

# Raster Design Fundamentals

Course | 2 days

Class Hours | 8:30am - 4:30pm



**Raster Design Fundamentals** will help you unlock and extend the value of scanned drawings and maps, aerial photos, satellite imagery, and digital elevation models. Raster Design software has powerful and intuitive raster tools which integrate with all AutoCAD based applications.

**Prerequisites:** Basic knowledge of Windows Operating System, A working Knowledge of AutoCAD.



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Visit [mwcad.com](http://mwcad.com) for a complete class schedule or call us at 800-279-3221.

\* The suggested course duration is a guideline. Course topics and timeline may be modified by the Instructor based upon the knowledge and skill level of the course participants.

**What students are saying about our courses:**

**"I loved how the instructor focused the materials to our needs and uses. Great course!"**

- Matthew Crockett, Aquaterra Environmental Solutions

**"The instructor was very knowledgeable and ensured everyone grasped the concepts before moving on. He answered all questions even if they were outside the scope of the class. Great Job!"**

- Vern Howard, Honeywell FM&T

### Inserting and Creating Images

- Creating a New Image, Inserting Images, Managing Images in a Drawing, Masking and Cropping Images

### Tiling, Saving and Exporting Images

- Working with Tiled Images, Merging Images, Saving Images, Exporting Image Files

### Working with Multi-Spectral Images

- Inserting and Analyzing

### Correlating and Rubbersheeting Images

- Correlating Scanned Drawings, Rubbersheeting Images

### Enhancing the Appearance of Images

- Fixing Errors in Scanned Images, Using Bitonal Filters, Using Convolve Filters, Working with a Histogram, Controlling Colors with the Palette Manager

### Editing Images

- Cleaning Up an Image, Editing Images using Raster Entity Manipulation, Merging Vectors into Raster Images

### Working with DEM Data

- Inserting and Analyzing DEM Data

### Raster to Vector Conversion

- Using Vectorization Tools for Interactive Conversion, Using Vectorization Line-Following Tools, Creating Contours Using the Contour Follower, Converting Raster Text