3D EDUCATORS
Trainers & Consultants

RTC
International Management Research & Technology Consortium

Revit MEP

Training Program

Who can do?

- People who like to learn REVIT MEP Software.
- Working people in mechanical, civil, electrical, architects, Interior designing who are willing to learn new methodologies of REVIT 2D and 3D specifically on MEP
- Who want to get good and reputable jobs in the market and are like to enhance their skills in Autodesk REVIT MEP Software.

100,000+ Students have been Trained

since 1997

Program is offered by

3D EDUCATORS - INT

22 Years of Excellence in Training & Development

Invest in People the only Asset that Appreciates

www.3dedudcators.com
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Syllabus

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Course Outline

This Course is comprehensively designed for engineers, who are concerned with the civil, architect, mechanical. The course will cover the detail interactive trainings on computers. Where at 3dEducators have the state of art labs with well-equipped latest and updated computers.

- Complete tools of REVIT
- Designing on 2D and 3D
- 3D Modeling and Techniques
- Parametric Modeling
- Collaborate in Real Time
- Stay Coordinated
- Interactive Visualization
- Steel Detailing
- Working with Files and Objects
- Transforming Objects
- Overview Lab

Inauguration

The Training Program will be inaugurated by a senior member of 3DEducators.

Program Structure

No of classes per week	**01 Class**
Duration of each class	**02 – Hour**

Other Learning Activities

Classroom Assignments	**02**
Presentations by Trainees	**01**
Total Labs	**16**
Final Project	**01**

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Revit MEP

Day 1

- Introduction to Autodesk MEP
- Understanding Basic Architecture
- Working with Views
- Setting Basic Drawing and Modify Tools
- Modeling Floors
- Modeling Ceilings & Roof

Day 2

- Adding Components
- Understanding Sections & Elevation
- Understanding Room Tags
- Controlling Object Visibility
- Copy & Monitor element

Day 3

- Setup Electrical Settings and Parameters.
- Place Lighting Fixtures and Devices.
- Place Receptacles and Equipment.
- Create Lighting, Switch, and Power Circuits.
- Create Panel Schedules.
- Demonstrate how to Create and Optimize Power Distribution in Revit MEP

Day 4

- Mechanical: Add and use mechanical equipment.
- Mechanical: Add and modify air terminals.
- Mechanical: Add and modify ducts.
- Mechanical: Add and modify return ducts.
- Mechanical: Add and modify duct accessories and fittings.
- Mechanical: Work with heating and cooling zones

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`Day 5

- Plumbing: Add and modify fixtures
- Plumbing: Add and modify piping
- Plumbing: Add and use plumbing equipment
- Plumbing: Create a plumbing system
- Plumbing: Add and modify pipe accessories
- Mechanical: Add and modify placeholder duct
- Mechanical: Define a duct system
- Mechanical: Work with spaces

Day 6

- Mechanical: Create duct/pipe legends
- Plumbing: Add and modify placeholder pipe
- Size duct and pipe systems
- Perform interference check
- Check duct and pipe systems and disconnects

Day 7

- Working in Texting, Arrowheads, Tagging & Dimensions
- Importing Raster Files
- Exporting CAD (.dwg) Format Files
- Working & Handling Default 3D Views, Camera Views & 3D Sections
- Understanding Visibility Graphics/Overrides

Day 8

- Introduction to Worksets and Establishing Project Work-sharing.
- Opening and Saving a Work shared Project as a Central Model.
- Creating and Setting Up Worksets in a Central Model.

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Day 9

- Working in Linking Architecture and Structure.
- Understanding and Setting up View Templates by their Separate Electrical Services.
- Creating sheets and putting views.
- Understanding Rendering.

Day 10

- Creating In-Place Families.
- Creating Generic Family.
- Creating Title Block.

Day 11

- Discussion & working on the generated Question related Revit Course Outline.

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ONLINE LIVE CLASSES FACILITY AVAILABLE

- Instructor Led Training
- Real Time Presentations
- Interactive Classes
- Complete Notes and Other Stuff shall be provided through our Secure Student Login Member's Area
- For Online Live Classes, you may please download the Admission Form through our website http://www.3deducators.com. Fill it properly and attached the required document along with Picture and send back to info@3deducators.com with scanned fee submitted voucher in the bank.
- For Pakistan you may submit the fee at any MCB Branch with the title of "3D EDUCATORS-TRAINERS & CONSULTANTS".
- If you are outside Pakistan then you may transfer via Bank to Bank or any western union, Fast Track, Money Gram or else International Transfer Body.
- After Admission, if you don't have GMAIL Account then you are requested to kindly make one GMAIL Account and shared it info@3deducators.com. Then further correspondence shall be made by our institute official.
- Extra Bandwidth Charges shall be incurred.

DISTANCE NOT MATTER

You can join in the live classes Sessions of 3D EDUCATORS – TRAINERS & CONSULTANTS from anywhere of the world.

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PRECAUTIONARY MEASURES

- During Classes, you are requested to make sure that you are in isolated room, where no noise should be there except your voice.
- Kindly Switch Off your Cell Phone during the class, because it will disturb the quorum of class.
- If you have taken the admission in the course online lonely, then ethically it is recommended and suggested that you alone in the class.
- Recording of Lectures are not allowed at your end.

This world is emerging and growing in the 21st Century very rapidly because of latest and remarkable technologies and its advancement. Due to advancement of technology, we 3D EDUCATORS offer Live Interactive class sessions

3D EDUCATORS believe on Information Technology and its systems. Now you can also avail this facility at your home.

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Get the Admission Form

Download Form

MANAGEMENT
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