

Training the GIS Professional

Get Started with CAD Data in ArcGIS

- 1 day

Overview

This course provides the practical knowledge and skills needed to start leveraging GIS capabilities that enhance the value of CAD data, while infusing CAD data into GIS workflows that enhance field operations, analysis projects, infrastructure management, and more. You will learn how integrated CAD-GIS workflows drive efficiencies and insights across your enterprise.

Who should attend

- Experienced ArcGIS Pro Users

Goals

- Manage and georeference CAD data in ArcGIS Pro to align designs with real-world locations.
- Prepare CAD data for visualization in GIS maps to gain context for assets and infrastructure.
- Integrate CAD data into GIS workflows that support asset management, infrastructure planning, and spatial analysis.
- Ensure seamless cross-system use by converting CAD data to GIS data and GIS data to CAD data.

Topics Covered

- GIS data and CAD data; Compare GIS data and CAD data, GIS data and CAD file organisation in ArcGIS Pro
- Managing CAD data; CAD file formats, CAD data in ArcGIS, CAD file properties, Adding CAD data in ArcGIS Pro
- Georeferencing CAD data; Spatial reference in ArcGIS, Georeferencing CAD data, Assigning a spatial reference system
- CAD symbology; Symbolizing CAD data, applying Symbology to CAD layers, Map text for CAD data
- GIS workflows using CAD data; Working with subsets of CAD data, editing techniques using CAD data, Geoprocessing workflows using CAD data
- Converting CAD data into GIS data; Conversion process for CAD data into GIS data, Field mapping of attributes during conversion
- Converting GIS data into CAD data
- Optional - Sharing CAD data to ArcGIS Online

Prerequisites

Completion of ArcGIS Pro: Essential Workflows or equivalent knowledge.

Contact Us

For GIS training enquiries and bookings visit esriuk.com/learning, email us at learning@esriuk.com or call us on 01296 745504