

AUTOCAD 2011 3D MODELING & DESIGNING

REGISTRATION FORM

Name:
Organization: Department:
Position: Email:
Field of Experience: Years of Experience:
Address:
Telephone: Mobile: Fax:

Course Title	Duration	Date & Venue	Timing	Course Fees
AutoCAD 2011 3D Modeling & Designing	3 days	27-29 November 2011 BSE Headquarter, Manama, Kingdom of Bahrain	8:00 a.m to 4:00 p.m	BD 350 or US\$ 945

Promo & Discounts for early bird registration until 30th October 2011:

- Individual registration (**Non-Sponsored**) - 10% Discount
- Group registration composed of five (5) delegates for Ministries & Companies - 15% Discount
- BSE Members (*as individual / non-sponsored*) - 20% Discount
- Free seat for BSE active member

Note:

- For Individual/ overseas, payment shall be received upon submission of the completed registration form.
- In order to confirm the registration, Companies must arrange the following:
 - 25 % Advance payment 2 weeks prior to the course (**Non-refundable**)
 - 75% as full payment (1) week prior to the course
- No Show of participant/s during the course will be charged in full amount accordingly.
- Cancellation of participant/s shall be submitted in writing to BSE ten days (10 days) before the course.

Method of payment:

- Invoice the Organization (Please attach the authorization)
- I enclose a Banker's Draft payable to Bahrain Society of Engineers-Training Centre
- Bank Transfer: A/C No: 99098911 - National Bank of Bahrain-Manama Main Branch
- Please Debit to Amex: _____ Diner's Club: _____ Visa: _____ Master Card: _____
(Additional 3% will be charged)

Card Number:..... Expiry Date:.....

Card Holder's name and address (if different from above)

Signature..... Date:.....

Please send this completed form to:
Training Officer, Bahrain Society of Engineers
P. O. Box 835, Manama, Bahrain, Tel: +973 17-810725 or 17-727100, Fax: +973 17-827475
Email: ruth@mohandis.org

AUTOCAD 2011

3D MODELING & DESIGNING



Create the world
around you with designs
and shapes through the
flexibility and power of
Autocad 2011

Three (3) days
Training Workshop
27-29 November, 2011
BSE Headquarter, Manama,
Kingdom of Bahrain

Organized by:
Training Centre
Bahrain Society of Engineers
Tel: +973 17-810725 or 17-727100, Fax: +973 17-827475
Email: ruth@mohandis.org / Website: www.mohandis.org

AUTOCAD 2011 3D MODELING & DESIGNING

Introduction:

Create the world around you with designs and shapes through the flexibility and power of Autocad 2011. The newest software from the most powerful 2D and 3D CAD design outstand every individual's imagination by capturing reality with its cutting edge design capabilities.

Objectives & Benefits:

- Be able to compose professional documents in a clear, concise, and effective manner.
- Understand the proper design and use of graphics in technical documents.
- Be able to use CAD tools (i.e., AutoCAD®) for engineering design and analysis.
- Be able to graphically present design ideas using technical drawings produced manually and by CAD software.
- Be able to produce a set of three-dimensional models, integrate them and produce a set of technical drawings for display.
- Be able to produce a technical report, a technical presentation file, and make a professional presentation.

Methodology:

The training program follows an instructor-led type of course teaching. This includes theoretical discussion infused with practical applications. The whole program will also consist of laboratory activities and group works. The aim is to provide an interactive environment to maximize the potential of learning AutoCad 2011.

Who Should Attend?

- Mechanical Engineers
- Civil Engineers
- Architects
- Facilitates and Planning Managers
- Individuals with background on design

COURSE FEE:

BD 350 or US\$ 945 (Inclusive of snacks, buffet lunch, certificate of attendance & course handout)

Attendance Policy: Only Participants with at least 80% attendance report shall be entitled to Certificate of Attendance.

COURSE LECTURER:

Mr. Vilvin Vincent

Mr. Vilven received his diploma in 2D, 3D Design, Animation and Graphic Designing during the year 2007. He has been also certified by Autodesk 3DS Max and having 5 years experience in teaching.

Some of his work experiences are as follows:

- Working as a AutoCAD,3ds max and Graphic designing Instructor in Infoprism solution
- Worked as a Video Editor and Graphic designer in BLACK AND WHITE CREATION
- Worked as Technical Head of Multimedia Dept. at Alfa Chanel (Adobe Authorized Training Center) in Cochin
- Worked as an Autodesk approved Instructor in Multimedia and also Technical Head of Multimedia Dept. at Tweens Multimedia, Wing of CAD Center (Autodesk Authorized Training Centre) Cochin and Thrissur from 4th (April 2006 to Nov 2009.) Also doing 3D Modeling, Building Designing and Visualization, Animation and Graphic Designing for CAD Center.
- Worked as a 3dsmax,AutoCad Visualizer & building modeler in Private company Cochin

COURSE OUTLINE:

1. Introduction

- About Autodesk...
- Familiarize AutoCAD Menus, Tools, Icons, Graphic Window and Command Window
- AutoCAD startup Dialog Box
- File – Accessing, Saving and Closing

2. Coordinate System

- Understanding coordinate system
- User Coordinate System Icon (UCS icon)
- Absolute Coordinate System
- Relative Coordinate System
- Relative Polar Coordinate System

3. Setting up your First Drawing

- Choosing paper size
- Calculating Scale,
- Formatting units and limits
- Using Wizard to setup your drawing
- Using “Mvsetup” command to setup your drawing

4. Display Commands

- Using real time pan and zoom to view and magnify parts of drawing
- Zoom – Window, Previous, Dynamic, Extent, all
- Regen & Redraw command

5. Draw tools and commands

- Line command, line along with ortho option, polyline
- Circle – Center, Radius; Center, Dia; 3 point; 2 point; tan,tan,tan;
- tan,tan, radius
- Arc –3point; Start,Center,End;
- Start,Center,Angle
- Creating linear polyline
- Creating linear polyline with width
- Drawing Rectangle

- Drawing Polygon
- Drawing Polyline with arc segments
- Drawing donuts, Drawing Ellipse,
- Drawing spline
- Drawing Points – divide, measure

6. Extracting drawing information

- List the properties of objects
- Finding X, Y Coordinate of point
- Measuring the Distance,
- Calculating Area
- Display Drawing information

7. Editing objects

- Selection methods
- Erase Command
- Copy command
- Move command
- Mirror command
- Offset command
- Fillet
- Trim & Extend
- Break & Break @ point
- Chamfer
- Array
- Rotate
- Scale
- Stretch
- Explode
- Properties, Modify command

8. Annotating Drawing

- Define new text style
- Use existing text style
- Single line text
- Multi line text
- Edit text

9. Hatch

- Hatch areas with patterns and fills
- Boundary hatch command
- Selecting hatch pattern
- Scale, angle
- Inherit hatch properties
- Associative, non associative hatch
- Editing hatch