



## A One Day Macro/Close-up & Image Stacking Photography Workshop - May 12, 2012

**Macro** photography lets you explore and create exciting photographs of a whole new and intimate world. Zeroing-in to create interesting abstracts or just filling the frame with a tiny flower, insect or a jewel. Close-up and Macro photography is all about producing images that you can't ascertain with your naked eye.

Once you've learned all the basics of photography, why not pay heed to some specific areas like Macro

and Close-up Photography. While Macro Photography is the art of creating an image that is the same size as the original, close-up is not necessarily a 1:1 ratio.

In this workshop we'll address the challenges you'll face with Macro Photography and the methods and tools used to overcome those challenges. We will deal with the lighting and equipment, as well as several techniques to get better images.

- Selecting the appropriate equipment.
- Lighting
- Stacking

We will cover “Understanding Depth-of-Field” as it affects Macro Photos. We will have time to shoot after the presentation, so bring your cameras and tripods.

Participants will learn how to create high magnification images using macro lenses, tubes and diopters. In addition, Participants will learn how to create one completely focused image from several partially focused images by combining the focused areas. This technique is Ideal for macro-photography and landscape photography when sharpness from zero to infinity is required.

The workshop will be in three parts

### Part 1

An educational presentation that will cover:

- Based on the subject - how to set your camera to capture macro images. When to use extension tubes and diopters.
- Based on the subject - how to set your camera to capture correctly bracketed “FOCUS” images using the sweet spot aperture of each lens used.
- Other essentials to create the image stacks
- Other essentials for macro photography – lights, reflectors and diffusers and how to use them.

### Part 2:

The participants will capture macro images based on what they have been taught.

- Flowers
- Inanimate Macro Subjects
- Other items of their choosing

### Part 3:

A detailed “How To” post process for macro photography and one-on-one instruction.  
A detailed “How To” presentation on using the software for image stacking and one-on-one instruction.

- Image import and evaluation
- Image stack selection

- Creating the stacked image – one image for each subject for a total of 3 final images.

The participants will use Helicon Focus – a trial version will be available on DVDs. Participants who own focusing rails should bring them to the workshop. Tripods are a must. Remote (cable) release is preferable.

We will have an opportunity to view and critique each other’s final images.

### **The following equipment is recommended but not imperative for the hands on session:**

- DSLR Camera
- Macro Lens 60mm to 180mm
- Extension Tubes
- Diopters 250D to 500D
- Tele-extenders 1.4X, 1.7X, 2.0X
- Focusing Rails.
- Hot Shoe Flash, Ring Flash, Dedicated Macro flash heads (Canon and Nikon)
- Cable Release
- Tripod
- Laptop computer
- USB or Firewire Cable to tether your camera to your computer
- Camera Manual (Very Important)

### **Location and time:**

652 Dedham Street, Wrentham, MA 02093  
9:30 AM to 6:00 PM

### **Registration:**

The workshop is limited to 10 participants. Please call 617.759.0010 or email [s.verma@me.com](mailto:s.verma@me.com) to your confirm registration no later than March 22, 2012.

### **Fee:**

The workshop fee is \$ 75 payable no later than May 8, 2012. Please pay by check or cash to Shiv Verma, 652 Dedham Street, Wrentham, MA 02093-1149