

ArcGIS Desktop 1: Getting Started with GIS 2 Days (16 hours)

This course helps you understand what GIS is, what it can do, and how others are using it. You learn the fundamental concepts and basic functions of a GIS, the properties of GIS maps, and the structure of a GIS database. In course exercises, you develop basic software skills by working with ArcGIS to visualize geographic data, create maps, query a GIS database, analyze data using common analysis tools, and solve geographic problems using a systematic approach. This course gives you the foundational training you need to take **ArcGIS Desktop II: Tools and Functionality**.

Course Objectives:

- Be able to explain what GIS is and what it can do
- Learn how GIS maps are different from other maps
- Have fun making maps
- Use geographic data
- Answer geographic questions
- Analyze spatial relationships
- Solve a real-world problem with ArcGIS
- Explain how you will use GIS in your daily life

After completing this course, you will be able to:

- Understand how you and your organization can benefit from a GIS.
- Describe key concepts in GIS map creation.
- Understand data formats and how to effectively organize data in a GIS database.
- Ask questions about your data and analyze the spatial relationships within your data in order to solve problems with GIS

Knowledge of Windows-based software for basic file management and browsing is required.