



The Bedford Center for the Arts Photo Group presents

Flash for Digital Nature Photographers

Michael Milicia, instructor

Saturday, May 18, 2013 ~ 9 am to 5 pm

Lunch (on your own) from noon to 1 pm

In the BCA space on the ground floor of Old Town Hall in Bedford

To register, email info@bedfordarts.org or visit www.bedfordarts.org

Flash is one of the most useful yet least understood tools available to the nature photographer. The addition of a supplemental light source can dramatically increase your productivity by allowing you to get quality results in a much wider variety of light conditions.

In order to make effective use of flash, one must also understand how to expose for ambient light. Therefore, we will begin with a brief but thorough review of ambient light exposure concepts and techniques. Many of the concepts covered during this review will also be critical for learning how to use flash effectively.

We will then continue with an introduction of the fundamentals and basic mechanics of flash operation. Once we have the basics down, we will go on to cover :

Relationship between flash and ambient exposure
Front, rear, and high-speed sync
Flash as main, balanced, and fill light
Manual flash

Automatic/TTL flash
Flash Exposure Compensation
Flash metering
Flash Exposure Lock
Use of Better Beamer

Each concept and technique will be demonstrated by having participants conduct their own tests using their own equipment in the classroom. Weather and time permitting, we will also move outdoors for some "in the field" testing and demonstrations.

The main goal of this class is to teach you what you need to know to make effective use of a hot shoe flash when shooting outdoors. But, you will also gain a strong foundation of general flash knowledge which will serve you well if you choose to go on to learn more about multi-flash setups or indoor studio lighting.

Bring your digital SLR, external hot shoe flash, a small lens (e.g. 24-70 or 70-200), and all of the corresponding instruction manuals to class.

A minimum of 4 students is needed to run the class, with a maximum of 8.

Prerequisites : Understanding the basic principles of photography such as aperture, shutter speed, and exposure compensation as well as basic knowledge of your camera.

Tuition : \$125 each (Lunch is not included)

Registration : Send email to info@bedfordarts.org or visit www.bedfordarts.org

About the instructor: Michael Milicia is a nationally recognized photographer whose work has been featured in many juried art shows and exhibits throughout New England. [Click here to see a portfolio of Mike's work](#) or [click here to visit his website](#)

Since June of 2011, Mike has been an instructor and workshop leader for Charles Glatzer's [Shoot The Light Instructional Photographic Workshops](#).

For additional information about Fundamentals of Digital Photography, email Michael Milicia Photography, mike@miliciaphoto.com.

