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Autodesk Inventor 2015 and Engineering Graphics: An Integrated Approach

Randy Shih

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Autodesk Inventor 2015 and Engineering Graphics: An Integrated Approach will teach you the principles of engineering graphics while instructing you on how to use the powerful 3D modeling capabilities of Autodesk Inventor 2015. Using step by step tutorials, this text will teach you how to create and read engineering drawings while becoming proficient at using the most common features of Autodesk Inventor. By the end you will be fully prepared to take and pass the Autodesk Inventor Certified User Exam.

This text is intended to be used as a training guide for students and professionals. The chapters in this text proceed in a pedagogical fashion to guide you from constructing basic shapes to making complete sets of engineering drawings. This text takes a hands-on, exercise-intensive approach to all the important concepts of Engineering Graphics, as well as in-depth discussions of parametric feature-based CAD techniques.

This textbook contains a series of fifteen chapters, with detailed step-by-step tutorial style lessons, designed to introduce beginning CAD users to the graphic language used in all branches of technical industry. This book does not attempt to cover all of Autodesk Inventor 2015 s features, only to provide an introduction to the software. It is intended to help you establish a good basis for exploring and growing in the exciting field of Computer Aided Engineering.

Autodesk Inventor 2015 Certified User Examination

The content of this book covers the performance tasks that have been identified by Autodesk as being included on the Autodesk Inventor 2015 Certified User examination. Special reference guides show students where the performance tasks are covered in the book.

If you are teaching an introductory level Autodesk Inventor course and you want to prepare your students for the Autodesk Inventor 2015 Certified User Examination this is the only book that you need. If your students are not interested in the Autodesk Inventor 2015 Certified User Exam they will still be studying the most important tools and techniques of Autodesk Inventor as identified by Autodesk.

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