and white mode; that allows you override color and photograph in black and white.

The cameras listed for Photo-Illustration majors will have all of these features.

Technology is advancing rapidly, consider the prices indicated below as estimates.

### Photo-Illustration Majors

Photo-Illustration majors will need a digital Single Lens Reflex, (D-SLR), camera. This type of camera will offer a greater range of both technical and image control and introduces a complete range of interchangeable lenses in a broad spectrum of focal lengths. It will also be a piece of equipment that will serve you well throughout your program of study here and well beyond. The cameras listed below are recommendations in a range of sophistication and price considerations.

Nikon D3S (body only) 12.1 megapixels	\$5,199.95
Canon 1D Mark IV (body only) 16.1 megapixels	\$4,999.95
Canon 5D Mark II (body only) 21.1 megapixels	\$2,699.95
Nikon D700 (body only) 12.1 megapixels	\$2,699.95
Nikon D300s (body only) 12.3 megapixels	\$1,799.95
Canon 7D (body only) 18 megapixels	\$1,699.95
Canon 50D (body only) 15.1 megapixels	\$929.95

### Non Photo-Illustration Majors

Non-Photo-Illustration majors have two basic options in choosing a camera for this class. The first option is a digital camera that is not a single lens reflex. Note that it is important that the camera in this category has a full manual control. Specific camera recommendations in this category are difficult, as models change frequently. At this writing, however, the following cameras would work well:

Nikon D90 (body only) 12.3 megapixels	\$789.95
Canon Rebel T1i (w/EF-S 18-55mm IS lens) 15.1 megapixels	\$769.95
Nikon D5000 (w/18-55mm VR lens) 12.3 megapixels	\$749.95
Nikon D3000 (w/18-55mm VR lens) 12.3 megapixels	\$549.95
Pentax K-x (w/ 18-55mm lens)	\$549.95
Olympus E-620 (w/ 14-42mm lens) 12.3 megapixels	\$506.95
Canon Rebel XS (w/ 18-55mm IS lens) 10 megapixels	\$449.95
Sony Alpha A230 (w/18-55mm lens) 10.2 megapixels	\$429.95
Olympus E-520 (w/14-42mm lens) 10. megapixels	\$418.95

### Data Storage

Because the images you created for this class will be created digitally, you will need two types of storage:

1. Camera Drive Storage. Some cameras come with a camera storage card, but typically it has limited space. We recommend at least 2, 1 GB cards.
2. Digital File Storage. A variety of materials can be used for this purpose. Some acceptable storage devices are; CD's, DVD's, Jump Drives, and external hard drives.

### Accessories

You will need a quality tripod. These range in price and quality. Depending your commitment to the Photo-Illustration program, select a tripod that suits your needs. Prices may range from \$25.00 to \$500.00. Throughout the semester you will need to purchase mounting and presentation materials, such as dry mounting tissue and matt board. A grey card will also be needed. These items can be purchased at your local camera store, art supply store, or on-line.