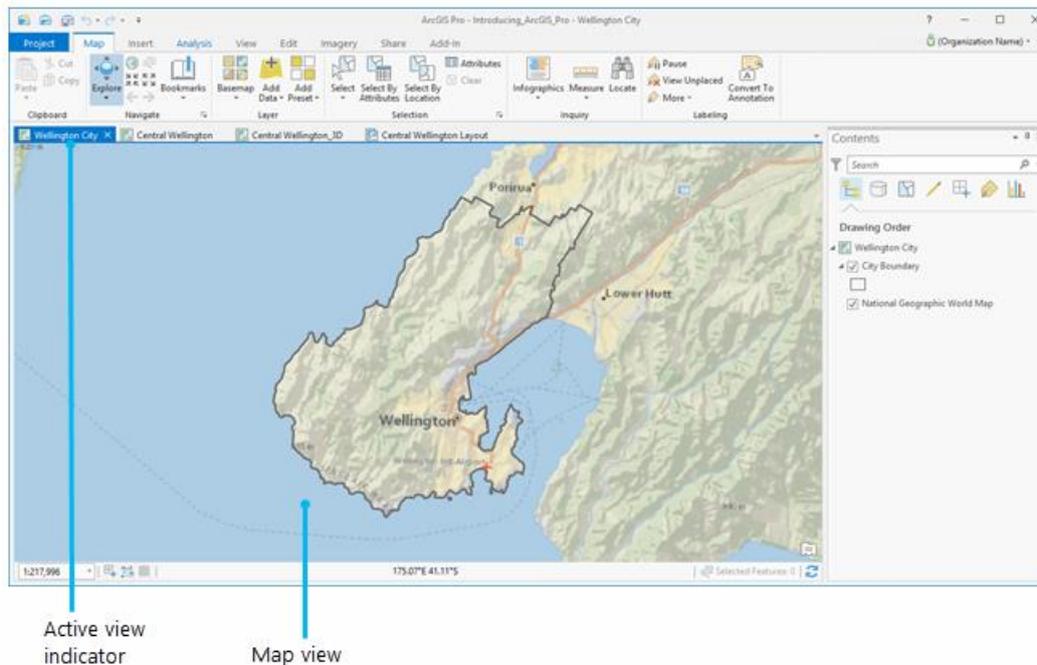


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SGD\$1440.00 /-

## ArcGIS Pro: Essential Workflows

Extend your foundational GIS knowledge, get comfortable with the ArcGIS Pro application, and explore some of the most common GIS workflows.



Level: Intermediate

Course Duration: 3 days

### What is the course about?

This course introduces techniques and general best practices to map, manage, analyze, and share data and other GIS resources. Hands-on exercises will give you the experience needed to efficiently work with ArcGIS Pro.

### Who is the target audience?

This course is designed for Data Editors, GIS Analysts, GIS Database Designers, Map Designers and GIS Desktop Application Developers to attend.

### Are there any prerequisites?

Completion of ArcGIS 1: Introduction to GIS or Introduction to ArcGIS Pro for GIS Professionals is required.

### What skills will I learn?

After completing this course, participants will be able to:

- Organize, create, and edit geographic data
- Manage, symbolize, and label map layers
- Analyze GIS data and solve spatial problems
- Share maps and analysis results.

## Topics

### 1. Getting started with ArcGIS Pro

- ArcGIS Pro features
- Licensing ArcGIS Pro
- Template options for starting ArcGIS Pro
- Project structure
- ArcGIS Pro interface

### 2. Working with GIS data

- Data storage models
- Spatial data properties
- Locating key data properties
- Getting data into a geodatabase
- Use ArcGIS Pro without a template
- Create a file geodatabase
- Transfer data between geodatabases
- Import a shapefile into a geodatabase feature class
- Import multiple feature classes into a geodatabase
- Convert tabular data
- Convert online data

### 3. Coordinate systems

- Differentiate between coordinate system types
- Geographic transformations
- Importance of projected data
- Projecting data

### 4. Symbolizing layers

- Attribute types and layer symbology
- Types of layer symbology
- Differentiating between layer symbology
- Classification methods
- Selecting a symbology option

### 5. Controlling feature display

- Types of selection queries
- Selecting features using queries
- Definition queries
- Displaying features at different scales
- Symbol classes

### 6. Adding text to the map

- Defining characteristics of map labels
- Using Label classes
- Geodatabase annotation
- Choosing standard or feature-linked annotation

### 7. Visualizing data in 3D

- 3D mapping capabilities
- Local and global scenes
- Exploring elevation sources
- Displaying features in 3D

## 8. Create features from tabular data

- Indirectly storing spatial data
- Evaluate tabular data
- Displaying x,y coordinates in a map

## 9. Associating tabular data

- Tables relationships
- Common table management items
- Table Cardinality
- Joins and relates
- Exploring joins and relates
- Choosing joins or relates

## 10. Editing features and attributes

- Editing features
- ArcGIS Pro editing environment
- Feature modification tools

## 11. Spatial analysis

- Spatial analysis workflow
- Types of analysis
- Geoprocessing tools
- Exploring the analysis environment

## 12. Analysis using ModelBuilder

- Automating your analysis
- Why use ModelBuilder
- Exploring model elements

## 13. Map layouts

- What is a map layout?
- Map objectives
- Explore a map layout
- Creating a map layout

## 14. Sharing with ArcGIS Pro

- Sharing methods
- Sharing roles and permissions