

Essentials

Autodesk Official Training Courseware (AOTC)

AutoCAD[®]

Architecture 2009

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Introduction

Welcome to the *AutoCAD Architecture Essentials 2009* Autodesk Official Training Courseware (AOTC), a training course for use in Authorized Training Center (ATC®) locations, corporate training settings, and other classroom settings.

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® Architecture 2009 Help system.

This introduction covers the following topics:

- Course objectives
- Prerequisites
- Using this courseware
- CD contents
- Installing the exercise data files from the CD
- Imperial and metric datasets
- Notes, tips, and warnings
- Using this courseware to prepare for Autodesk Certification Exams
- 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:

- Create and modify basic architectural drawings for your projects using tools in AutoCAD Architecture.
- Identify tools and utilities used to group information, change the graphical appearance of objects and to modify a design.
- Use the comprehensive set of architectural design tools in AutoCAD Architecture to create and modify an architectural drawing.
- Use AutoCAD Architecture to create construction documents to communicate architectural design.
- Organize your designs in the AutoCAD Architecture Project Navigator.

Prerequisites

This course is designed for architects, architectural technicians, interior designers, design professionals, building professionals, and AutoCAD® users who have been using AutoCAD.

It is recommended that you have a working knowledge of:

- AutoCAD
- Architectural design and construction documentation

Using This Courseware

Each chapter contains a number of lessons which are independent of each other. However, it is recommended that you complete these lessons in the order that they are presented unless you are familiar with the concepts and functionality described in those lessons.

Each chapter contains:

- **Lessons**
Usually two or more lessons in each chapter.
- **Exercises**
Practical, real-world examples for you to practice using the functionality you have just learned. Each exercise contains step-by-step procedures and graphics to help you complete the exercise 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\AutoCAD Architecture 2009\Essentials

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

Imperial and Metric Datasets

In exercises that specify units of measurement, alternative files are provided as shown in the following example:

- Open *i_stair_settings.dwg* (imperial) or *m_stair_settings.dwg* (metric).

In the exercise steps, the imperial value is followed by the metric value in parentheses as shown in the following example:

- For Length, enter **13'2" (4038 mm)**.

For exercises with no specific units of measurement, files are provided as shown in the following example:

- Open *c_stair_settings.dwg* (common).

In the exercise steps, the unitless value is specified as shown in the following example:

- For Length, enter **400**.

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.

Using this Courseware to Prepare for Autodesk Certification Exams

This book supports preparation for Autodesk Certification Exams. If you are planning to become Autodesk Certified on AutoCAD Architecture 2009 this book can help you prepare. The learning objectives of the lessons and exercises in this book map directly to the objectives and questions on the Autodesk Certification Exams. For more guidance on how to use this book to prepare for the exams, visit www.autodesk.com/certification.

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.

