GIS Professionals



ArcGIS Advanced

(SAQA)

Duration: 5 Days (40 Hours)

Registered unit standards:

Demonstrate an understanding of map compositon elements in map production (SAQA US ID: 258656, NQF Level: 6, Credits: 4)

Develop simple SQL queries (SAQA US ID: 258642, NQF Level: 6, Credits: 4)

Support data-driven decision making.

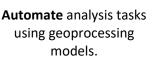
In this course, you will acquire theoretical and practical advanced skills in understanding and using Geographic Information Systems (GIS). The course addresses 'spatial problem solving' by focusing on both the theoretical / conceptual and practical aspects of GIS data and spatial analysis. Students learn how to prepare and integrate spatial data into advanced analysis workflows, visualise the data using cartographic techniques as well as identify and interpret spatial patterns.

Note: Course concepts apply to ArcGIS Desktop 10.4, 10.5.

Goals



Analysing location and temporal patterns



SQL Build SQL queries and

examine distribution

patterns.



Model temporal data to analyze and visualize change over time.

South Africa

Who should attend?

Refreshing ArcGIS Skills

GIS Professionals

| Suggestion | Software |
|---|--|
| Completion of ArcGIS II: Essential Workflows or ArcGIS Standard or equivalent knowledge. | Esri will provide the following software to use during class: ArcGIS Desktop 10.5 (Basic, Standard or Advanced) ArcGIS Spatial Analyst SQL server |