

Essentials

Autodesk Official Training Courseware (AOTC)



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Introduction

Welcome to the *AutoCAD Map 3D 2009: Essentials* Autodesk Official Training Courseware (AOTC), courseware for use in Authorized Training Center (ATC®) locations, corporate training settings, and other classroom settings.

This courseware primarily focuses on the drawing-based features within AutoCAD® Map 3D. Geospatial features and functionality are covered in complementary courseware, *AutoCAD Map 3D 2009: Essentials for Geospatial* AOTC, that is recommended once you have completed this one.

Although this courseware is designed for instructor-led courses, you can also use it for self-paced learning. The courseware encourages self-learning through the use of the AutoCAD Map 3D Help system.

This introduction covers the following topics:

- Course objectives
- Prerequisites
- Using this courseware
- CD contents
- Installing the exercise data files from the CD
- Notes, tips, and warnings
- Feedback

This courseware is complementary to the software documentation. For detailed explanations of features and functionality, refer to the Help in the software.

Course Objectives

After completing this course, you will be able to:

- Describe the AutoCAD Map 3D user interface.
- Create and edit geometry.
- Link and manage drawing-based attribute data.
- Use object classification.
- Import and export drawing-based data.
- Work with raster images.
- Work with source drawings.
- Use source drawing queries.
- Stylize drawings.
- Use topology and spatial analysis.
- Plot maps.
- Perform typical workflows with drawings and associated object data and link templates.

Prerequisites

This course is designed for the student who is new to AutoCAD Map 3D.

It is recommended that you have a working knowledge of:

- Creating, opening, and saving drawing files, changing the display of a drawing by zooming and panning, displaying and docking toolbars, saving and restoring named views, using object snaps, and managing layers and controlling layer visibility.
- Microsoft® Windows® 2000 or Microsoft® Windows® XP.

Using This Courseware

These lessons are independent of each other. However, it is recommended that you complete them in the order that they are presented unless you are familiar with the concepts and functionality described in each lesson.

Each chapter contains:

- **Lessons**
Usually two or more lessons.
- **Exercises**
Practical, real-world examples that allow you to use the functionality you have just learned. Each exercise contains step-by-step procedures and graphics to help you complete it successfully.

CD Contents

The CD attached to the back cover of this book contains all the data and drawings you need to complete the exercises in this course.

Installing the Exercise Data Files from the CD

To install the data files for the exercises:

1. Insert the courseware CD.
2. When the setup wizard begins, follow the instructions on screen to install the data.
3. If the wizard does not start automatically, browse to the root directory of the CD and double-click *Setup.exe*.

Unless you specify a different folder, the exercise files are installed in the following folder:

C:\Documents and Settings\All Users\Autodesk Learning\Map 3D 2009\Essentials

After you install the data from the CD, this folder contains all the files necessary to complete each exercise in this course.

Notes, Tips, and Warnings

Throughout this courseware, notes, tips, and warnings are called out for special attention.



Notes contain guidelines, constraints, and other explanatory information.



Tips provide information to enhance your productivity.



Warnings provide information about actions that might result in the loss of data, system failures, or other serious consequences.

Feedback

We always welcome feedback on Autodesk Official Training Courseware. After completing this course, if you have suggestions for improvements or if you want to report an error in the book or on the CD, please send your comments to AOTC.feedback@autodesk.com.

