

GISTUTORIAL 3

Advanced Workbook

GIS Tutorial 3: Advanced Workbook explores the full breadth of ArcGIS® software by demonstrating the complex capabilities of the tools available with the ArcEditor™ and ArcInfo® licenses of ArcGIS Desktop. Intended for the intermediate to advanced user, this workbook introduces methods that demonstrate the advanced functionality of the higher license levels.

Whether used for self-study or in a college course, *GIS Tutorial 3* will help you develop advanced GIS skills that will make you a more efficient and productive GIS user. The workbook explores the following topics:

- Editing and topology tools that will improve your use of GIS
- Customization techniques that will make your maps more accurate and engaging
- New feature creation using the ArcMap™ application
- Workflow automation using Python™ scripts and the ArcGIS ModelBuilder™ extension
- Custom tool and application development

GIS Tutorial 3 is divided into four sections: geodatabase framework design, data creation and management, workflow optimization, and labeling and symbolizing. Each section contains tutorials composed of step-by-step instructions on how to perform pertinent tasks, exercises to reinforce the concepts taught, reviews, study questions, and real-world applications. References for further study are given at the end of each chapter. A DVD containing a fully functioning 180-day trial version of ArcGIS 10 software (ArcEditor license level) and a DVD containing the data used in the tutorial exercises are also included. The Instructor DVD, which contains a sample syllabus, course guides for each chapter, and answer keys, is available to instructors upon request at www.esri.com/esripress.

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The ArcGIS Demo Edition software provided with this edition requires the Microsoft® Windows® 7, Windows Vista, Windows XP, Microsoft Windows 2003 Server, or the Microsoft Windows 2008 Server operating system. Hardware requirements: 2.0 GHz processing speed; 2 GB RAM; 2.4 GB free hard-disk space, including 50 MB on the operating system drive; an additional 354 MB hard-disk space is required for the exercise data. Once installed and registered, the single-use software cannot be reinstalled, and the time limit cannot be extended. .NET Framework 3.5 SP1 must be installed on your computer before you install ArcGIS Desktop. Some features of ArcGIS Desktop require Microsoft Internet Explorer® version 8.0.

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