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
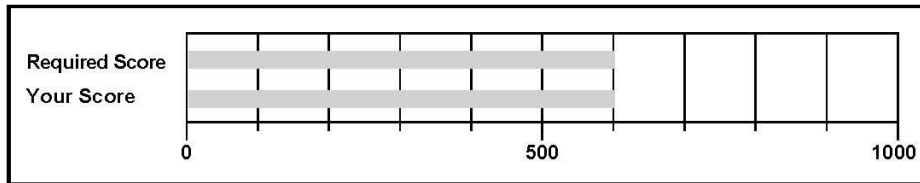
12) Plotting your Drawing
  a. Output
     i. Plot

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
Your Score

0   500   1000

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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