

# Digging Into Autodesk Land Desktop 2006 Level 1 Training

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## Digging Into Autodesk Land Desktop 2006

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Publisher: Cadapult Software Solutions, Inc.

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ISBN 0-9740814-4-2

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Rick Ellis is the founder and CEO of Cadapult Software Solutions, Inc. At Cadapult Software Solutions, Rick provides training and consulting services to clients around the country helping them to get the most out of their design software investment. He is also an independent consultant and instructor specializing in Autodesk Civil 3D, Autodesk Land Desktop, Autodesk Civil Design, Autodesk Survey, Autodesk Map 3D, Autodesk Raster Design, and AutoCAD. Mr. Ellis is a member of the Autodesk Developer Network, author of "Digging Into Autodesk Land Desktop 2004" and "Digging Into Autodesk Civil 3D 2006", co-author of "Digging Into Autodesk Map 3D 2005" and "Introducing Autodesk Civil 3D", a K-TEK Certified Professional (KCP), a select author for CAD Digest, and an instructor for the AUGI training program.

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### About Cadapult Software Solutions, Inc.

[www.cadapult-software.com](http://www.cadapult-software.com)

Founded in 2002, Cadapult Software Solutions, Inc. is an independently owned small business located near Portland, Oregon specializing in training, consulting services, and technical support for CAD systems with a focus on the Civil/Survey/GIS industry. Cadapult Software Solutions helps clients maximize the return on their software investment through training classes, consulting services, and support. We offer a wide range of Training options, from standard open enrollment classes to customized on-site training. Our mobile training lab gives us the flexibility to bring classes to our clients regardless of the location. Support options ranging from telephone support to on-site visits help to ensure the continued success of your CAD solution. Although we hold several certifications with Autodesk, Cadapult Software Solutions is an independent company and therefore can provide recommendations and solutions that best fit a clients needs rather than being limited to a specific company's product line. Further affiliations with other consultants and software companies give Cadapult Software Solutions a broad range of experience and industry knowledge to draw from that is not common for a company of its size.

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## Acknowledgements

I would like to thank all the people who made this book possible. There is no way that I can adequately explain the importance of their involvement. But I can simply state that this project could not have been completed without any of them.

Many thanks to Russell Martin for his countless hours of help during the technical editing process. His input and comments were invaluable in filling in the gaps and turning this book into a complete finished product.

Thank you to Brandt Melick and the City of Springfield, Oregon for providing the project data and their input into the process and topics covered.

Thank you to Ken Baker and B&B Print Source for their help and patience printing the book.

And most of all thank you to my wife Katie and our children Courteney, Lucas, and Thomas. Without their love, support, and understanding this book would never have been possible.

### Introduction

Welcome to **Digging Into Land Desktop 2006**. This book of tutorials is designed to introduce you to the fundamental concepts and procedures commonly used in Autodesk Land Desktop. It is meant to be a resource and a supplement to instructor led training.

It is not meant to, nor is any book able to, replace instructor led training. It is also not a book that will teach you civil engineering, although you may pick up some concepts along the way. This book is the material that I use for Level 1 Land Desktop classes that I teach. It works through a basic Land Desktop project from beginning to end. Showing you many different methods of using Land Desktop to accomplish certain tasks and solve problems along the way. Keep in mind that all projects are different so this is not the exact process that you will use to go through every project. It is more important that you understand the individual tools that we are using than focusing on the overall process. This way when you encounter examples that we do not cover in this book you can identify and use the proper tool to accomplish your task.

### Included Data

The data supplied on the CD with this book as well as the exercises are designed to work with a standard "out of the box" installation of Land Desktop 2006.

The dataset for chapter one, which when extracted to your C drive will create a folder called "Cadapult Training Data/LDT 2006/Level 1", contains all of the data needed to complete all of the exercises in the book. The drawing files contained in this first dataset are an AutoCAD 2000 format so that you could complete the exercises with any version of Land Desktop that is at least version 2 or higher. The remaining datasets are all in the Land Desktop 2006 format and are snapshots of where your project should be at the beginning of each chapter. This will allow you to jump in at the beginning of any chapter of the book and do just the specific exercises that you want to do if you do not have time to work through the book from cover to cover.

### Style Conventions

Pull-down menus: **Map ⇒ Utilities ⇒ Task Pane**

Command line entries: **Command: Zoom**

Buttons: <<New>>

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