



RCSA Industry Competency and Certification Exams

RCSA Certification Exam Skill Sets: AutoCAD 2007 - Basic

Autodesk AutoCAD users can gain a competitive edge in their industries with AutoCAD Certification. Through certification you can demonstrate your knowledge and skills to prospective employers and advance your career opportunities.

Passing the examination requires a working knowledge of the performance tasks listed below.

Skill Sets	Fundamentals
Displaying Drawings	<ul style="list-style-type: none">» Perform zooming to alter display of drawing» Pan a drawing to alter display
Working with Objects and Geometry	<ul style="list-style-type: none">» Create lines, arcs, circles and ellipses while using specific units and maintaining design accuracy» Move, copy, rotate, trim, extend, offset, lengthen, break, stretch, mirror, fillet, array, and scale objects» Use command line to enter commands and command options» Use direct distance entry to enter distance values» Use running object snaps and object snap overrides to select snap points in the drawing» Use polar tracking and PolarSnap to increase speed and accuracy when creating geometry
Working with Layers and Linetypes	<ul style="list-style-type: none">» Import and use linetypes» Change scale, colour, layers and lineweight on new and existing geometry» Create layers and changes settings of layers
Annotations	<ul style="list-style-type: none">» Create and modify text styles» Create Mtext and Dtext» Demonstrate knowledge of text scaling» Use parameters and actions to create dynamic blocks
Hatching	<ul style="list-style-type: none">» Access and use commands to create hatching» Knowledge of hatch scaling» Use Hatchedit command
Dimensioning	<ul style="list-style-type: none">» Identify types of dimensions you can create» Working knowledge of Dimension Style command» Edit using grips and the Dimedit and Dimtedit commands

Skill Sets	Fundamentals
Blocks, Attributes and Reusable Content	<ul style="list-style-type: none"> » Create blocks, insert blocks and understand block management » Use x-reference insertion, management, editing and types of x-references » Create custom menus » Edit block attribute values, colour and text style » Create table styles - create and modify tables » Create donuts, xlines and rays, wipeouts and boundaries while using specific units and maintaining design accuracy » Use purge and Wblock commands
Layouts and Views	<ul style="list-style-type: none"> » Create layouts, viewports, and scaled viewports » Edit the display of layers in independent viewports » Manage layouts and page setups
Output	<ul style="list-style-type: none"> » Understand ModelSpace output and layouts to create scaled hard copy and electronic drawings » Access plotter configuration files » Access the Publish command and identify options » Use Publish command to publish DWF files and plot drawings
Drawing Set-Up, Templates and Standards	<ul style="list-style-type: none"> » Use Save As command to create drawing template » Understand difference between hard copy and electronic drawing » Create and modify a drawing standards file