

ArcGIS Pro Map Design: Symbology, Labels, and Layouts

Course Length: 2 days

ArcGIS Version: Pro 3.x

App: ArcGIS Pro

Overview

Making a map is not the same as making an effective map. Effective maps tell a focused story: the right information, presented clearly, with nothing competing for attention. In this course, you'll learn practical strategies for deciding what belongs on the page and design techniques for building visual hierarchy — emphasizing what matters and letting the rest recede. You'll work directly in ArcGIS Pro with symbology, color and style files, advanced labeling, annotation, and layouts, and you'll leave with repeatable methods for producing polished, professional maps that communicate exactly what you intend.

Audience

This course is for those who are already comfortable with the basics of ArcGIS and want to learn more about efficiently and effectively creating hard copy maps in ArcGIS Pro.

Topics Covered

- Map Basics – Change your thinking from, “I have the data; therefore, I should put it on the map,” to “What really needs to be on this page?” (Art of Map Making; Design Considerations)
- Best Practices – Tips and tricks for the Contents pane. (Layer Management; Taking Control of Your Map)
- Colors and Symbols – What difference do colors make on the map? A big difference! Learn the tricks and save/share the symbols as style files. (Symbol Variables; Choosing Colors; Styles)
- Working with Symbols – How to choose symbology types and set some options to customize your symbols (Primary Symbology; Arcade; Modifying Symbols; More Symbol Options; Sharing Symbology)
- Advanced Labeling – How important is the text on the map? What should be emphasized and what should fade to the background? (Map Text Standards; Text Symbols and Label Placement; Label Expressions; Label Classes; Label Placement Techniques)
- Annotation and Graphic Text – Learn about other types of text, beyond labels, that can be placed on a map for more placement control (What is Annotation?; Converting Labels to Annotation; Editing Annotation; Drawing and Modifying Graphic Text)
- Elements of a Layout – Learn Layout tricks for quickly and efficiently making high-quality maps. (Focus the Map; Where, When, and Why; Layout Files)
- Charts and Reports – Generate charts and reports for your data inside of ArcGIS Pro. (Charts; Reports)

Format

In-person or virtual instruction with hands-on practice and course materials you can keep.

Prerequisites and Recommendations

Students should have knowledge of Microsoft Windows® and Microsoft Office®, and be familiar with the basic use of ArcGIS Pro, including the topics covered in **Introduction to ArcGIS Pro**.