

Autodesk Certified User AutoCAD Exam

Best Practices

Overview:

The Autodesk Certified User AutoCAD exam has been completely reworked to provide you and your students a good experience taking the exam. Some key points:

- Exam no longer limits students to 3 clicks to answer the question. The interface provides an environment similar to what the person taking the exam would encounter in their CAD lab.
- The AutoCAD interface for the exam is delivered over the internet. This has been greatly improved.
 - Some of the questions allow the student to enter commands from the Command Line.
- The exam is 40 minutes and is timed.
 - You can mark questions for review.
 - Timer is displayed
 - Question Tracker appears on screen.
- 25 questions
 - 8 Questions are multiple choice
 - These are fair and reasonable questions
 - 17 questions test the ability of the person taking the exam to use the software
- Exam is applicable to schools using AutoCAD 2010, 2011, or 2012, and is not version specific
 - Person taking the exam will be provided with a score and an analysis of how they scored on the sectors tested. See-**Exhibit B Using AutoCAD Examination Score Report**
 - Students will receive a certificate if they pass the exam.

Preparation for Taking Exam

- The test taker must be proficient in the use of the software and have a minimum 120 hours of instruction in AutoCAD before taking the exam.
 - Tools for assessing AutoCAD knowledge.
 - CADLearning AutoCAD Knowledge Assessment
 - **Exhibit A- AutoCAD Certified User Exam Objectives**
 - This provides a list of specific topics the test taker must master to be successful.
 - Deficiencies in AutoCAD knowledge need to be filled using CADLearning tutorials or other resources.
- Review the AutoCAD Certification power point file. These topics will be covered on the exam. This can be found at:
 - <http://www.rawledu.com/draft/resource.asp>
 - Under Autodesk Certification, click 'AutoCAD Certified User Exam Preparation'
- Review the digital Study Packets that are provided on the Autodesk Digital STEAM Curriculum website.
 - <http://curriculum.autodesk.com/student/public/level1/digital> . Choose the AutoCAD Digital Study packets.

- These are short presentations that review information that helps in answering the exam questions. These are excellent tools for reviewing one or two days prior to taking the exam.

Exhibit A- AutoCAD Certified User Exam Objectives

AutoCAD Certification Exam Topic Areas

- 1) User Interface
 - a. User Interface
 - i. Application Menu
 - ii. Ribbon > Panels > Tabs
 - iii. Quick Access toolbar
 - iv. Open a drawing
 - v. Layouts
- 2) Creating Drawings
 - a. Coordinate Entry
 - i. Coordinate Entry
 - b. Draw Tools and Settings
 - i. Draw Tools : Line
 - ii. Draw Tools: Circle
 - iii. Draw Tools: Arc
 - iv. Draw Tools: Erase
 - v. Draw Tools: Rectangle
 - vi. Draw Tools: Polygon
 - vii. Object Snaps
 - viii. Polar Tracking and Polar Snap
 - ix. Drafting Settings
- 3) Manipulating Objects
 - a. Grips
 - i. Grip Editing
 - b. Object Selection
 - i. Window selection
- 4) Drawing Organization and Inquiry Commands
 - a. Layers
 - i. Layers Property Manager
 - b. Object Properties
 - i. Properties Palette
 - c. Linetypes

- i. Linetype
- 5) Altering Objects
 - a. Modify Tools
 - i. Trim and Extend
 - ii. Fillet
 - iii. Stretch
- 6) Working With Layouts
 - a. Layouts and Viewports
 - i. Plotting Environment
- 7) Annotating the Drawing
 - a. Adding Text to a Drawing
 - i. Multiline Text
 - ii. Single Line Text
 - iii. Edit Text
 - iv. Text Styles
- 8) Dimensioning
 - a. Adding Dimensions to a drawing
 - i. Dimensions: Liner, Angular, Aligned, Radius, Diameter, and Center Mark
 - ii. Dimension Style
 - iii. Edit Dimensions
- 9) Hatching Objects
 - a. Edit Hatch Patterns and Fills
 - i. Hatchedit
- 10) Working With Reusable Content
 - a. Blocks
 - i. Block
 - ii. Insert
- 11) Creating Additional Drawing Objects
 - a. Shapes
 - i. Polyline
- 12) Plotting your Drawing
 - a. Output
 - i. Plot

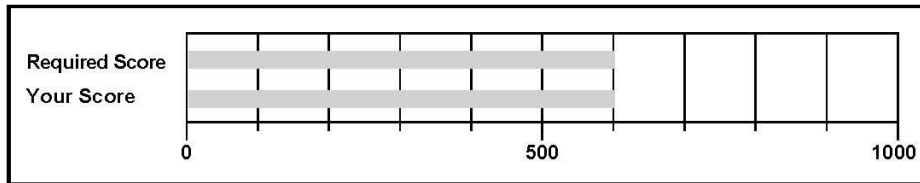
Exhibit B- AutoCAD Certified User Exam Score Report

Autodesk

Using AutoCAD Examination Score Report

CANDIDATE: John Doe
EXAM: Using AutoCAD

DATE: 2/7/2012



REQUIRED SCORE: 600 YOUR SCORE: 600 GRADE: Pass

Section Analysis

	Percent Correct
User Interface	100%
Creating Drawings	100%
Manipulating Objects	44%
Drawing Organization and Inquiry Commands	33%
Altering Objects	67%
Working With Layouts	100%
Annotating the Drawing	100%
Dimensioning	50%
Hatching Objects	100%
Working With Reusable Content	100%
Creating Additional Drawing Objects	0%

IMPORTANT! CHECK YOUR TRANSCRIPTS FOR ACCURACY.
Log in at www.certiport.com with your certification exam username and password.

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