



ArcGIS Training diploma

Introduction: Engosoft introduce arcgis diploma Because ArcGIS users have diverse educational backgrounds and workplace responsibilities, the courses below provide distinct entry points into the ArcGIS platform while also supporting a progressive approach to learning key workflows. Each course teaches knowledge and skills that will enable you to move forward with ArcGIS in the direction you want to go.

	Intended Audience	Learn How To
ArcGIS 1: Introduction to GIS	Anyone; requires no prior GIS education or experience.	<ul style="list-style-type: none"> Find and organize geographic data Create, work with, GIS maps Use ArcGIS tools to find features that meet specific criteria
ArcGIS 2: GIS Workflows	Professionals who have limited experience with GIS and ArcGIS.	<ul style="list-style-type: none"> Author high-quality GIS maps Efficiently find, visualize, and manage geographic data Analyze GIS data to solve common spatial problems
ArcGIS 3: GIS Analysis	GIS professionals who manage or conduct analysis projects.	<ul style="list-style-type: none"> Apply a standard process to obtain reliable results from different types of GIS analyses Automate analysis workflows using geo processing models Share analysis workflows and results
ArcGIS 4: GIS for Management	GIS for management gives a look to GIS projects from scratch to all process in the project cycle	<ul style="list-style-type: none"> Project analysis. Planning project. Implementing data and quality process. Development applications and testing. delivering output with GIS standard





Arc GIS diploma

Course	Hours	Level	Category
ArcGIS 1: Introduction to GIS	20 Hrs	Basic	organize geographic data
ArcGIS 2: GIS Workflow	20 Hrs	intermediate	Understanding data
ArcGIS 3: GIS Analysis	20 Hrs	Advanced	Data analysis
ArcGIS 4: GIS for Management	20 Hrs	Management	Data management

ArcGIS 1: Introduction to GIS

Course requirements

To gain the most from this course, participants should have completed the ArcGIS Foundation course and had the opportunity to put those skills into practice outside of the training environment.

Alternatively, equivalent skills gained through informal training and experience may be adequate. Please contact our training manager if you are unsure which course is best for you.

Course objectives

- GIS Applications (Arc map, catalog, toolbox)
- Navigating Data
- Query and selection
- Layer properties
- Data view and layout view
- projection and coordinate system
- Data format (shape , Geodatabase , CAD, rasters)
- Editing data
- Georeferencing data





ArcGIS 2: GIS Workflows

Course requirements

In this course, you will acquire skills that will prepare you to perform the most common ArcGIS workflows. Primarily using ArcGIS for Desktop and ArcGIS Online, you will explore, manage, and analyze geographic data and create informative maps. The course covers techniques to effectively share your ArcGIS work with decision makers, colleagues, and the public.

Course objectives:

- Advanced Editing.
- Geodatabase features.
- Conversion tools.
- Spatial adjustment.
- Join and Relation.
- Domain and subtype.
- Working with 3D data
- Reporting and graphs

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ArcGIS 3: GIS Advanced

Course requirements

This course teaches a standard workflow you can apply to any spatial analysis project. Working with a variety of ArcGIS tools and data, you will perform different types of analyses to efficiently create reliable results that support informed decision making. This course is taught using ArcGIS for Desktop Advanced and some course exercises use tools provided in the ArcGIS Spatial Analyst extension.

Course objectives:

- Model Builder.
- Editing work flows.
- Topology.
- Advanced 3D.
- Analysis toolbox.
- 3D Analysis.
- Working with CAD data
- importing and exporting

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ArcGIS 4: GIS for Management

Course requirements

Learn how to manage GIS Projects process in different levels, the one needs this course must have good experience in GIS and need to learn standard of project management in GIS projects

Course objectives:

- Project analysis.
- Planning project.
- Implementing data and quality process.
- Development applications and testing.
- Delivering output with GIS standard

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