



# Introduction to Digital Photography

*Instructor: Jennifer Finn*

## **Course Description**

In this beginner level course, you'll develop a solid foundation by using your digital camera in class and receiving feedback on your photos. Fully understand shutter-speeds, apertures, ISO, histograms, focusing and the various exposure modes available to create better quality images. We'll also cover how to safely transfer and backup your photos. Bring your camera, or if you are looking to purchase, hold off until after the first class as we'll review various makes and models.

- Class 1** • We start the course with the Anatomy of the DSLR. Topics include: What is a DSLR/Mirror Camera, Tour of the Camera, Dissecting all the bells and whistles, Through the Viewfinder, LCD Screen, and your Camera Menu.
- Class 2** • The Anatomy of the DSLR will continue with class 2. Topics include: Image Playback, Image Sensor, Lens Anatomy, Pixels, Image Formats, Jpeg vs Raw, Colour Space, Memory Cards, and Camera Maintenance.
- Class 3** • New Topic will begin on Exposure. This topic will include what is the Exposure Triangle, Aperture, Shutter Speed, ISO, Different Camera Modes, Metering, Over and Under Exposure. A photo challenge will be given and shared next class.
- Class 4** • Class begins with the sharing of students Photo Challenges. Exposure discussion then continues with the following topics : Histograms, AE-L and AE-F, Scene Modes, Bracketing/Exposure compensation, Exposure Modes (A, S, M, P), Bulb/Long exp NR. A new Photo Challenge is given.
- Class 5** • Class starts with the sharing of students Photo Challenges. A new Topic on Focus begins. Students will learn How to Focus, difference between Automatic and Manual, Continual Shooting/Single Shot, AF Lock, The Lens and Hyperfocal Distance, and Depth of Field. A Focus challenge is given.
- Class 6** • Photo Challenges are shared. New Topic on Lighting begins. Topics discussed will be the Different Types of Light, Direction of Light, The Flash, Shadows and Highlights, Colour of Light, White Balance, Filters, Reflectors and Diffusers. A Lighting Challenge will be given.
- Class 7** • Photo Challenges are share and a new topic will begin on Compositions. This is where students will learn the elements of Composition and the importance it plays on the artistry of a photograph. A new Photo Challenge on Composition will be given.
- Class 8** • A new topic starts: Winter Photography. Photographing in the wintertime can be tricky. Students will learn tips and tricks to get that perfect snowy photograph. A new photo Challenge will be given.
- Class 9** • Final topic on Image Management will be discussed. Students will learn what to do with your photos, Fun photo apps, How to Organize, Back up, Share and Print your Photos. Final Photo challenges will be shared.
- Class 10** • Final topic on Image Management will be discussed. Students will learn what to do with your photos, Fun photo apps, How to Organize, Back up, Share and Print your Photos. Final Photo challenges will be shared.

## **Notes**

*Please note that due to questions and demonstrations some topics do take longer or shorter than estimated in class outline.*