

VIXMATECH COMPUTER SALES & SERVICES

REVIT MEP HVAC & Architecture For Beginners

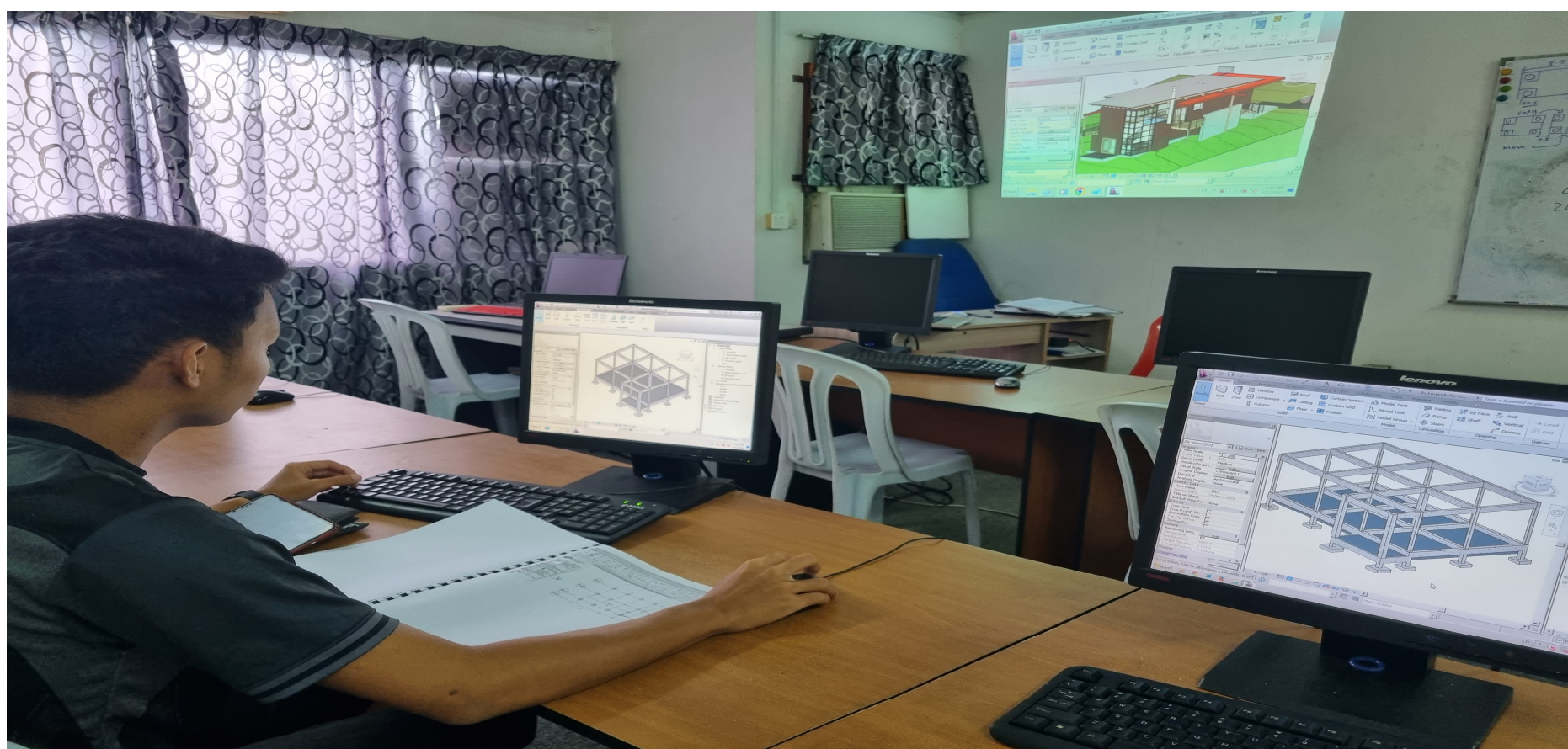
(Online Google Meet – 2 Days Program)

20 CCD Points by CIDB Malaysia

20 CCD
POINTS
CIDB

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Training Provider:

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REVIT MEP HVAC & Architecture For Beginners (Online Google Meet)

Ringkasan Kursus:

Kursus REVIT MEP HVAC & Architecture For Beginners ini direka khas untuk mereka yang **beginners level (zero knowledge)** tentang software **REVIT**. Kursus ini juga direka khas untuk mendedahkan konsep & prinsip membina projek MEP (Mechanical, Electrical, Plumbing) HVAC (Heating, Ventilation, Air Conditioning) dan Architecture bangunan 3D **BIM (Building Information Modeling)** menggunakan software **REVIT**. Para pelajar akan mempelajari asas penggunaan fungsi buttons & commands di dalam software **REVIT**. Para pelajar juga akan mempelajari teknik **BIM (Building Information Modeling)** design & process workflow dalam membina sebuah 3D MEP & Architecture yang lengkap dengan **wall, door, window, floor, roof, structure beams, columns, isolated foundation, footing, stump, pipes, sinks, water closets, air terminals, revit families components** & lain – lain. Di peringkat akhir kursus ini, para pelajar akan mempelajari teknik asas **rendering, walkthrough camera animation & Annotating Construction Documentations**. **REVIT MEP HVAC & Architecture For Beginners Professional Training** ini adalah selama 2 hari penuh (9am-5pm). Para peserta akan mendapat Sijil (**Certificate of Achievement**) selepas tamat kursus pada hari kedua. **Sijil kursus diiktiraf oleh CIDB Malaysia dengan 20 mata CCD**. Sijil kursus ini juga diiktiraf oleh Kementerian Sumber Manusia dan Kementerian Kewangan Malaysia.

Prasyarat / Prerequisites:

Kebolehan menggunakan asas komputer. Terbuka kepada mereka yang beginners level (zero knowledge) yang ada Computer Basics knowledge.

Who should attend:

Pengguna baru REVIT atau Newcomers.

Jangkamasa / Duration:

[Kursus Online Google Meet - Dua hari penuh \(9am-5pm\). 16 jam.](#)

Yuran / Fees:

**** Jumlah keseluruhan yuran adalah sebanyak Rm 300 sahaja seorang (Harga Promosi !)**

Software Installer & Course Manual:

**** Software Autodesk REVIT 2019 Installer & Course Manual akan diberikan kepada students secara percuma !!**

**** Software Autodesk REVIT 2019 Installer & Course Manual akan dihantar kepada students secara Google Drive !**

Pengajar / The Trainer:

Encik Anas Izuddin Bin Mohd Osman B.E.E. (Hons) Universiti Tenaga Nasional

Profail Pengajar / Trainer Profile:

Encik Anas Izuddin Bin Mohd Osman B.E.E. (Hons) Universiti Tenaga Nasional
(Founder & Owner of Vixmatech Computer)



Encik Anas Izuddin Mohd Osman merupakan pengasas & perunding utama bagi Pusat Latihan Vixmatech Computer. Beliau mempunyai lebih 20 tahun pengalaman dalam bidang Training & Development bagi software Autodesk & Adobe. Beliau telah menjalankan pelbagai jenis training yang berkaitan software Autodesk & Adobe di sektor kerajaan dan swasta seperti Petronas Carigali, TNB, PLUS, Proton, PDRM Bukit Aman, UPM, UITM, UNISEL, Kementerian Kesihatan, ADTEC, MIMOS Berhad, MIROS, Akzonobel, Sapuracrest, Malaysia Airports Bhd, Proton, WCT Development Sdn Bhd dan lain – lain lagi.

Kandungan Kursus / Course Syllabus:

REVIT MEP HVAC & Architecture For Beginners – DAY 1		
Time	Topics	Sub-Topics
9:00am – 10:00am	Building Information Modeling (BIM) & Autodesk Revit Introduction	Understanding Revit BIM Concept and Terminology Revit Buttons User Interface overview Starting a new Architectural Project Viewing & Navigation Tools Practicing opening and reviewing a project Working with Revit Elements and Families
10:00am – 10:30am	Basic Sketching & Modify Tools	Using general tools Practicing sketching / editing elements Practicing working with basic modify tools Practicing working with additional modify tools
10:30am – 11:00am	Setting Up Levels & Grids	Practicing setting up Levels Creating structural Grids Adding Columns Linking / Importing CAD files Practicing / Adding structural Grids / Columns
11:00am – 1:00pm	The Basics Of The 3D Building Model	Creating a Basic Floor Plan Adding and Modifying Walls Working with Compound Walls Using Editing Tools Adding and Modifying Doors Adding and Modifying Windows Creating Curtain Walls Practicing adding Mullions / Panels to Curtain Walls
1:00pm – 2:00pm	Rehat / Break	Lunch & Sembahyang Zohor
2:00pm – 3:30pm	The Development Of The 3D Building Model Architecture	Creating and Modifying Floors Creating Shaft Openings Working with Ceilings Adding and Modifying Roofs Adding Stairs and Railings
3:30pm – 4:00pm	Loading Additional Building Components	Working with Component Families Practicing adding / modifying Component Families
4:00pm – 4:30pm	Viewing The 3D Building Model	Managing Views Controlling Object Visibility Working with Section and Elevation Views Creating and Modifying 3D Views
4:30pm – 5:00pm	Using Dimensions and Constraints	Working with Dimensions Applying and Removing Constraints

REVIT MEP HVAC & Architecture For Beginners – DAY 2		
Time	Topics	Sub-Topics
9:00am – 10:00am	The Development Of MEP HVAC Systems	Adding and Modifying Revit MEP for Plumbing - Pipes Adding Revit MEP for Plumbing – Water Closets Adding Revit MEP for Plumbing – Sinks & Bathtubs Adding Revit MEP for Mechanical – Air Terminals Adding Revit MEP for Mechanical – Air Conditioners Adding Revit MEP for Mechanical – Heat Exchangers Adding Revit MEP for Mechanical – Heat Pumps & Tanks
10:00am – 11:00am	Modeling 3D Building Structure Using BIM	Creating the Ground Beam of a Building Structure Creating the Footing of a Building Structure Creating the Stump of a Building Structure Creating Column & Roof Beam of a Building Structure
11:00am – 12:00pm	Creating Construction Documents	Setting up sheets Placing / Modifying views on sheets Practicing / Creating construction documents Printing sheets Annotating Construction Documents Working with Dimensions
12:00pm – 1:00pm	Aspects Of Construction Documentation	Creating and Modifying Schedules Creating Rooms and Room Schedules Creating Legends and Keynotes
1:00pm – 2:00pm	Rehat / Break	Lunch & Sembahyang Zohor
2:00pm – 3:00pm	Presenting The Building Model Part 1	Working with Drawing Sheets Creating & Customizing Title Blocks Working with Section Views Working with 3D Views Managing Revisions
3:00pm – 4:00pm	Presenting The Building Model Part 2	Assigning Materials Controlling Objects Visibility Getting Started with Rendering Interior Rendering Exterior Rendering
4:00pm – 5:00pm	Presenting The Building Model Part 3	Getting Started with Walkthrough Animation Setting Up the Camera for Walkthrough Animation Creating & Customizing Walkthrough Animation

Autodesk REVIT BIM Sample Project:

