

# ArcGIS Desktop 10.4 Training

## GIS FOUNDATIONS I

**MAY 16, TUESDAY**

### Goals

- \* Understand the basics of GIS applications and operations.
- \* Recognize various GIS data types and formats.
- \* Find and organize geographic data and other GIS resources for mapping projects.
- \* Learn to use the ArcMap user interface.
- \* Use different coordinate systems and how they are used in ArcGIS.

## GIS FOUNDATIONS II

**MAY 17, WEDNESDAY**

### Goals

- \* Use attributes and tables to describe and enhance your geographic data.
- \* Use the attribute table.
- \* Explore geographic data in ArcMap using Queries and the Select tool.
- \* Extract selected data to create subsets.
- \* Use the clip and buffer geoprocessing tools.
- \* Query and analyze GIS data to support decision making.

## GIS FOUNDATIONS III

**MAY 18, THURSDAY**

### Goals

- \* Data models, data design and use.
- \* Create a geodatabase and distinguish between geodatabase types.
- \* Create and use geodatabase Domains and Subtypes
- \* Add data sources to a geodatabase using different methods.
- \* Create a geodatabase topology
- \* Solve common spatial data alignment problems.
- \* Use a variety of geoprocessing tools to perform an analysis that supports decision making.

Course Location: Morgantown, WV  
WVU Downtown Campus - Brooks Hall

STUDENTS WILL REGISTER FOR EACH DAY OF TRAINING.  
FOR MORE INFORMATION OR TO ENROLL, VISIT OUR WEBSITE  
[HTTP://WWW.WVAGP.ORG/](http://www.wvagp.org/)  
OR  
EMAIL THE INSTRUCTOR [KEVIN.KUHN@MAIL.WVU.EDU](mailto:KEVIN.KUHN@MAIL.WVU.EDU)

**Registration Deadline: Friday, April 28**

Target Audience: professionals or students who require introductory GIS concepts.  
No Pre-requisites are required, however basic computer operating skills are highly recommended.



1-day Course Fees:  
WVAGP Member: \$75  
non-member: \$150

3-day Course Fees:  
WVAGP Member: \$225  
non-member: \$450