

VIXMATECH COMPUTER SALES & SERVICES

AutoCAD 2013 Courses *Professional Corporate Trainings*

Updated on: Oct 2013

Vixmatech Computer is a Bumiputera Status Company registered with the Pembangunan Sumber Manusia Berhad (PSMB) and The Ministry of Youth & Sports of Malaysia.



Training Provider:

Vixmatech Computer Sales & Services,
No. 2A-02-01, Lrg Batu Nilam 4A, Bdr Bkt Tinggi, 41200 Klang, Selangor D.E.

Tel: 03-3323 2362 Fax: 03-3323 2362 Website: www.vixmatech.com
Email: vixmacad@yahoo.com H/P: 017-203 6245 (En Izuddin)



THE AUTOCAD 2013 2D BASICS FOR BEGINNERS PROFESSIONAL CERTIFICATE COURSE

2 – DAYS COURSE

Course Overview:

This course is mainly for individuals who are very new to AutoCAD software. In this course, you will learn about the CAD basic coordinate systems e.g Absolute, Relative and Polar Relative Coordinate System.

Basic commands like line, arc & circle will be introduced in this course. Advanced commands like fillet, chamfer, array, offset and trim will also be introduced. The training will be more concentrated on the **practical side (hands-on)**. Exercises will be focus on the **engineering, interior design & architectural side**.

You will also learn how to plot or print drawing by applying the scale factor after making proper dimensioning.

Course Duration:

No. of Days : 2 Full Days
Class Time : 9am – 5pm
Total Contact Hours : 16 Hours

Course Days:

Weekdays : Mon & Tues / Sat & Sun

Course Dates:

Will be informed later

Course Fees:

Total course Fees : **RM 650 per person (Promotion Fee)**

Venue:

1. The training will be conducted at Vixmatech Training Center.
(Air-conditioned Computer Lab)

Facility:

Computers are provided during training. No need to bring your laptop.

License & Certifications:

Vixmatech Computer is registered with the Pembangunan Sumber Manusia Berhad (PSMB) and the Ministry of Youth & Sports of Malaysia.

Admission Requirements for Students: (Working Individuals are invited)

- SPM
- Computer Basics
- Age 17 and above

Training Materials:

- Course Manuals
- DVDs Course Training & DVD Software Installer (trial version)

Certificate which students will obtain upon completion of this program:

- One Certificate of Achievement

Payment Terms & Conditions:

1. The course fee must be paid upon confirmation of the course.
2. Cash or cheque made payable to: **Vixmatech Computer Sales & Services**

The Trainer:

Mr Izuddin Osman is an IT Consultant from **Vixmatech Computer** which is a **Bumiputera status company**. He is also the founder of Vixmatech Professional Trainings. He is the author of the **eBook** titled **"Building Interior Design & Architecture"** which is selling rapidly in the internet this year. He is an expert in AutoCAD and 3DS Max software and has been active in the industry for more than 15 years now. He has been involved with many government and international projects including PDRM and MIMOS especially projects related to architectural designs, interior designs, buildings and event managements. He has trained thousands of people from many countries in CAD software and 3D Design Software. He has conducted hundreds of Seminars & Corporate Trainings for MNC companies all over the world including Petronas, Sapuracrest, WCT, Samsung, Sony and etc. He has a Masters Degree in IT and a Bachelor Degree in Electronics Engineering. He is also the founder of Vixmacad Publication and has created many types of 3DS Max plugins library and AutoCAD Blocks which are currently sold online.

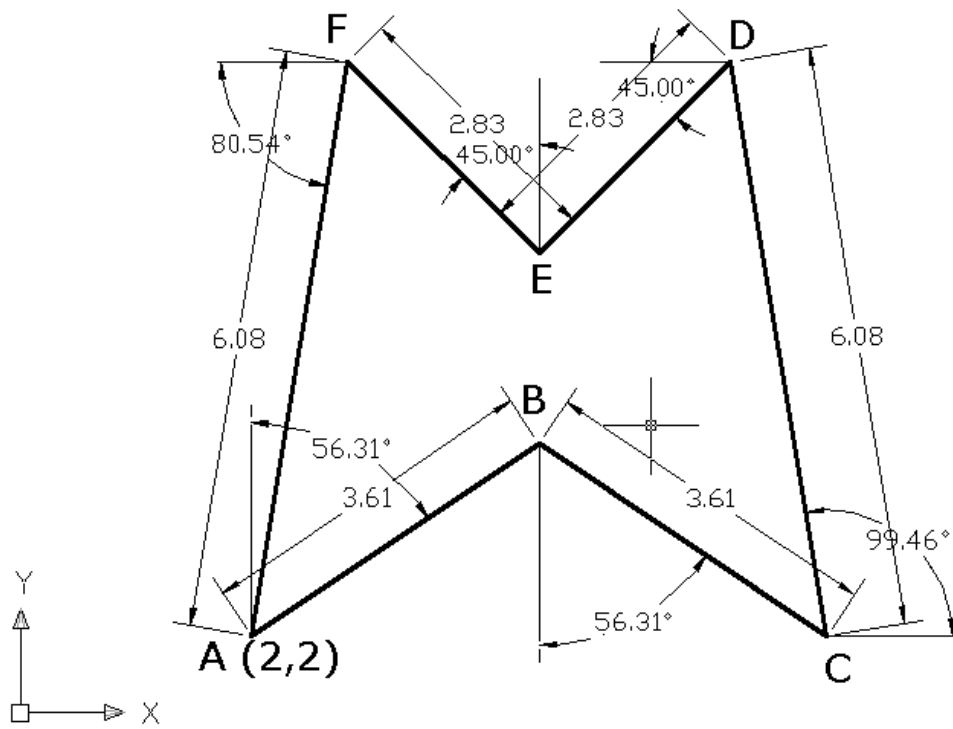
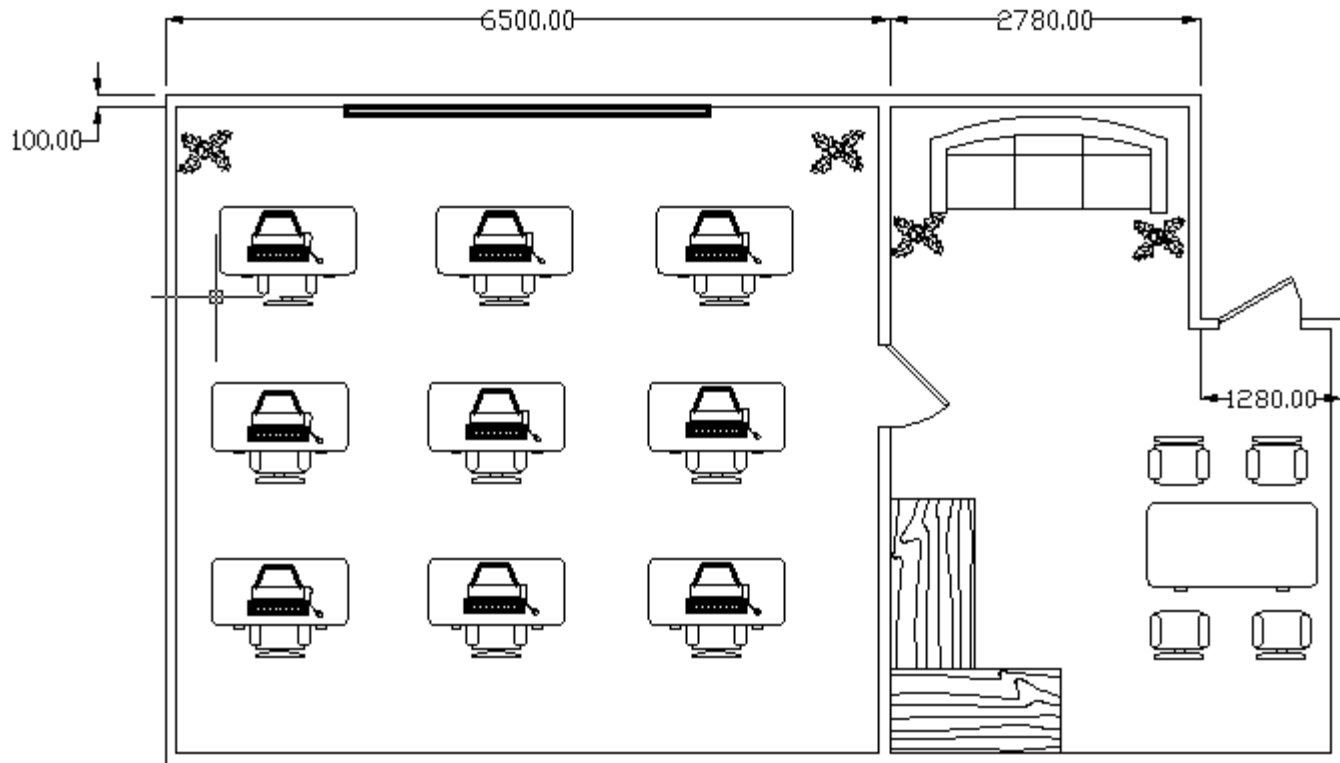


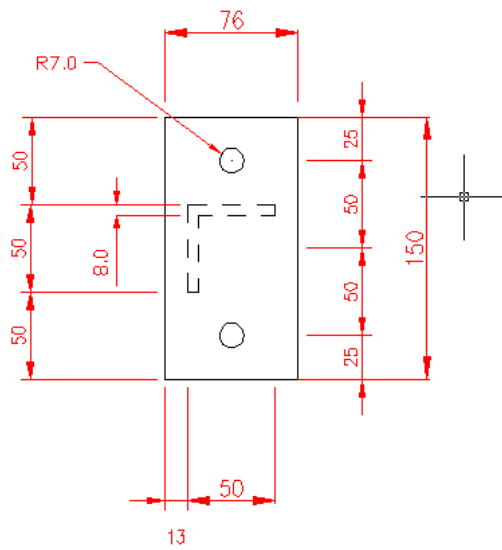
AUTOCAD 2013 2D BASICS FOR BEGINNERS COURSE OUTLINE:

(Course Manuals & AutoCAD DVD Software Installer trial will be given inclusive!)

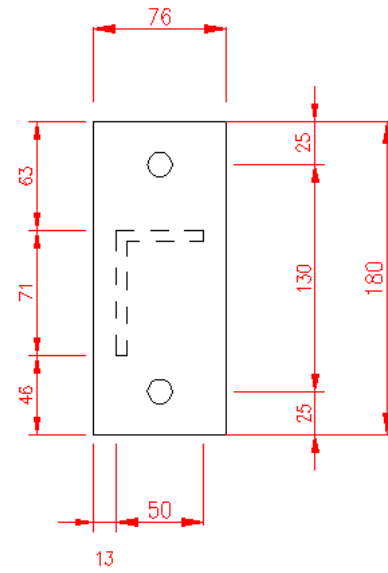
No	Day	Duration	Lessons Covered
1	DAY ONE	8 Hours	<ul style="list-style-type: none"> a. The Introduction and AutoCAD Versions b. AutoCAD Interface & Command Window c. Grid, Snap & Limits Settings d. AutoCAD Coordinate Systems (Absolute, Relative & Polar) e. Object Snap and Object Track – Settings & Techniques f. Polar Tracking – Settings & Techniques
			<ul style="list-style-type: none"> a. Basic Commands (Line, Arc, Circle, Move & Copy) b. Text, Dimensioning & Explode c. Editing Objects and Object Properties d. Array Command with Fillet and Chamfer e. Trim, Extend, Stretch, Offset & Pline f. AutoCAD 2D Commands (Rectangle, Polygon, Hatch & etc.)
2	DAY TWO	8 Hours	<ul style="list-style-type: none"> a. Line Types and Line Weights b. Region, Boundary & Hatch Objects c. Layer Management Properties d. Block and Insert Command e. Floor Plan Layout Drawings f. Drawing Aids / AutoCAD Blocks (AutoCAD Design Center) g. How to create your own customized AutoCAD Blocks library? h. WBLOCK command & AutoCAD Modify Tools
			<ul style="list-style-type: none"> a. Basic Isometric Drawings b. Scaling & Measurements Analogy c. Printing and Scaling Your Drawings complete with Title Block d. Exercise 1: Drawing an Office Floor Plan Layouts with Title Block e. Exercise 2: Drawing a Mechanical Gear f. Exercise 3: Drawing Metal Structures
			<ul style="list-style-type: none"> a. Exercise 4: Drawing an Electrical Wirings Layout b. Exercise 5: Drawing an Air – Conditioning System Layout c. Exercise 6: Drawing a Gas Tube of a Cooling Tower d. Exercise 7: Drawing Pipelines for Oil & Gas

Sample AutoCAD 2D Course Exercises:





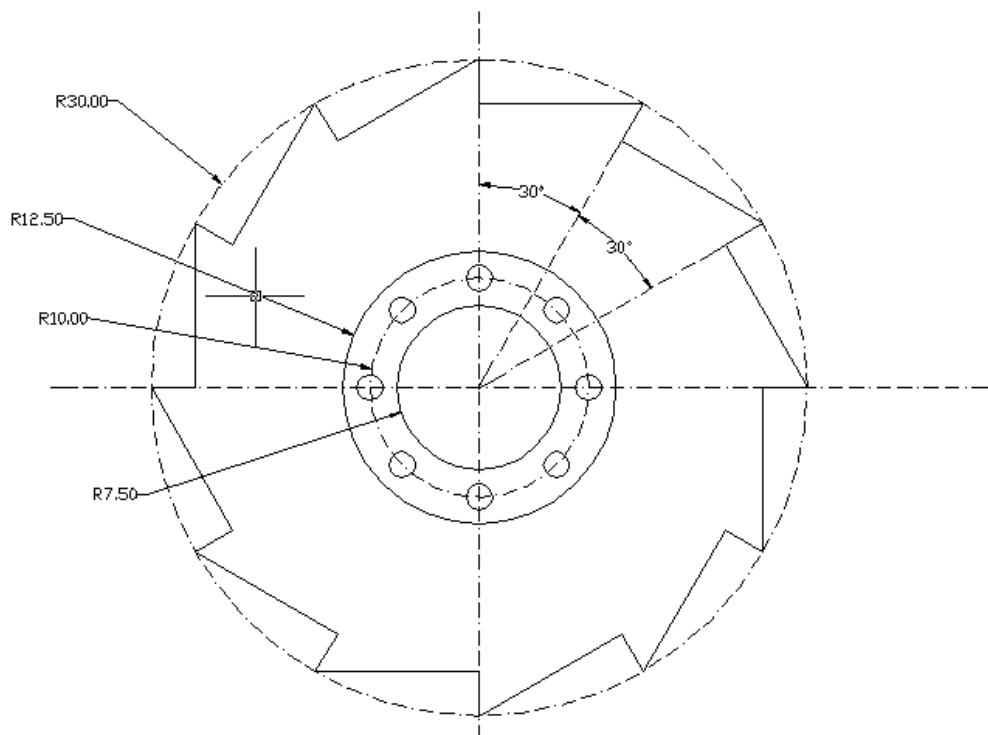
VIEW A



VIEW B



Advanced 2D Ex 2.2: Cable Tray Front View



THE AUTOCAD 2013 ADVANCED 3D MODELING PROFESSIONAL CERTIFICATE COURSE

2 – DAYS COURSE

Course Overview:

This course is mainly for individuals who are already familiar with AutoCAD software. Individuals who want to upgrade their AutoCAD hands-on skill by mastering 3D modeling are welcome to join in. In this course, **advanced 2D modifying techniques** will also be discussed with the participants for faster & more efficient ways to generate 2D layout drawings. Students will then learn how to **convert** their 2D Drawings into **3D Perspective** Drawings by just a few clicks.

3D techniques like **extrude, revolve, revsurf, edgesurf, loft** and etc will be introduced in this course. Students also will explore how to create solid primitives like box, cylinder, torus and many more. Solid editing commands such as the Slice, Face Extrude, 3D Array, 3D Fillet, Imprint, Taper Faces & etc will also be demonstrated step by step.

Isometric drawing techniques will also be demonstrated in details in this course. Lastly, students will learn how to render their 3d models into jpeg images using **AutoCAD Rendering & Materials** amazing features & tools. **Cameras & Sun Lights** will also be taught in this AutoCAD 3D course.

Course Duration:

No. of Days : 2 Full Days
Class Time : 9am - 5pm
Total Contact Hours : 16 Hours

Course Days:

Weekdays : Mon & Tues / Sat & Sun

Course Dates:

Will be informed later

Course Fees:

Total course Fees : **RM 650 per person (Promotion Fee)**

Venue:

1. The training will be conducted at Vixmatech Training Center.
(Air-conditioned Computer Lab)

Facility:

Computers are provided during training. No need to bring your laptop.

License & Certifications:

Vixmatech Computer is registered with the Pembangunan Sumber Manusia Berhad (PSMB) and the Ministry of Youth & Sports of Malaysia.

Admission Requirements for Students: (Working Individuals are invited)

- SPM
- Computer Basics
- Age 17 and above

Training Materials:

- Course Manuals
- DVDs Course Training & DVD Software Installer (trial version)

Certificate which students will obtain upon completion of this program:

- One Certificate of Achievement

Payment Terms & Conditions:

1. The course fee must be paid upon confirmation of the course.
2. Cash or cheque made payable to: **Vixmatech Computer Sales & Services**

The Trainer:

Mr Izuddin Osman is an IT Consultant from **Vixmatech Computer** which is a **Bumiputera status company**. He is also the founder of Vixmatech Professional Trainings. He is the author of the **eBook** titled **"Building Interior Design & Architecture"** which is selling rapidly in the internet this year. He is an expert in AutoCAD and 3DS Max software and has been active in the industry for more than 15 years now. He has been involved with many government and international projects including PDRM and MIMOS especially projects related to architectural designs, interior designs, buildings and event managements. He has trained thousands of people from many countries in CAD software and 3D Design Software. He has conducted hundreds of Seminars & Corporate Trainings for MNC companies all over the world including Petronas, Sapuracrest, WCT, Samsung, Sony and etc. He has a Masters Degree in IT and a Bachelor Degree in Electronics Engineering. He is also the founder of Vixmacad Publication and has created many types of 3DS Max plugins library and AutoCAD Blocks which are currently sold online.

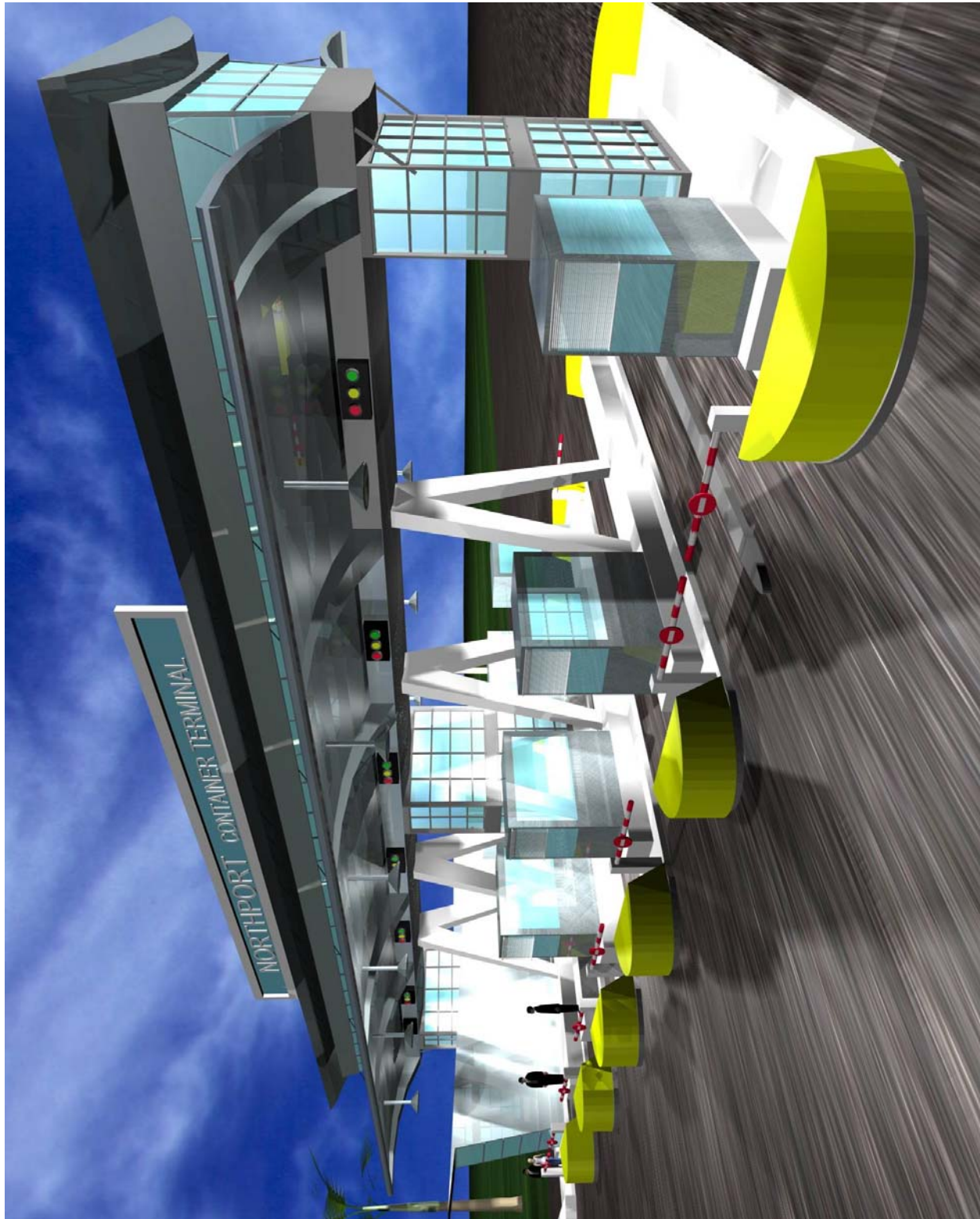


AUTOCAD 2013 ADVANCED 3D MODELING COURSE OUTLINE:



(Course Manuals & AutoCAD DVD Software Installer trial will be given inclusive!)

No	Day	Duration	Lessons Covered
1	DAY ONE	8 Hours	<ul style="list-style-type: none"> a. Multilines, Boundaries & Regioning b. Layer Manager & Advanced Isometric Drawings c. Using AutoCAD Design Center d. Template Drawing Creations e. Creating & Customizing Drawing Blocks f. Plines & Splines g. XREF – External References h. Reassign / Reprogram Your AutoCAD Commands i. The PEDIT & DIVIDE commands j. Inquiry Tools – LIST Command (Area, Perimeter & etc.)
			<ul style="list-style-type: none"> a. The User Coordinate System (UCS) b. The Right Hand Rule (X, Y & Z-axis) c. Relative Coordinate System in 3D d. Creating Solid Primitives (box, cylinder, sphere, torus...) e. 3D Fillet & 3D Rotate f. 3D Array & 3D Mirror
			<ul style="list-style-type: none"> a. Creating Models from 2D Profiles b. The Extrude Command c. The Extrusion Path & The Slice Command d. Creating Models from Cross Sections (Surface Modeling) e. Revolve, Revsurf & Edgesurf f. Union, Subtraction & Intersection (Solid Modeling) g. 3D Orbit & 3D Zooming h. Working in a 3D Environment i. 3D Wire Frame Drawings j. Loft Command in AutoCAD 3D for creating organic shapes & 3D contours k. Extrude along a Path for 3D Pipes
2	DAY TWO	8 Hours	<ul style="list-style-type: none"> a. Solid Editing Techniques (Imprint, Extrude Face, Taper Face & etc) b. Manipulating The UCS during 3D modeling process c. 3D Solid Modeling of an Office d. Exercise 1: 3D Wire Frame of a Furniture e. Exercise 2: 3D Surface Modeling of a Glass f. Exercise 3: 3D Hollow Pipes & Pistons
			<ul style="list-style-type: none"> a. Exercise 4: 3D Garden b. Exercise 5: 3D Bridge c. Exercise 6: The Plaza Tol Building d. Exercise 7: 3D Dome of a Stadium e. AutoCAD Materials f. AutoCAD Renderings Techniques g. Presenting Your Models in Multiple Viewports on a Layout

AutoCAD 3D Sample Exercises:



Our Licenses:



SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

**PERAKUAN PEMBAHARUAN PENDAFTARAN
AKTA PENDAFTARAN PERNIAGAAN 1956**

BORANG E (KAEDAH 13)

No. Pendaftaran
001396438-V

**VIXMATECH COMPUTER SALES & SERVICES
2A-02-01, LORONG BATU NILAM 4A, BDR BUKIT TINGGI
41200 KLANG
SELANGOR**

Dengan ini diperakui bahawa Perniagaan yang dijalankan dengan nama

VIXMATECH COMPUTER SALES & SERVICES

telah didaftarkan dari hari ini sehingga **26 DISEMBER 2017** menurut peruntukan-peruntukan Akta Pendaftaran Perniagaan 1956, dengan nombor yang ditunjukkan di sini dan tempat utama perniagaannya di **2A-02-01, LORONG BATU NILAM 4A, BDR BUKIT TINGGI, 41200 KLANG, SELANGOR.**

Jenis Perniagaan

PERSONAL COMPUTER & RELATED PERIPHERAL & SERVICES, SMALL TO LARGE MULTI-USER SYSTEMS & SERVICES, WORKSTATIONS & RELATED PERIPHERALS & SERVICES, SOFTWARE PRODUCT AND SERVICES, OTHER COMPUTER RELATED SERVICES, NETWORKING PRODUC & SERVICES, TO PROVIDE TRAINING PROGRAM, TO SUPPLY LAB EQUIPMENT FOR COMPUTER

Bertarikh di **SHAH ALAM** pada **27 DISEMBER 2012.**



HRDF
-MALAYSIA-

No Siri : 0006

SIJIL PENDAFTARAN PENYEDIA LATIHAN

AKTA PEMBANGUNAN SUMBER MANUSIA BERHAD, 2001

VIXMATECH COMPUTER SALES & SERVICES (001396438-V)
NO.2A-02-01, LRG BATU NILAM 4A
BANDAR BUKIT TINGGI
41200 KLANG, SELANGOR

adalah dengan ini didaftarkan sebagai penyedia latihan di bawah Kumpulan Wang
Pembangunan Sumber Manusia mengikut kelas pendaftaran dan untuk
melaksanakan Skim-Skim Latihan seperti di bawah :-

Kelas Pendaftaran			Skim-skim Latihan Yang Dibenarkan	Disahkan Oleh
Kategori	Tarikh Diluluskan	Tarikh Tamat		
C	01/01/2013	31/12/2013	SBL	
-	-	-	-	
-	-	-	-	

Mengikut syarat-syarat seperti berikut :-

Kategori Pendaftaran	Skim-skim Latihan Yang Dibenarkan
A	Penyedia Latihan boleh melaksanakan Skim PROLUS (termasuk E-Learning)/PERLA/SBL/SBL-KHAS/Skim Perantisan
B	Penyedia latihan hanya dibenarkan untuk melaksanakan Skim PROLUS(Peringkat Sijil Kehadiran-Soft Skills)/SBL / SBL- KHAS sahaja
B (HOME OFFICE)	Penyedia latihan hanya dibenarkan untuk melaksanakan Skim SBL / SBL-KHAS sahaja
C	Penyedia latihan hanya dibenarkan untuk melaksanakan Skim SBL sahaja

16 JAN 2013

Tarikh Dikeluarkan



Pembangunan Sumber Manusia Berhad



KEMENTERIAN KEWANGAN MALAYSIA

SIJIL AKUAN PENDAFTARAN SYARIKAT

NO SIJIL : K2209378009812659
NO RUJUKAN PENDAFTARAN : 357-02157669
TEMPOH SAH LAKU : 02/09/2010 - 01/09/2013

Bahawa dengan ini diperakui syarikat :

VIXMATECH COMPUTER SALES & SERVICES (001396438-V)
2A-02-01, LORONG BATU NILAM 4A,
BDR BUKIT TINGGI
KELANG
41200 KLANG
SELANGOR, MALAYSIA

Telah berdaftar dengan Kementerian Kewangan Malaysia dalam bidang bekalan/perkhidmatan di bawah sektor, bidang dan sub-bidang seperti di Lampiran A. Kelulusan ini adalah tertakluk kepada syarat-syarat seperti yang dinyatakan di Lampiran B. Individu yang diberi kuasa oleh syarikat bagi urusan perolehan Kerajaan adalah seperti berikut :

ANAS IUDDIN BIN MOHD OSMAN

790716105297

PENGARAH SYARIKAT

t.t

DATO' FAUZIAH YAACOB

Bahagian Perolehan Kerajaan
b.p Ketua Setiausaha Perbendaharaan
Kementerian Kewangan Malaysia

Tarikh Berdaftar Dengan Kementerian Kewangan Malaysia : 02/09/2010

(Sijil ini adalah cetakan komputer dan tidak memerlukan tandatangan)

