



Advanced Digital Training

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ADT COURSE OUTLINES

COURSE NAME: Working With Digital Photographs

DURATION (hours): 12

OF MODULES: 4 modules (3 hours each)

COURSE OVERVIEW:



This course is designed for owners of digital cameras who wish to better understand how to effectively use them, and work with the digital images they produce. The course is divided into 4 3-hour modules as follows:

Module 1: ►

Students learn about the features and menu choices found in most typical digital cameras. It covers topics such as: Image Quality, Image Resolution, Metering, Flash settings, ISO settings, White balance, Macro photography, Exposure adjustment and Shooting modes. During module 1, students are taken to a local site where a series of panoramic photographs are taken for use in module 3. Finally, students are given a photo assignment to be carried out before the start of Module 2

Module 2: ►

In this 3 hour unit, students are introduced to image editing in the PC. Using Photoshop or Photoshop Elements, a step-by-step recipe is explained and demonstrated, in which students learn how to analyze digital images, determine what adjustments are necessary, and are given a sequential step-by-step process to follow. These steps include instruction on making physical adjustments, exposure adjustments, colour correction, image sharpening, performing local fixes by means of cloning, dodging, burning, and finally, preparing the image either for printing, or for emailing.

Module 3: ►

In this unit, students select a number of images from their portfolio (drawn from photos they took after Module 1), and, using the recipe developed in Module 2, they manipulate, adjust, fix and prepare them for printing in Module 4. Typically, students will prepare 2 8x10 prints, 4 6x4 prints, and a long panoramic print created by combining the panoramic sequence of photos taken in Module 1.

Module 4: ►

This session focuses on the output stage - preparing images for printing or emailing. Concepts such as Image resolution (and its impact on print quality), Image quality and file types are carefully explained. Monitor and printer calibration - vital to accurate colour rendition - are explained and demonstrated and students calibrate their monitors so that they can replicate the process on their own personal PC systems. Finally, students print their pictures onto high quality photo paper. They take away a CD with a set of utility and demo programs, as well as copies of all of their digital images (originals and processed versions) so that they can try out the same prints on their home PCs.