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# AutoCAD 2012 Tutorial - First Level: 2D Fundamentals

*Randy Shih*

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*Randy Shih*

**AutoCAD 2012 Tutorial - First Level: 2D Fundamentals** Randy Shih
The primary goal of AutoCAD 2012 Tutorial - First Level: 2D Fundamentals is to introduce the aspects of Computer Aided Design and Drafting (CADD). This text is intended to be used as a training guide for students and professionals. This text covers AutoCAD 2012 and the lessons proceed in a pedagogical fashion to guide you from constructing basic shapes to making multiview drawings. The lessons are further reinforced by the video presentations found on the enclosed multimedia DVD.

This textbook contains a series of eleven tutorial style lessons designed to introduce beginning CAD users to AutoCAD 2012. It takes a hands-on, exercise-intensive approach to all the important 2D CAD techniques and concepts. This text is also helpful to AutoCAD users upgrading from a previous release of the software. The new improvements and key enhancements of the software are incorporated into the lessons. The 2D-CAD techniques and concepts discussed in this text are also designed to serve as the foundation to the more advanced parametric feature-based CAD packages such as Autodesk Inventor.

The basic premise of this book is that the more designs you create using AutoCAD 2012, the better you learn the software. With this in mind, each lesson introduces a new set of commands and concepts, building on previous lessons. This book is intended to help readers establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering.

**AutoCAD 2012 Certified Associate Examination**
The content of AutoCAD 2012 Tutorial - First Level: 2D Fundamentals covers the performance tasks that have been identified by Autodesk as being included on the AutoCAD 2012 Certified Associate Examination. Special reference guides show students where the performance tasks are covered in the book.

If you are teaching an introductory level AutoCAD course and you want to prepare your students for the AutoCAD 2012 Certified Associate Examination this is the only book that you need. If your students are not interested in the AutoCAD 2012 Certified Associate Examination they will still be studying the most important tools and techniques of AutoCAD as identified by Autodesk.

For detailed information on the AutoCAD Certified Associate examination visit autodesk.com/certification.

**Multimedia DVD**
Each book comes bundled with a DVD containing video presentations. These videos cover the first three chapters and selected end-of-chapter exercises from throughout the book. Students see the AutoCAD 2012 interface, menu picks, and models that are created while a voice overlay explains the design activities.

AutoCAD 2012 is not required to run the DVD. Students, while at home, will become acquainted with the AutoCAD interface and design process.

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