

## Raster Design in AEC Applications – 8.0 Hours (1 Day)

### Course Description

#### Summary

The class examines the AutoCAD® Raster Design tools for managing and editing raster data used in AEC design, analysis and presentation drawings. Techniques applicable to scanned line drawings, digital photos and other image types are presented.

#### Representative Topics

Adjusting the Image Contrast and Brightness  
Automatic Line Following versus Manual Methods  
Combined Raster and Vector Data  
Converting Image Types  
Converting Raster to Vector – Contour Maps  
Converting Raster to Vector – Tax Maps  
Creating and Manipulating Binary Images  
Cropping and Saving Images  
Editing Raster Entities  
Hybrid Drawings  
Image Data Types and Management

Image Insertion and Correlation Sources  
Inserting and Correlating Images  
Managing and Plotting Hybrid Documents  
Manipulating and Editing Photographic Data  
Matching and Rubber Sheeting Images  
Raster Design Capabilities and Enhancements  
Raster Design Interaction with Map Coordinate Systems  
Raster Entity Manipulation  
Removing Image Areas  
Saving and Inserting Georeferenced Images  
Working with Raster Line Drawings

#### Prerequisites

Thorough familiarity with AutoCAD is essential.



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