

Using ArcPad

1 Day Training Course

Using ArcPad

RIA Mobile GIS

Using ArcPad

This one day course provides a functional overview and hands on experience using ArcPad and associated hardware. You are introduced to the ArcPad interface and guided through some of the common issues that are encountered whilst field mapping with GIS, including hardware constraints of Windows CE and Mobile devices and hand held GPS units. This course will be run using ArcPad Version 7.1.

You will learn about

- Display a variety of data
- Connect a GPS and display position
- Navigate to known features
- Capture point, line and polygon data with and without GPS input
- Create simple data input forms using ArcPad's Quick Form Wizard
- Learn how to create an ArcPad Photo Layer
- Learn how to use the ArcPad snapping rules for data editing
- Verify and maintain existing data
- Use the ArcMap tools available for taking data to and from ArcPad
- Use ArcMap's new Export Symbology tools to transfer ArcGIS symbology to ArcPad
- Identify the issues surrounding data integration
- Use Basic GPS operational procedures
- Use Windows CE and Windows Mobile features.

Learning Methods

- Instructor lead presentations of the topics and concepts using ArcPad in a series of live demonstrations.
- Practice sessions; each student receives a work book that guides them through ArcPad activities.
- Questions and discussions.

This ArcPad course is a stimulating and rewarding experience. There is a good mix of instructor presentation and practice sessions so that you can make the most out of the day. The atmosphere is informal and friendly providing the ideal learning environment.

Made for ESRI Australia

This is the standard ESRI Australia course. The practice sessions were developed in Australia and adhere to the usual ESRI training standards.

Prerequisites

This course is for trainees with a basic understanding of GIS. Trainees should also be familiar with Microsoft Windows and Windows Mobile or CE.

Trainees are asked to bring a Field/Mobile device (PDA/UMPC/Laptop) with ArcPad 7.1 and GPS, if you have one.

Added Value

Course participants will receive one month of free telephone support on the course material. In fact, we will phone you to ask how you are progressing with ArcPad.



Course Topics & Outline

Windows CE & Mobile Devices

- Brief Overview of Windows CE and Mobile Devices
- Selecting the correct Device for Field and Mobile Mapping

Working with ArcPad

- Starting ArcPad
- Adding Data and Opening Maps

Changing the Display Extents

- Panning, Zooming & Changing the Display Extent

Configuring ArcPad and Advanced Settings

Managing Layers in ArcPad

- Map Projections and Datums
- Layer Properties and Manipulating Layers
- Symbolising your Data and Legend Properties
- Snapping

Navigating with ArcPad

- Measure, Select and Find Data

Creating New Layers in ArcPad

- Creating a Shapefile, QuickForm and/or QuickProject
- Creating a Graphics or Photo Layer

Working with GPS

- Connecting, Configuring and Activating your GPS

Data Capture and GPS Data Capture with ArcPad

- Making Layers Editable
- Adding, Editing and Deleting Features

Data Preparation and Integration

- Preparing your Data
- Shapefiles and ArcPad Exchange Format (AXF)

Creating ArcPad Exchange Format (AXF) Data for Field Capture

- Exploring and Exporting AXF Data to ArcPad

Courses are run either as a RIA Mobile GIS or ESRI Australia Scheduled Course, or as a Client Requested Onsite Course. RIA Mobile GIS is an ESRI accredited trainer authorised to provide ArcPad and ArcPad Application Builder training courses. RIA Mobile GIS are the developers of the ArcPad and ArcPad Application Builder courses run throughout Australia and New Zealand.

