Modeling an ArcGIS™ Geodatabase using Enterprise Architect 13.x

One Day Course Syllabus

Introduction to Enterprise Architect

User Interface
- Desktop layout
- Portals
- Commonly used Views
- Perspectives: Workspace Layouts, Menu, and Ribbon Configuration

Managing Projects
- Creating and opening Projects
- Creating Root Nodes, Views and Packages
- Adding Models using the Wizard
- Organizing Models with Views and Packages

Managing Diagrams
- Toolbox
- Creation techniques
- Menu/ribbon options, context menu, properties and toolbar
- Navigation between diagrams
- Floating diagrams
- Copy/paste across diagrams

Creating Diagram Elements
- Creation techniques
- Editing properties
- Drag and drop

Customizing Diagram Element Appearance
- Color, Font, Image
- Layering
- Feature Visibility
- Layout and Alignment

Deleting Model Elements
- Diagram level deletions
- Repository level deletions

Managing Connectors
- Creation (toolbox and Quick Linker)
- Redirection
- Line bends
- Line styles

Managing Package Content
- Package Navigator
- Package Browser/List View (overview)

Tool Configuration
- Defining People
- Defining general types
- Personal and global configuration options
ArcGIS

Introduction
Creating a Workspace Model
  Features
  Domains
  Spatial References

Toolbox Elements and Properties
  Class (Abstract and Concrete)
    Leveraging inheritance
  Point
  Polyline
  Polygon
  MultiPatch
  MultiPoint
  Table
  Subtype
  Coded Value and Range Domains
  Fields and Indexes
  Topology
  Raster
  Spatial Reference
    Setting the default
    Configuring

Relationships
  Setting multiplicities
  Origin and Destination Class
  Notification property
  Path labels
  Primary and foreign keys
  Many-to-many relationships
  Setting catalog paths

Other Features
  Show/Hide system fields
  Customizing system fields
  Validating the workspace model
  Exporting the workspace to an ArcGIS xml schema
  Importing ArcGIS models from Visio
  ArcGIS to UML concept mapping
  Exercise

Traceability and Navigation

Overview
The Relationships window
The Relationship Matrix
The Gap Analysis Matrix
The Traceability window
Other traceability features
Core Tool Features (as time allows)

Documentation Generation
- RTF/DOCX/PDF generator
- Diagram, Package, and Element options
- Linking generated documents into Microsoft Word
- Model documents
- Master documents
- Generating HTML
- Other features

Document Artifacts
- Creating
- Linked Documents
- External document links
- Document window

Model Searches
- Initiating
- Configuring
- Viewing results
- Custom searches
- Other features

Managing Baselines and comparing models
- Creating baselines
- Administering baselines
- Package comparisons
- Diagram comparisons