

# ADVANCED GIS



**XY MAPPING**  
real world geographical information system solutions

Want to learn GIS while shortening your path to tertiary qualifications?



## 1 Where does spatial data come from?

Capturing Attribute Data | Metadata  
Methods of Data Capture, GPS, DGPS, As  
Constructed Surveys | Other Databases  
Practical Exercise - Update a layer using an excel spreadsheet.

## 2 Translation & Metadata

Importing & Exporting (Geography & Attribute data)  
Metadata templates

## 3 Data - Querying & Edits

Layer Creation & Manipulation  
Geography | Adding Attribute data fields  
Spatial Editing | Editing Attributes  
Adding / Deleting vertices or nodes  
Independent Exercise - Creating a wetlands region

## 4 SQL Select

SQL Selections | Independent Exercise - SQL Selections and updating data | Extended Exercise - Mail Merge  
Duration: 9am - 4:30pm

In Partnership with



**Delivered in your choice of GIS such as MapInfo or ESRI Arcview**

**\* Course content varies accordingly No Prior experience necessary**

Upon satisfactory completion trainees will be eligible for recognition of Prior Learning (RPL) of module CPPSIS2007A which can be credited towards a number of alternate Certificate II courses delivered through TAFE

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