

AUTOCAD CERTIFICATION EXAM

By Elton K. Hammond P.Eng. of The EKHO Institute - February 4, 2005

The EKHO Institute has been the most active Autodesk Training Center in North America for about 17+ years now in [successfully promoting and using the formal AutoCAD exams](#) to certify EKHO's amazing training results for our Deluxe AutoCAD students. EKHO's beginner students have consistently **FAR** surpassed our training competition and even the results of the North American averages for very experienced users!! Our [web site graph](#) proves beyond a shadow of a doubt that it is **EKHO's quality** of training that counts **NOT** our **competitor's quantity** of training!! Autodesk have even "**protested**" in the past that The EKHO Institute [makes the experienced users look bad](#) and the exam too easy because of our beginner's consistent superior showings on what was originally created only for experienced users!! ☺

KEY BENEFITS OF WRITING THE AUTOCAD EXAM:

1. Provides a valuable addition to any **designer's resume**.
2. Provides a valuable **marketing tool** for selling your job skills.
3. Provides **closure** to the EKHO Deluxe AutoCAD training program.
4. Provides **self-confidence** to the successful student when job hunting.
5. Provides a sense of self-satisfaction and **accomplishment**.
6. Provides a **consistent, universal** test standard by Autodesk for AutoCAD skills.
7. Provides employers with a known, **refined** and proven benchmark.
8. **Verifies your learning curve** was in fact highly successful.
9. **Verifies job skills** independently for a job promotion or review with your current employer.

Some tips are offered below, based on our 17+ years of exam experience, when you write the formal 2 hour [AutoCAD Exam](#) at The EKHO Institute. You **MUST** purchase and study with the AutoCAD 2000 Assessment Exam Prep Manual 1st Edition Published by Delmar Publishers/ Autodesk Press (ISBN/ISSN: 0-7668-2086-6) \$150CDN or \$100 for EKHO students who book and pay with the course.

SPECIAL FOR EKHO STUDENTS		
AutoCAD Certification Exam	2 hours	\$400.00
AutoCAD Exam Study Book		\$150.00
Total for Exam and Book →		\$525.00
If booked and paid with course.	→	\$425.00
		+15% GST/PST

EXAM TIPS:

1. You will get 2 hours for 40 questions and can go back to review all questions any time until the exam has timed out.
2. There is **no penalty** for guessing at answers, so **don't leave any questions unanswered**.
- 3 There are 40 questions to answer on the exam. 25 are general knowledge questions worth 1 mark each and 15 are questions on 3 drawings you create from scratch that are worth 5 marks each. This scoring scheme recognizes that the drawing skills are the most important! ☺
4. Even though you are not allowed to use any books while writing the exam, AutoCAD is running the whole time, so you can use AutoCAD's HELP system like an open book exam to look up answers to the general knowledge questions and try things out. Remember that activating a command and then pressing F1 on your keyboard brings up context sensitive help immediately!
5. Using the Autodesk Exam practice manual for studying has been a big part of past students success. It is written by a well known AutoCAD author, Alan Kalameja, the head of the AutoCAD exam board. You should also try out all of the quiz questions in each EKHO exercise drawing as well as the practice exams on our web site.
6. You will get a laser printed certificate from EKHO immediately upon successfully passing with 80% or more, which we will sign for official proof of success with our proctoring (supervision).
7. You **MUST** know all of your Inquiry commands down pat!! (**AREA, LIST, DIST**, etc.)
8. Use the sample exams in the book to time yourself and mark yourself. Once you can successfully achieve about 80% or more in 2 hours you know that you should pass the real exam.
9. The Exam practice manual covers Level 1 and 2 exams. You only need to practice the Level 1 exams for the formal Level 1 exam.
10. You can write the practice exam at home by paying \$50, but this does not provide you with **any credible verification** that EKHO provides by acting as a proctor here at The EKHO Institute. Your cousin "Vinnie" may have written it for you at home!! ☺
11. EKHO's price to supervise (proctor) the exam, is \$400CDN and can be paid on the day of the exam by cheque, cash or credit card. EKHO Students who book and pay in advance with the course will get a \$75 discount.
12. EKHO requires a pass mark of 80% to pass the formal exam.
13. Each of EKHO's proprietary exercise drawings now have a Layout tab called Quiz to practice for the exam questions. These drawings are used in our classes and supplied on our Training Videos CDs and DVDs for your convenient practice and study.

SELL YOURSELF AND YOUR SUCCESSES!!

Good luck to each one of you! Remember that this certification exam gives you another "**arrow for your quiver**" when seeking out a job. Always attach your exam certificate to your resume and job applications. You will have to "sell it" in most cases as Autodesk has not done the best job of informing employers about it. Autodesk is the biggest CAD software company with world wide recognition and offers a standard that no others can match to date. Even though employers may be blissfully unaware of the benefits of being certified, you can promote it confidently as a big advantage over 99% of your competitors, because it will check out 100% for anyone who chooses to doubt you. Skeptical employers are welcome to call Elton Hammond at 613-822-6935 for further insights and suggestions on how to verify the true benefits and authenticity. The formal AutoCAD Certification Exam was created by Autodesk to offer employers a truly unbiased employee AutoCAD-skill verification tool. Because it has been tested, it is far superior to any ad hoc tests an employer may fabricate without experience.

AutoCAD 2000 EXAM TOPICS

Autodesk's AutoCAD 2000 (U.S.) test measures your ability to design in **two dimensions** using AutoCAD 2000. Designed for experienced users, this test covers the following topics: Getting Started/ Organization, Creating Objects, Drawing, Editing, Layers, Color and Line types, Text, Dimensioning, Blocks, Attributes and Xrefs, Printing and Plotting, and Utilities.

Test Outline

Blocks, Attributes, & Xrefs

- Attributes
- Blocks
- Xrefs

Creating Objects

- Curved Objects
- Hatching
- Lines

Dimensioning

- Concepts
- Creating
- Dimension Styles
- Editing

Drawing

- Calculating Areas, Distance, & Angles
- Paper Space/Model Space
- Snaps
- Zoom & Pan

Editing

- Chamfering/ Filletting
- Copying Objects
- Edit commands
- Editing Objects
- Moving Objects
- Resizing Objects
- Selecting Objects

Getting Started/ Organization

- AutoCAD Interface
- Drawing Setup
- Modifying the AutoCAD Environment

Layers, Colors, & Linetypes

- Colors
- Layers
- Linetypes

Printing & Plotting

- Plotting
- Printing

Text

- Line Text
- Multiline Text
- Text Editors
- Text Styles

Utilities

- Importing/Exporting Files
- Purging
- Scripts

SAMPLE QUESTIONS FROM R2000 EXAM BOOK:

1. To cycle through objects for selection, which key do you hold down at the "Select Objects;" prompt to activate Object Cycling?
a. ALT b. CTRL c. ESC d. SHIFT
2. Which property can be set for a layer?
a. thickness b. elevation c. lineweight d. units
3. Before you can delete a layer, all entities on that layer must be
a. off. b. frozen. c. erased. d. locked.

AutoCAD 2002 EXAM TOPICS

Autodesk's AutoCAD® 2002 (U.S.) (Interactive) test measures your ability to design **in two and three dimensions** using AutoCAD® 2002. Some of the items in the test contain drawing files that you will open and manipulate in AutoCAD® 2002. Designed for experienced users, the AutoCAD® 2002 (U.S.) (Interactive) test covers the following topics: Annotation, Drawing, Drawing Shapes, Drawing View, Editing, Editing Objects, File Management, Format, Inserting Objects, and Utilities and Settings. Since this test is a hands-on measure of your abilities and knowledge of the program, you **MUST** have AutoCAD® 2002 loaded on your computer in order to take this test.

Test Outline

Annotation

- Dimensioning
- Hatch
- Leader
- Text

Drawing

- Coordinates
- Measure/List
- Snaps
- Units

Drawing Shapes

- 3D Shapes
- Angled Shapes
- Curved Shapes
- Lines

Drawing View

- Layout Tabs
- Other View Settings
- Shade Modes/Render
- UCS
- Viewports

Editing

- Copy/Paste
- Selecting
- Undo

Editing Objects

- 2D Manipulation
- 3D Manipulation
- Grips
- Move/Copy/Rotate

File Management

- Export
- Import
- Plotting
- Save

Format

- Color/Linetype
- Design Center
- Dimension Styles
- Layer Management
- Property Manager
- Standards Manager
- Text Styles

Inserting Objects

- Blocks
- Images
- XML
- Xrefs

Utilities and Settings

- Configuration and Profiles
- Drafting Settings
- Loading Applications
- Menu and Toolbar Customizing
- Scripts
- User Preferences
- VBA Manager

EKHO'S TRAINING = SUCCESS!!

Increase your odds by 2 to 3 times with EKHO!!

The following chart and graph compares EKHO's beginner Deluxe AutoCAD course students to 2 competitors' beginner classes that took very similar training and then wrote the AutoCAD Level 1 Certification Exam here at The EKHO Institute. This clearly shows the exceptional results achieved in EKHO's training program. We also show "Experienced Users" with about 5 years experience. Please note the much higher number of hours of training supplied by other trainers compared to EKHO's 40 hours of Level 1 Instruction plus 40 hours of Level 1 lab time. **Quantity can not replace quality!! One other way to view these results is that students have a 2 to 3 times greater chance of success in succeeding with training at The EKHO Institute!**

	Level 1	Competitors' Level 1		Miscellaneous
	EKHO Students	Competitor A	Competitor B	Experienced Users
Hours of Training	40 (class) +40 (lab)	176 (class)	320 (class)	5 years?
Average Mark	79%	39%	28%	75%
% Passing	69%	33%	20%	65%

