

## Learning Autodesk® Inventor® 2010

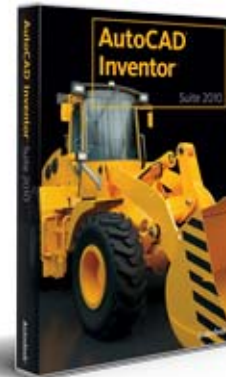
**Course Length: 4 Days**

**Class Hours: 8:00AM to 5:00PM**

**Cost: \$920, plus \$60 Training Manual Fee**

### Courseware Description

Learn the fundamental principles of 3D parametric part design, assembly design, and creating production-ready part and assembly drawings using Autodesk® Inventor®. Hands-on exercises representing real-world, industry-specific design scenarios are included.



### Objectives

The primary objective of this courseware is to provide students with a thorough understanding of the principal 3D design, validation, and documentation processes necessary for developing products using Autodesk® Inventor®.

After completing this course, students will be able to:

- Capture design intent by using the proper techniques and recommended workflows for creating intelligent 3D parametric parts.
- Create, place, and constrain custom and standard components in an assembly.
- Simulate mechanisms, animate assembly designs, and check for interferences.
- Document designs using base, projected, section, detail, and isometric drawing views.
- Document assemblies using standard and exploded drawing views.
- Follow drafting standards while dimensioning and annotating drawing views with automated balloons and parts lists.

### Who Should Attend

This courseware is designed for new Autodesk® Inventor® users.

### Prerequisites

No previous CAD experience is necessary. However, before using this courseware, the student should have a working knowledge of the following:

- Drafting, design, or mechanical engineering principles.
- Microsoft® Windows® Vista, Microsoft® Windows® XP, or Microsoft® Windows® 2000.