

ArcGIS Pro Professional

2201

Exam Details:

ArcGIS Pro Professional 2201

- Exam Questions: 65
- Exam Type: Core
- Exam Format: Multiple Choice
- Exam Language: English
- Exam Cost: \$250 USD

Exam Purpose:

The ArcGIS Pro Professional exam tests candidates' experience utilizing a broad range of tools and functionality across ArcGIS to apply advanced GIS concepts and knowledge to a project using best practices.

Target Candidate Audience:

The ArcGIS Pro Professional exam is intended for candidates that typically have four years of applied experience and should be proficient in best practices and uses of ArcGIS. Qualified candidates should demonstrate proficiency when applying advanced GIS concepts and knowledge to design and implement workflows, troubleshoot, and be skilled at defining and successfully completing or leading complex GIS projects.

Description of Qualified Candidate:

The ArcGIS Pro Professional exam measures a candidate's comprehension of complex ArcGIS concepts, including ArcGIS competency at an advanced level. It is recommended the candidate have extensive applied experience using ArcGIS. Candidates should be able to implement principles of data management, perform analysis, develop maps and visualizations, and share content across ArcGIS technologies at an advanced level. Passing the exam provides an opportunity for candidates to validate their professional expertise in implementing ArcGIS best practices.



CANDIDATE QUALIFICATIONS

A qualified candidate should be able to perform the following tasks:

- Apply and interpret fundamental spatial statistics (spatial distribution of the data)
- Configure/Author advanced visualization techniques for maps and scenes
- Describe how a geolocator works
- Use network dataset to determine cost
- Implement Python scripting
- Author Arcade Expressions
- Perform advanced vector and raster analysis
- Perform fundamentals of geodatabase design and operate within a multi-user geodatabase
- Perform surface modeling and analysis
- Create and edit ModelBuilder models to automate complex workflows
- Troubleshoot common workflows
- Author and troubleshoot a mosaic dataset
- Demonstrate proficiency in desktop user interface and environment configuration
- Determine and define an appropriate spatial reference system (coordinate reference systems, datums, and projections)
- Author, share to, and retrieve items from a portal
- Use web content or services to perform analyses
- Author ArcGIS Pro Tasks
- Configure charts and infographics
- Configure map layouts and map series
- Configure data schema and attributes

A qualified candidate should NOT be familiar with the following:

- Deliver production quality cartographic output with specific industry Solutions (e.g., Defense Mapping)
- Administer a multi-user geodatabase
- Develop or administer Web sites
- Develop tools or apps using any SDKs or APIs
- Network or systems administration
- Administer an ArcGIS Online organization

A qualified candidate should be familiar with the following:

- ArcGIS Pro
- ArcGIS Online
- ArcGIS Enterprise
- ArcGIS Network Analyst
- ArcGIS Spatial Analyst
- ArcGIS 3D Analyst
- ArcGIS Image Analyst
- Python
- Arcade

SKILLS MEASURED

Candidates should fully prepare for testing using the exam content sections below as a checklist to identify possible gaps between their knowledge and the skills measured by the exam. The relative weight illustrates the approximate size of each section. It is recommended that focused preparation should be in areas where any knowledge gaps are found.

Data Management 32%

- Given requirements for a specific project, determine how to design a geodatabase.
- Given a scenario, convert and aggregate data.
- Implement data integrity best practices.
- Determine the configuration of specialized data sets.
- Determine how to manage coordinate systems and projections.

Mapping and Visualization 20%

- Use advanced cartographic techniques across ArcGIS.
- Select the appropriate data visualization technique.
- Determine how to configure, author, and optimize visualization products.
- Configure ArcGIS Pro for visualization efficiency.

Sharing and Collaboration 18%

- Given a scenario, determine the most effective process for sharing content.
- Given a scenario, identify procedures to create and share items.
- Describe the fundamentals of enabling multiuser workflows.

Analytics 29%

- Determine the use case for Python in ArcGIS.
- Determine how to create and edit ModelBuilder models to automate complex workflows.
- Given a scenario, determine the workflow, data, tools, settings, and parameters to perform analysis.
- Identify procedures to conduct raster data analysis.
- Identify the procedures to conduct vector data analysis.

RESOURCES

These training resources along with the list of exam objectives may be used to identify appropriate training options for any possible knowledge gaps but are not required.

The Esri curated exam Learning Plan is updated continually based on Esri Academy courses and the content retirement schedule.

Please note that completing the recommended training courses does not guarantee a passing score on a specific certification exam.

ESRI ACADEMY

- [Exam Description Page](#)
- [Exam Preparation Video](#)
- [ArcGIS Pro Professional 2201 Certification Learning Plan](#)

ESRI COMMUNITY

- [Esri Technical Certification](#)
- [Welcome to our Esri Community place](#)
- [Esri Exam Preparation Resources](#)
- [Primary Exam Article](#)
- [Exam Version Article](#)

LINK TO ARCGIS DOCUMENTATION

- [ArcGIS Documentation](#)