Get all the support you need

ICT Trainings offers lots of support to help you prepare for your future.

Find a wide range of support, including official ICT preparation materials –
www.icttrainnings.com/

Find quizzes and learning tips on our Facebook page –
www.facebook.com/ICTtrainingsLahore

Register now
You can take the course in a class or online on computer.
Step 1: Visit ICT Trainings Centre
Choose from over 50 courses.
Step 2: Choose from over 50 Courses
Find out about registering, costs and preparation courses.
Step 3: Choose your starting date and time
We have dates every month – and you can register just one week before taking your course.

Find out more at
www.ict-trainings.com

Show you are serious about your career

Join millions of people that have selected IT and using in official/daily chores.

ICT Certificates to show they have the work-focused

IT and Telecom skills for career success. These high-quality international courses are developed by Industry leading professionals

Boost your employability – get the IT skills you need to access the best jobs.

Excel in business-related studies with proven IT skills.

Recognized by top local & multinationals as a quality delivering educational institution.

Contact us

ICT Trainings Lahore

349 H/3, Johar Town
Lahore
Punjab
Pakistan
Cell: +92 321 3499131
LandLine: +92 42 35951406-7

Find us:
website: ict-trainings.com
http://facebook.com/ICTtrainingsLahore
email: info@ict-trainings.com
www.ict-trainings.com/curriculum/autocad - leaflet.pdf

ICT develop and produce the most valuable range of qualifications for learners of IT and Telecom.

Over 20000 students trained in Two Decades.

Universities, employers, government, ministries and other organizations recognize us as valuable partner.
ICT Trainings Institute – Engineering Your Career

AutoCAD

Course Guide

Autodesk certifications are industry-recognized credentials that can help you succeed in your design career—providing benefits to both you and your employer. The certifications provide reliable validation of skills and knowledge, and they can lead to accelerated professional development, improved productivity, and enhanced credibility.

AUTODESK AUTOCAD

Autodesk is globally accepted exam
The Autodesk exams are trusted and accepted by leading employers, educational institutions and governments worldwide.

For a details of this market-leading exams, go to
http://www.autodesk.com/training-and-certification/overview

AutoCAD Course Objectives

AutoCAD Certified User course includes both academic and industry requirements designed to confirm that AutoCAD users have the skills necessary to continue their design careers.

User Interface
- UI Navigation/Interaction

Working Modes
- Command Line
- Toolbars
- Menu Options
- Keyboard Shortcuts

Toolbars
- Standard Tool Bar
- Draw Tool Bar
- Modify Tool Bar
- Properties Tool Bar

File Formats
Interface Customization
Setting Drawing Limits
Open & Save Drawings
The X-Y Coordinate System
Linear & Angular Measurement
Entering Points in AutoCAD
AutoCAD Terminology
Coordinate Entry
Object Selection Methods
- Remove, Last, Previous, Fence, Cycling
- Crossing polygon & Window

Display control
Undo & Redo
Erase Objects
Editing with Grips
Zoom
Aerial View
- DSViewer

Pan
Quick Menu
Object Properties
UCS & WCS
Object Referencing
Status Bar

Object Construction
- Line, Multi-Line, Ray, Point Construction

Drawing Objects
- Circle
- Polygon
- Rectangle
- Ellipse
- Donut

Arc
- Circular & Elliptical Arc
- Polyline, Spline
- Revision Control

Creating Regions
Hatching
Color Gradients
Polyline Edit
Text Management
Tables
Modifying Objects
- Line Type Control
- Line Color Control
- Line Weight Control
- Text Editing
- Dimension Style Tools
- Table Style Tools

Modification Commands
- Erase, Copy, Mirror, Offset, Move
- Array, Rotate, Scale, Stretch, Trim, Extend
- Break, Break at Point, Join, Chamfer, Fillet
- Direct Distance Entry

Object Tracking
- Direct distance entry
- Polar tracking
- Object snap tracking
- Dynamic input

Orthographic Projection
- Isometric

Layers
Layer Status
Properties
- Linear, Aligned, Radius, Diameter etc

Libraries
- Object Libraries
- External references
- Tools

- Inserting Layouts, Blocks, DWG References, Raster Images, Fields
- Tool Pallets
- Design Center
- Inquiry

Standardization
- Single Drawing & Batch Drawing

Drawing Layouts
- Model & Layout Spaces
- Viewports
- Layout Wizard
- Layout Toolbar
- Layout Commands
- Page Setup Manager
- Plotting

Introduction to Blocks
- Creating
- Inserting
- Attributes - non-graphical information
- Creating a title block with attributes

Parametric constraints
Elevation drawings
AutoCAD 3D
Introduction to 3-D
- Working in 3 Dimensions
- Viewing 3-D objects
- Basic wireframe models
- Line thickness
- Regions and 3-D faces
- Extruding & lofting
- Revolved objects
- Adding materials
- Primitive solids
- Boolean operations
- Changing from the WCS to the UCS
- Mapping materials
- Creating new materials
- Model a building
- Introduction to rendering and lighting

Practical Approach
A real-time example will be given throughout the lectures, starting from design basics to expert level.

www.ict-trainings.com/curriculum/autocad-leaflet.pdf