



Foundation

ArcGIS Pro Standard SAQA

Duration: 5 Days

Registered unit standards:

Apply basic Geographic Information System (GIS) vector software functions (SAQA US ID: 116819, NQF Level: 4, Credits: 2)

Demonstrate an understanding of different visual variables used on maps (SAQA US ID: 258654, NQF Level: 6, Credits: 4)

Overview:

In this course, you will focus on the essential workflows, tools, and techniques of ArcGIS Pro. Building on your basic understanding of GIS concepts, you will develop skills and become proficient and productive in your use of ArcGIS Pro. Throughout this course, you will also learn how to apply a standard cartographic workflow to produce high-quality maps for both print and online use.

After completing this course, you will be able to:

- Use ArcGIS Pro to discover, use, make, and share maps and data.
- Create and update geographic data using editing tools.
- Manage, symbolize, and label map layers to optimize visualization.
- Create map layouts to visualize data and share analysis results.
- Apply the analysis workflow, geoprocessing tools, and models to solve geographic problems.
- Choose appropriate data to support cartographic needs.
- Create appropriate symbology, map elements, and layout designs for a map project.
- Create labels and annotations that are easy to read and interpret.
- Apply a standard editing workflow to manage updates to your GIS database.
- Effectively create and edit feature geometry and attributes.



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Who Should Attend?

Students who have Basic Knowledge of GIS

Prerequisites and recommendations:

Completion of ArcGIS Pro Basic or equivalent knowledge is required.

Must not attend ArcGIS Basic if you have completed the following courses:

ArcGIS Pro Essential Workflows (APEW)

Editing data in ArcGIS Pro (EDAP)

Esri will provide the following software to use during class:

- ArcGIS Pro (Basic, Standard or Advanced)