Parametric Modeling with Autodesk® Inventor® 2015

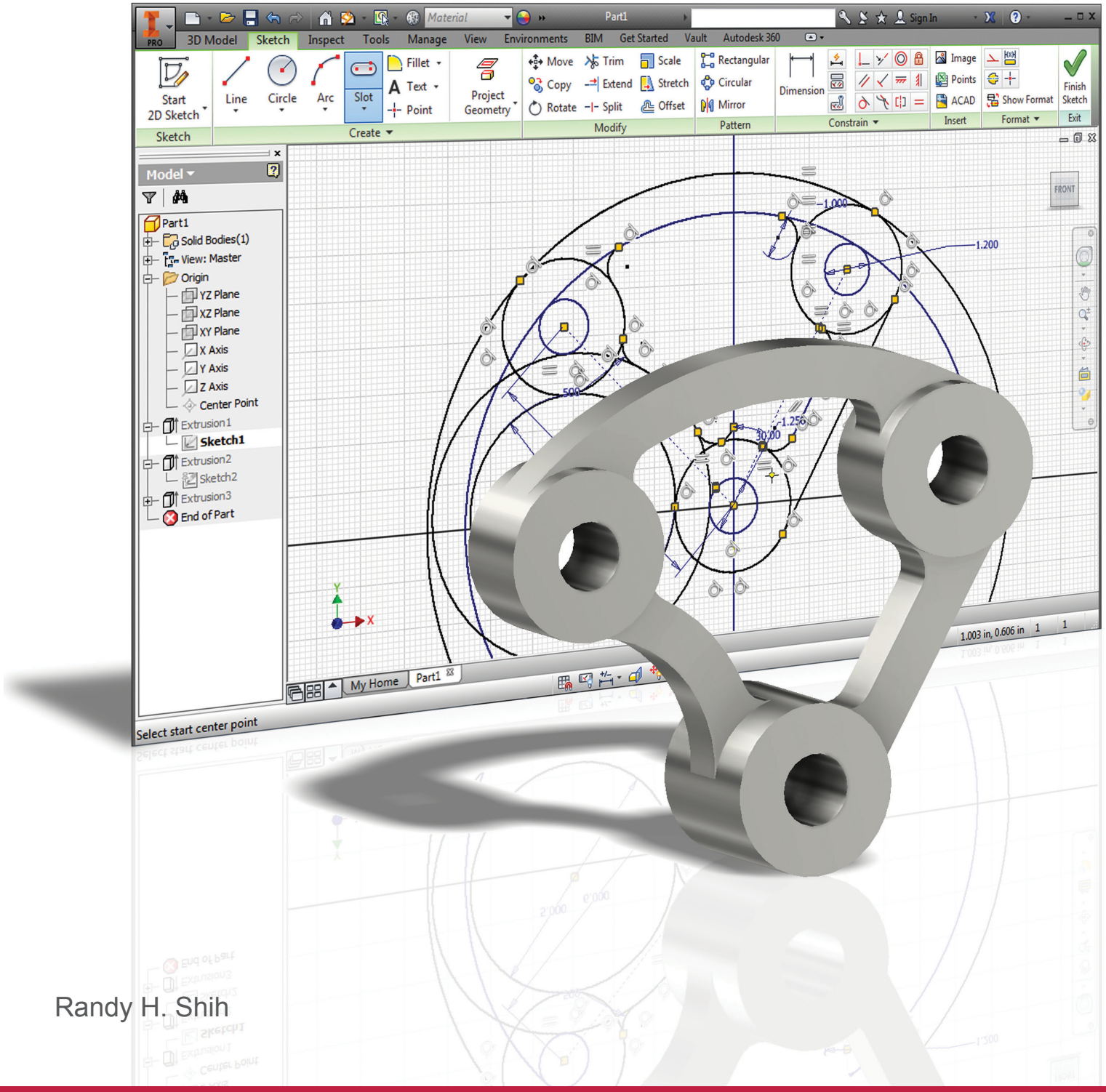

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Table of Contents

Chapter 7
Parent/Child Relationships and the BORN Technique

Chapter 8
Part Drawings and Associative Functionality

Chapter 13
Assembly Modeling - Putting It All Together

Chapter 14
Content Center and Basic Motion Analysis

Chapter 15
2D Design Reuse, Collision and Contact

Notes:

Autodesk Inventor Certified User Examination Overview

The Autodesk Inventor Certified User examination is a performance-based exam. The examination is comprised of approximately 30 questions to be completed in two hours. The test items will require you to use the Autodesk Inventor software to perform specific tasks and then answer questions about the tasks.

Performance-based testing is defined as ***Testing by Doing***. This means you actually perform the given task then answer the questions regarding the task. Performance-based testing is widely accepted as a better way of insuring the users have the skills needed, rather than just recalling information.

The Autodesk Inventor Certified User examination is designed to test specific performance tasks in the following 9 sections:

Section 1: User Interface

Objectives: Primary Environments, UI Navigation/Interaction, Graphics Window Display, Navigation Control.

Section 2: File Management

Objectives: Project Files.

Section 3: Sketches

Objectives: Creating 2D Sketches, Draw Tools, Sketch Constraints, Pattern Sketches, Modify Sketches, Format Sketches, Sketch Doctor, Shared Sketches, Sketch Parameters.

Certification Examination Performance Task	Covered in this book on Chapter – Page

Section 4: Parts

Objectives: Creating parts, Work Features, Pattern Features, Part Properties.

Certification Examination Performance Task	Covered in this book on Chapter – Page

Section 5: Assemblies

Objectives: Creating Assemblies, Viewing Assemblies, Animation Assemblies, Adaptive Features, Parts, and Subassemblies.

Certification Examination Performance Task	Covered in this book on Chapter – Page

Section 6: Presentations

Objectives: Creating Presentations.

- Refer to the Autodesk Inventor Help system on this topic.

Section 7: Drawings

Objectives: Crete drawings.

Certification Examination Performance Task	Covered in this book on Chapter – Page

Section 8: Sheet Metal

Objectives: Creating Sheet Metal Parts, Modify Sheet Metal Parts, Flat Pattern.

Certification Examination Performance Task	Covered in this book on Chapter – Page
Sheet Metal template file	12-8
Sheet Metal Defaults	12-9
Edit Sheet Metal Rule	12-9
Edit Unfolding Rule	12-10
Face command	12-13
Unfold Options	12-13
Bend Option	12-13
Flange command	12-15
Fold Feature command	12-23
Flat Pattern command	12-25

Section 9: Visualization

Objectives: Create Rendered Images, Animate an Assembly.

Certification Examination Performance Task	Covered in this book on Chapter – Page
Drive Constraint	14-24
Minimum Button	14-24
Forward Button	14-24
Reverse Button	14-25
Record	14-25
Increment Option	14-26
Repetitions Option	14-26
Collision Detection	14-27
Joint Command	15-24
Rotational	15-25
Rigid	15-28
Flip Component	15-29
Drive Tool	15-31
Contact Solver	15-33
Contact Set	15-33

- Every effort has been made to cover the exam objectives included in the Autodesk Inventor Certified User Examination. However, the format and topics covered by the examination are constantly changing. Students planning to take the Certified User Examination are advised to visit the Autodesk website and obtain information regarding the format and details about the Autodesk Inventor Certified User Examination.