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Introduction

Welcome to the Autodesk Inventor 11 Creating Production-Ready Drawings 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 Autodesk Inventor® Help system.

This introduction covers the following topics:
- Course objectives
- Prerequisites
- Using this courseware
- CD contents
- Completing the exercises
- Installing the exercise data files from the CD
- Projects
- 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:
- Use the main interface components in the drawing environment related to creating production-ready drawings, and create and edit the views required for effective and complete design drawings.
- Dimension and annotate your drawings, add hole and thread notes, and tables to your drawings, and create centerlines, symbols and leaders.
- Describe the drawing resources that are available and set drawing standards within the drawing environment.
Prerequisites

This course is designed for new Autodesk Inventor users. It is recommended that you have:

- Completed the Autodesk Inventor 11 Introduction to 3D Design course, or an equivalent understanding of the Autodesk Inventor 11 user interface.
- A basic understanding of mechanical drafting or design.
- A working knowledge of Microsoft® Windows® 2000 or Microsoft® Windows® XP.

Using This Courseware

The lessons 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.

Completing the Exercises

You can complete the exercise in two ways: using the book or online.

- **Using the book**

- **Online**
  Click the Autodesk Inventor 11 Creating Production-Ready Drawings AOTC icon on your desktop, installed from the CD, and follow the step-by-step exercises online. The online exercises are the same as those in the book. The online version has the advantage that you can concentrate on the screen without having to glance down at your book.
After launching the online exercises, you might need to alter the size of your application to align both windows.

**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\Inventor 11\Creating Production-Ready Drawings
```

After you install the data from the CD, this folder contains all the files necessary to complete each exercise in this course. You can also use the Autodesk Learning shortcut on your desktop to quickly access the datasets for each AOTC course on your system.
Projects

Most engineers work on several projects at a time, and each project might consist of a number of files. You can use Autodesk Inventor projects to organize related files and maintain links between files. This courseware has a project file that stores the paths to all the files related to the exercises. When you open a file, Autodesk Inventor uses the paths in the current project file to locate other required files. To work on a different project, you make a new project active in the Project Editor. Follow the instructions in the courseware to locate the project file for the course and make it active.

Use the following the instructions to locate the Creating Production-Ready Drawings project file for this courseware and make it active.

1. Start Autodesk Inventor.

2. If the Autodesk Inventor Launchpad does not appear, click File menu > Getting Started.

3. In the Launchpad, under What To Do, click Projects.

   A project helps you manage files for this courseware.

4. At the bottom of the Open dialog box, click Browse.
   - Browse to C:\Documents and Settings\All Users\Autodesk Learning\Inventor 11\Creating Production-Ready Drawings.
   - Click Creating Production-Ready Drawings.ipj.
   - Click Open.
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.