

ADVANCED MAPINFO PROFESSIONAL[®]

Two Day Course Outline

The **Advanced MapInfo Training Course** is a natural follow-on to the **Introduction to MapInfo Training Course** and is designed to enable you to utilise more of the complex features available to you in **MapInfo Professional**. Depending on the nature of your requirements the **Advanced MapInfo Professional** course may cover some or all of the following training areas:

- Thematic Maps
- Advanced Thematic Mapping
- HotLinks – Automatically launching files, eg. word documents or Excel Spreadsheets, from objects on the map
- Introduction to SQL Select for querying your data
- Creating and Editing Objects on your map
- Using the MapBasic Window
- Automatically updating Columns within your table of data
- Registering Raster images
- Redistricting, ie. Automatically assigning areas, eg. wards, council areas, to specific themes
- MapInfo Tools for Advanced Functionality
 - Seamless Table Manager
 - Universal Translator
 - Coordinate Extractor
 - Symbol Maker
 - Disperse Points
 - Other

In addition: If you wish specific data to be included within the training courses, ie. data which you use on a daily basis, then please contact us or discuss while booking training

MapInfo Professional – Advanced Course

Training Dates

Month	Training Dates	Advanced Level
Please email mail@centroidsystems.com for further information		
Each course participant receives a 150 page Advanced MapInfo GIS Training Manual		

Content (Advanced MapInfo Professional)

Advanced Thematic Mapping

- Comparing Multiple Values: Bivariate Thematic Shading
- Creating and Using Templates
- Comparing Multiple Variables: “See-Through” Patterns
- Prism Mapping
- Grid Surface Thematic Mapping
- Section Exercise

Introduction to SQL Select

- Using the SQL Dialog
- Using SQL Select
- Filtering Data
- Deriving Information
- Rounding Off Numbers
- Aggregating and Summarizing Information
- Sorting Information
- Joining Tables
- Geographic Queries: Geographic Joins
- Section Exercise

Creating and Editing Objects

- Creating a New Map
- Snap to Node
- Setting Snap Tolerance
- Tracing Nodes with Autotrace
- Reshaping Map Objects
- Combine, Erase and Split
- Section Exercise

Using the MapBasic Window

- The MapBasic Window
- Creating Circles/ Lines/ MBR's from Points using the MapBasic Window
- Editing a Workspace
- Other MapBasic Commands
- Section Exercise
- Performing Function on a Table
- Computing Coordinates
- Updating Queries
- One Column Outer Joins
- Extracting a Date Field from a Date Field to derive the number of days
- Section Exercise

Advanced MapInfo Professional - Course Outline (continued)

Update Column

- Performing Function on a Table
- Computing Coordinates
- Updating Queries
- One Column Outer Joins
- Extracting a Date Field from a Date Field to derive the number of days
- Section Exercise

Registering Raster images

- Registering a Raster Image
- Changing the Appearance of a Raster Image
- Raster Image Limitations
- Displaying an Unregistered Image
- Section Exercise

Re-districting

- Understanding Redistricting
- Saving and Ending a Redistricting Session
- Using Query > Select to Make the Selection
- Section Exercise

MapInfo Tools for Advanced Functionality

- The Seamless Table Manager
- The Universal Translator
- Coordinate Extractor
- Symbol Maker
- Disperse Points
- Section Exercise

Also included in the manual:

- Quick reference guide of the Standard/ Main and Drawing Toolbars
- Data Structure of the files used in GIS Training Course
- On line MapInfo and GIS Resources: MapInfo Test Drive Centre
- Glossary