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Civil CADD

Course Summary

CAD / CAE / CAM / PPM

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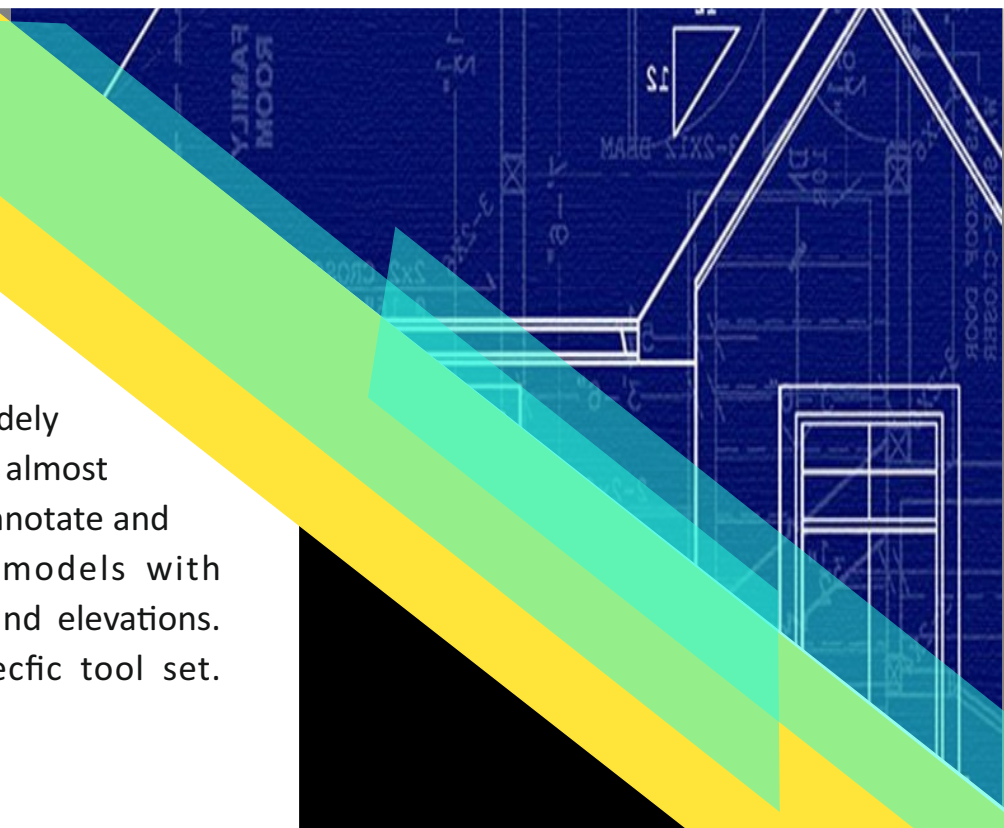

AutoCAD

Overview : AutoCAD is most widely used CAD software and is used in almost all the engineering fields, Draft, annotate and design 2d geometry and 3d models with automate floor plans, sections, and elevations. Design faster with industry-specfic tool set.

Key Contents

Introduction to AutoCAD
Getting started with unit set up and understand AutoCAD interface
Basic of 2D dimensional drawing and editing
Working using drawing tools
Quick working with modifier tools
Hatch editing in detail
Array edit in detail
Dimensioning technique
Table and table edit in detail
Layer property and layer management
Creating blocks and attributes
Properties of line – line color
line weight, line type
Parametric constraints
Geometric constrains
X- Reference
Construction drawing
Floor plan
Modelling tools and press pull
Solid editing with Boolean operation
3D – move, align, scale, mirror and rotate
Meshing operation in detail
Sectional plane, understanding coordinates
Materials, creation of material
Altering material properties
Lighting and camera
Sun and exposure properties
Shadow and background sky
Rendering in AutoCAD

Prerequisites:

Prior experience on CAD is not a prerequisite. The course is designed to get you up & running with AutoCAD quickly by teaching you the things you need to know. You need to have basic computer knowledge.

Course Objective

This course covers all fundamental skills necessary for effectively using AutoCAD and will provide a strong foundation for your career advancement . This course will teach you in detail how AutoCAD as a tool is used for drafting and designing.

Duration : 80 Hrs

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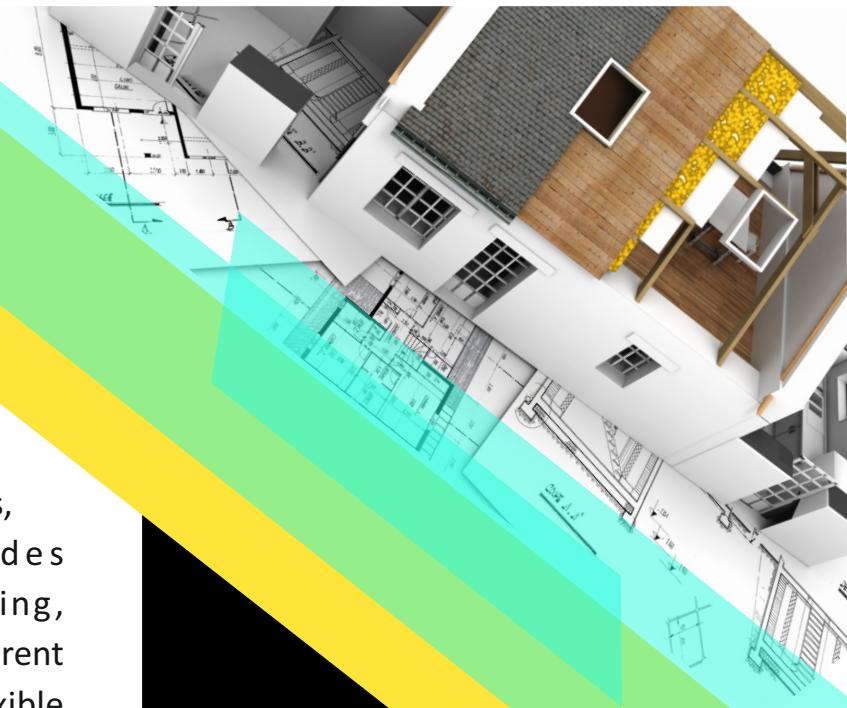

3ds Max Design

Overview : Autodesk 3ds Max, is a professional 3D computer graphics program for making 3D animations, models, games and images . Tool provides comprehensive 3D modeling, rendering, animation, and composing solutions for different industries. 3ds Max offers a rich and flexible toolset to create premium designs with full artistic control.

Key Contents

Introduction to Autodesk 3ds max
Getting started with unit set up and understand 3dsmax interface
Working using standard primitives
Working with extended primitives
Working with compound objects
Work with viewport
layout and 3ds configuration.
Basic tools-Move, copy, scale
Snap align and mirror
Creating doors and windows
AEC extent, foliage, railing and wall
Particle system and forces
Modifier in 3ds max
Basic modelling techniques
Creating Material and modification
Understanding UVW Coordinate and Mapping.
Basic understanding of animation Walk through
Editable poly, Spline modelling
Lighting and camera
Exposure control, sunlight
X- reference in 3ds max
Import and export option
Advanced rendering

Prerequisites:

Prior experience on CAD is not a prerequisite. The course is designed to get you up & running with AutoCAD quickly by teaching you the things you need to know. You need to have basic computer knowledge.

Course Objective

Certification program in 3ds Max will help students and professionals to learn and master 3ds MAX software tool. The candidates will also learn the basics of 3D modelling and texturing along with 3D rendering. The powerful course will increase the productivity and performance of the individual. The primary objective of this course is to teach students the essentials of working in 3D using an array of features and tools.

Duration : 80 Hrs

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Revit Mep Civil

Overview : Revit MEP is part of Autodesk's BIM (Building Information Modelling) software portfolio and is designed for Architectural, Mechanical, Electrical and plumbing engineers working either in isolation or as part of a BIM project. Autodesk Revit MEP is a very popular software solution that is used for designing complex building systems. Revit is a BIM complaint software, which can provide precise design, analysis and documentation for efficient building system from concept through construction. It helps in designing information-rich models throughout the building lifecycle.

Key Contents

Introduction Revit MEP
MEP Design
Work Sharing
Family Creation
Solid Modelling
Equipment
Light Fixture
Devices
HVAC Design
Heating and Cooling Load Analysis
Logical System and Duct Work
Inspect System
Electrical Design
Lighting Analysis
Power and Communication Design
Plumbing Design
Fire Protection System
Schedules

Prerequisites:

The training course introduces the fundamental skills in learning the Autodesk Revit MEP software. It is highly recommended for those having experience and knowledge in MEP engineering and its terminology.

Course Objective

The primary objective of this course is to teach learners the concepts of building information modelling and introduce the tools for parametric engineering design and documentation using Revit MEP. This course covers the basics of building information modelling and the tools for parametric MEP systems design and documentation. You will learn the fundamental features of Revit MEP and then progress through schematic design, system analysis and construction documentation before finishing with design visualization.

Duration :80 Hrs

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Staad Pro

Overview :STAAD. Pro (STAAD stands for Structural Analysis And Designing) is a 3D structural analysis and design software widely used to analyze and design structures for bridges, towers, buildings, transportation, industrial, utility structures and building structures like culverts, petrochemical plants, tunnels, bridges, piles etc. It also allows engineers to design and analyse any type of structure through its flexible modelling environment, advanced features, and fluent data collaboration. STAAD Pro is a comprehensive structural engineering software from Bentley Systems that addresses all aspects of structural engineering including model development verification, analysis, design and review of results.

Key Contents

Introduction: Staad pro
Staad pro editor
Co-ordinate systems
Global & local co-ordinate systems
Creating a new project using Staad pro
For multiple member Add beam
Creating models using structure wiz
Member offset
Material specification
Group specification
Uniform fence & moment
Creating load combination
Creating load Envelop
Concentrated load
Generating surface meshing
Steel Design as per IS.800
Auto member generation
Over head water tank Design
Slab Design: One way slab
Two way slab
Stair case design

Prerequisites:

This course is most suited for civil and structural engineering students and professionals. Learners need to have fair idea about materials being used in building construction.

Course Objective

This course will introduce one to STAAD Pro's state of the art user interface, prevailing analysis and design engines with a sophisticated finite element (FEM), visualization tools, and dynamic analysis capabilities. This course train learners with various software functionalities like model generation and editing; loading analysis; concrete designing and introduce learners on using seismology report generation and steel and foundation design features. On successful completion of the program learners can work as Structure Designers, Project Managers, Building Analysts, Quality Analysts, Bridge, Designers

Duration : 80 Hrs

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Etabs

Overview : ETABS (Extended 3D analysis of Building Systems) a product of Computers and Structures Inc. is one of the widely used engineering software in construction. It has highly efficient structure analysis and design programs developed for catering to multi-story building systems. It is loaded with an integrated system consisting of modelling tools and templates, code-based load prescriptions, analysis methods, and solution techniques. It can handle the largest and most complex building models and associated configurations. ETABS software is embedded with CAD-like drawing tools with an object-based interface and grid representation.

Key Contents

Introduction
Plane Frame Modelling
Space Frame Modelling
Load Pattern and Definition
Analysis and Analysis Reports
Concrete Frame Design and Detailing
Shear Wall design
Steel frame design
Steel connection design
Steel joist design
Flat slab design
Waffle slab design
Seismic analysis
Detailing
Steel Design and Detailing
Composite Beam Design
Introduction to Dynamic Analysis

Prerequisites:

This course is most suited for civil engineers, architects and designers, engineering students and professionals. Basic knowledge on CAD and fundamentals of structural engineering a must for all looking for this program.

Course Objective:

ETABS certification course empowers learners to generate highly efficient and cost effective design models. Basically it is a design tool to make complex calculations related to building models easier for the engineers so that they can make powerful structures quickly without making any unnecessary investments. ETABS software uses state-of-art technology, which is constantly evolving with time and this would enhance the skills and employability prospects of civil engineers and architects and empower them to grab in-demand opportunities in construction industry.

Duration : 60 Hrs

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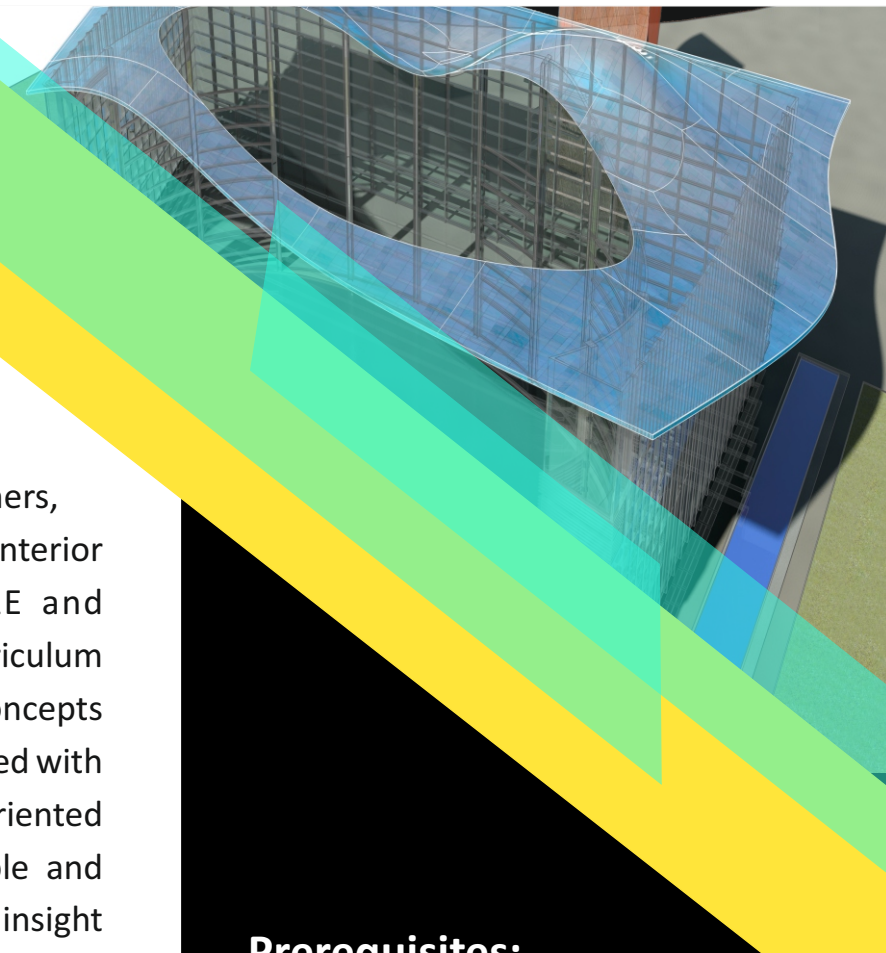

Trimble Sketchup

Overview : SketchUp is world's most popular and widely used 3D designing software majorly used by architects, designers, builders, makers and engineers in AEC, Interior Design, Landscape Architecture, M&E and Manufacturing industries. The course curriculum is organized in such a way to integrate concepts related to each topic and the same is justified with the corresponding tools and application oriented examples. This makes the learning simple and systematic and enables one to gain more insight on the various tools covered.

Key Contents

Introduction to Trimble Sketch Up
Understanding Interface
Navigation, Walking, Camera Views
Shading faces and edges
Shadow & fog, Creating Scene
Selecting & Moving, Scaling & Rotation
Drawing with Line, Line for 3D, Rectangle, Arcs
Push / Pull and offset, follow me tool.
Different types of arc in sketch up
Tape measurement tool,
dimension tool protector tool.
Orbit, pan and zoom tools
Text, 3d text, softening round edge
Guides, Sections and walk
Entity info, sun and shadow
fog Layer in sketch up
Organizing with Grouping
Components
Create Components
Window, Outliner, Hid/Unhide
Material editing, material import from external source, material rotate, scale, move etc.
Different types of styles available in sketch up
Importing the 3d models from external source

Prerequisites:

This course is designed for individuals who wish to pursue their career in the field of 3D modelling. Professionals who are already in this field can have a huge benefit with this training. SketchUp course will help them in developing and creating advanced 3d models using the tools and 3D warehouse associated with the program.

Course Objective

Build your 3D modelling skills by mastering EduCADD's certification program in SketchUp where you get exposed to SketchUp's easy-to-use 3D modelling application by gaining a foundational understanding of the drawing and design tools. You learn how to navigating the interface, manipulating objects, drawing, leveraging organizational tools, working with materials, textures and learn how to apply simple styles and animation to make your 3D projects more polished and presentable.

Duration : 40 Hrs

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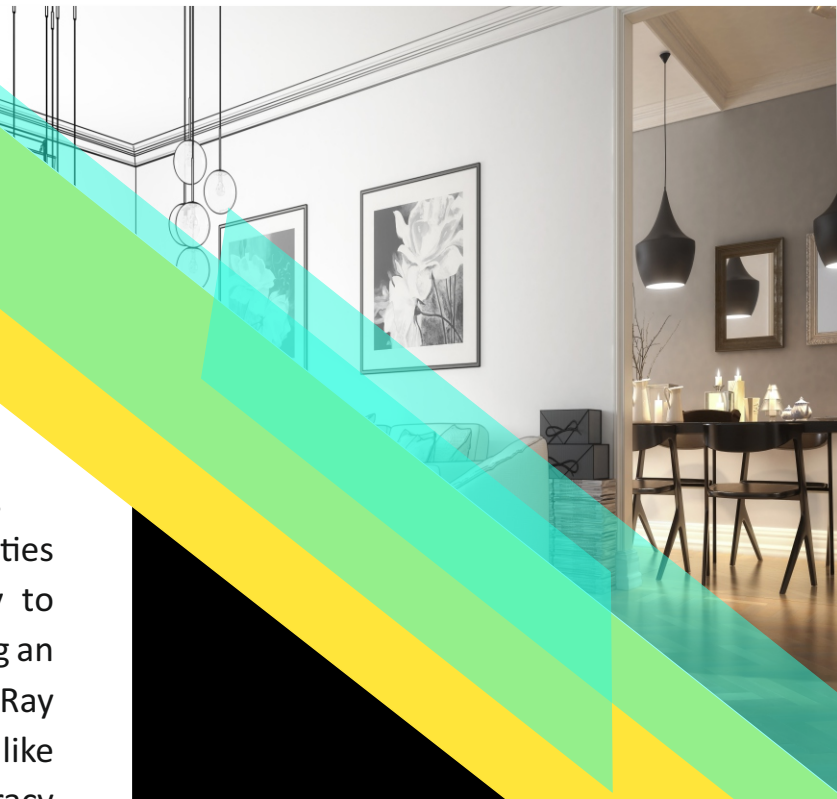

V-ray Essential

Overview : VRay is well known amongst its domain for taking the Architectural Visualization to the new heights. It consists of relational and robust capabilities along with giving speedy results and easy to handle approach. It has gained fame in availing an efficient and outstanding rendering speed. VRay shares some high end attributes for the users like lighting and shaders for having a physical accuracy in images and Global illumination; thus, gearing up the final result.

Key Contents

Getting Ready to Render with V-Ray
Installing and setting V-Ray
Critical V-Ray Concepts
Image sampling explained
Key Lighting Tools
lighting in V-Ray
Global Illumination
Understanding primary and secondary bounces
How irradiance mapping works
Using light cache
Introduction to V-Ray-specific materials
Quality Control with Image Sampling
How to use the Adaptive DMC sampler
The Physical Workflow
The physical workflow explained
Working with VRaySun and VRaySky
Controlling the VRayPhysicalCamera
V-Ray's Effects Tools
Generating caustic effects and vrayFur
3D rendering
Using Render Elements
Post-lighting a scene
batch rendering
Revit to 3ds max to vray

Prerequisites:

This course is ideal for the professionals who work as Architects, Graphic Designers, Interior Designers, and Game Developers and students having an interest in learning more about the rendering technology

Course Objectives:
The course curriculum covers the topics, namely Installing and Setting up VRay, overview of color mapping, creating a mesh light, how light cache works, creating a diffuse color and much more.

Duration : 20 Hrs

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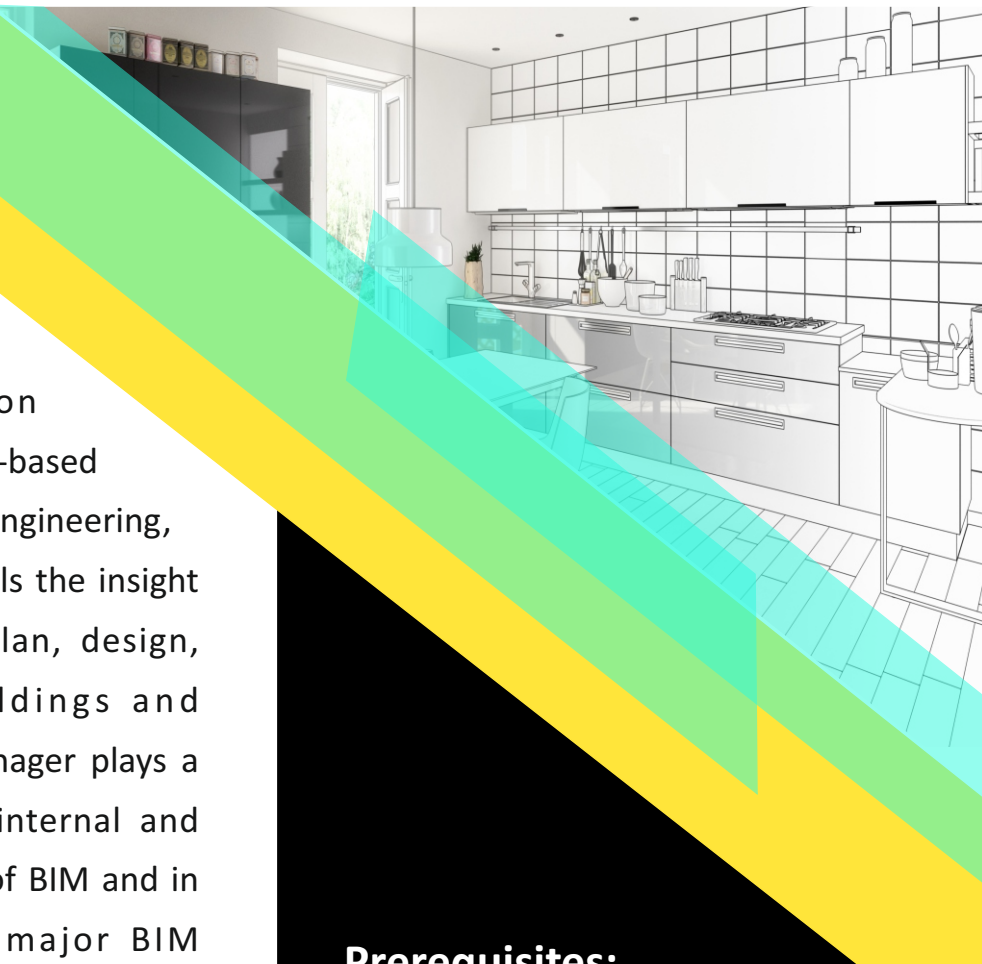

BIM 360

Overview :Building Information modelling is an intelligent 3D model-based process that gives Architectural engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure. A BIM project manager plays a crucial role in advising clients, internal and external stakeholders on benefits of BIM and in implementing and managing major BIM processes. This requires demonstration of complete knowledge of BIM process and the ability to create the project environment in which BIM can realise its full potential.

Key Contents

Bim introduction
Bim: new tools and new processes
Bim design tools and parametric modelling
Lightweight modelling applications
Interoperability
The evolution from file-based
Exchange to building
Bim for owners and facility managers
Barriers to implementing bim
Risks and common myths
Bim or architects and engineers
Building object models and libraries
Bim for contractors
Quantity takeoff and cost estimating
Bim for subcontractors and fabricators
Adopting bim in a fabrication operation
The future: building with bim.

Prerequisites:

Professionals with experience in managing projects within built environment including quantity surveyors, project managers, building surveyors, asset managers, Facilities Manager, Architects and Engineers, Cost Engineers, BOM Manager, BIM coordinator and Construction Project Managers are most suited for this program

Course Objective

EduCADD's certificate program in BIM cover entire BIM process by following a simulated BIM project through its lifecycle. Leaner will be guided through each of the major project stages from strategic definition of the project right through to handover, operations and end of use. At each stage our trainer will demonstrate how to balance technical requirements with project management skills, so you are confident in implementing BIM methodology

Duration : 40 Hrs

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Mx Road

Overview :MX Road is an excellent string-based modeling tool that enables the rapid and accurate design of all types of roads. Individuals such as civil engineers, designers, surveyors, system designers can access 3D modeling, construction driven engineering, and other analysis all in one engineering application. MX Road contributes to improving the quality of designs by combining traditional engineering workflow profile and cross sections with 3D modeling technology.

This software renders everything that one needs in transportation and civil design projects. It supports in survey and data acquisition for all types of the data field.

Key Contents

Basic Concepts and Starting a New Project
Input Survey Data and View Model Data
CAD Environment and Toolbars
Tooltips and Status Tools
Surface Checker and Editing Tools
Surface Analysis
Housekeeping
String Naming Convention
Quick Horizontal Alignment
Quick Vertical Alignment
Carriageway Design
Rule Based Superelevation
Crossfall Checker
Design of Second Road
Road Widening
Dynamic Reports
Junction Design
Kerbs, Footways, and Verges
Working with Projects

Prerequisites:

Civil engineers, who wish to learn the Road Design and Analysis Software, and the use of MXROAD for an interactive 3D modeling of roadways.

Course Objectives

This course of MX Road aims to help you excel various features of the software, such as Interoperable Database that means creation and annotation of 3D project models. It will also help you to learn digital terrain model creation and integration with Google Earth.

Design 2D and 3D drainage design
Visualize information-rich model with mapping, Building horizontal and vertical alignments, Automate production of contract drawings
Design storm drainage, water, and sewer system, Pavement and subgrade design Road and junction design

Duration : 60 Hrs

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Quantity Take Off

Overview : Quantity take-offs (QTO) are detailed measurement of materials and labour needed to complete construction project. They are developed by an estimator during the pre-construction phase. This process includes breaking the project down into smaller and more manageable units that are easier to measure or estimate. The level of detail required for measurement may vary. Estimation and costing is an essential part of building construction and accurately forecasting the cost of projects is a very important skill in demand today technology has changed the quantity takeoff method, and today advanced processes like BIM raised the technology bar with more complicated systems which has significantly increased estimation accuracy.

Key Contents

Getting Started with Quantity Takeoff (QTO)
QTO Interface Part 2
Understanding 2D Takeoff
Completing a 2D Takeoff
Takeoff Palette Explored
Understanding the Workbook
Reporting and Exporting
Exporting 3D to DWF
Basic 3D Model Takeoff
Using the Model Tab
2D/3D Takeoff Workflow
Catalogs
Cost Data within QTO
Item Assignment
Bookmarks in QTO
Advanced QTO of Enumerated Data Type

Prerequisites:

Estimation and costing is an essential part of building construction and accurate forecasting the cost of future projects is an important skill for civil engineers and cost estimators. This course is designed for individuals who wish to pursue their career in their field, Cost estimation. Skilled QTO professionals are in high demand with construction industry. This course is most suited for civil engineers.

Course Objectives:

EduCADD's Quantity take off course will train learners on creating synchronized, comprehensive project views that merge significant information from building information modeling (BIM) tools such as Revit® Architecture, Revit® Structure, and Revit® MEP software along with geometries, images, and data from other tools. Course also teach how to calculate areas and counting of building components automatically or manually and exporting to Microsoft Excel, and publishing to DWF™ format.

Duration : 60 Hrs

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Revit Structure

Overview :Revit Structure is Autodesk's BIM software solution for structural engineers, that provides a feature rich tool set helping to drive efficient design processes in BIM (Building Information Modelling) environment or when working with other construction discipline using CAD Software, With Revit Structure you can create detailed 3D models for concrete RCC, steel and wooden structures. These models provide in-depth information regarding a structural foundation, beams, columns, pillars, etc.

Key Contents

Introduction to Autodesk Revit Structure
Basic Concepts and Principles
Building Information Modelling &Revit Structure,
Getting Started with a Structural Project
Snaps Tool, Opening,
Saving and Closing a Project
Options Dialog Box
Setting up a Structural Project
Using Levels, Using Grids
Working with Reference Planes
Structural Columns, Walls, Foundations
Beams, Floors and Open Web Joists
Rotating, Mirroring and Arraying
Additional Editing Tools, Creating Groups
Documenting Models and Creating Families
Standard Views, Details, and Schedules
3D Views, Sheets, Analysis,
Reinforcements and Massing
Creating Building Elements from Massing geometry

Prerequisites:

Candidates with good knowledge in AutoCAD and with an exposure to construction sites. This course is designed to get you up & running with Revit Structure by teaching you the things you need to know as a structural engineer.

Course Objective

After completion of this course, learners and professionals can apply for job roles such as structural draftsmen, structural detailers and structural modellers. This course involves creating a 3D structural model using hands-on exercises to represent real-world situations for structural design projects. Learning Revit Structure helps structural engineers develop a physical and analytical model of a building structure. This model is utilised to create construction documentation, shop drawings and fabrication drawings.

Duration : 80 Hrs

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Revit Architecture

Overview : Revit- a very popular product from Autodesk is a design software used by architects, engineers and interior designers to draw, map and create construction documents and rendered images and also collaborate with other design teams. Architects use Revit to design homes, commercial buildings, landscapes and Interior designers use it to design 3D layouts that include both geometric and non-geometric information. Civil and mechanical engineers also use Revit to design bridges, roads, tunnels and other structures with specific instructions. The advantage of creating a building design model with Revit Architecture is that each design model can be stored in a single database file in a digital format.

Key Contents

Introduction to Revit Architecture
Building Information Modeling
Starting a Project
Project Settings
Modeling Basics
Wall,Door, Components, Windows, Roof
Floor and Slab
Railing , Ramp, Stair
Linking Revit and CAD File
Import CAD / Decal
Room Areas and Openings
Annotation Details
Dimensions /Detail
View and Sheet Composition
Walkthrough and Render
Massing & Site
The Basics of Family
Extrusion, Blend, Revolve
Sweep and Blend Sweep

Prerequisites:

Revit Architecture training course is suitable for architects, civil/Arch engineering students & professionals, interior designers and AutoCAD draftsmen pursuing Revit BIM jobs. Working knowledge on architectural design, drafting and other engineering experience are recommended.

Course Objective:
Revit Architecture course empower you with the powerful features of Revit. Course aims to make participants more productive by giving them the ability to produce drawings and redefine images of buildings and help navigate user interface, architectural objects such as floor, walls, roofs, windows, and stairs. This course will assist in the creation of schematic design through construction documentation. After completing this course students and professionals can work with BIM technology and look for designations such as Revit technicians (Architecture) or Revit BIM modellers and Interior BIM professionals.

Duration : 80 Hrs

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Additive Manufacturing

Overview : 3D printing is the processes by which the object is created to 3D shaped object with a digital file. 3D printing is used in both rapid prototyping and additive manufacturing. 3D Printing has the potential to revolutionise the way we create physical objects. The technology is making headway into a number of industries and is the future of prototyping. EduCADD envisions this technology to be at the core of school and higher education and an enabler of innovation. The evolution of 3D printing has seen a rapid growth in the number of companies adopting the technology. The applications and use vary across industries, but broadly include tooling aids. Today 3D printing is widely used in aerospace, Automotive, Medical and Dental, Consumer goods, Industrial goods and the list is growing day by day.

Key Contents

Introduction of 3D
Evolution of 3D
About Additive Manufacturing
CAD File formats for 3D print
Stereo lithography files
Various Printing technologies (SLA, SLS, FDM, Poly jet printing, color jet printing, SHS,SLM,LOM, Multi jet Printing, DLP)
FDM in details
Preparation of print ready file using Plasto 200
Operating Plasto 200- Live Demonstration
STL principles
Object Placement
Print settings
Material properties
Manual Controls
Supports
Project

Prerequisites:

This course is suitable for beginner with good knowledge on CAD/CAM and for aspiring professionals with little or no experience. Also it is highly recommended for anyone who has a passion for a career in designing or production.

Course Objective

The objective of this course is to make learners understand Additive Manufacturing/3D Printing Technology, Trends, Applications, Opportunities & Design tools used for this breakthrough technology. Course covers the process of Additive Manufacturing (AM) and its applications, Learning & Practising on designing Tools and understanding the basic and advanced settings. You also learn about design Thinking and understanding the importance of Design Thinking in Prototyping. Program covers a hands on project with 3D printer, its settings, operations, installation and basic trouble shooting. By the end of the course leaner will have good understanding of process of prototyping from design to printing.

Duration : 30 Hrs

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Microsoft Project with ppm concepts

Overview: Project Planning & Management comprises of various courses, which includes industry specific Management software that are used by Civil, Mechanical Engineers or Architects for accomplishing preliminary tasks like initiating, planning, executing, monitoring, controlling and completing the projects within the estimates of schedule, budget and resources. Project Planning and Management (PPM) is a common management course for all engineering, management or information technology fields.

Key Contents

Project Management Framework
Organization Structure & Project Lifecycle
Project Initiation
Project Planning- 1
Project Planning- 2
Project Execution
Monitoring And Controlling Process Group
Control Risk
Control Procurement
Control Stakeholders Engagement
Closing Process Group
PLC layout
Introduction
Calendar
Task And Its Relationship
Work Breakdown Structure
Constraints & Recurring Task
Define And Assign Resources
Resource Analysis & Leveling
Tracking
Earned Value Analysis
Filters & Groups
Multiple Projects
Customization & Formatting Reports

Prerequisites:

The ideal audience for this course include Structural and Project Engineers,Higher-level, more hands-off positions such as project management provide engineers with the opportunity to continue working directly on engineering projects while gaining new skills and, most importantly, offering you the chance to move up in your field.

Course Objectives: Learn how to prioritize, plan, manage, and execute projects, programs, and portfolios, including how to manage capital projects and facilities. offers courses in various combinations and as a stand-alone basis for different software in Project Planning & Management.
These courses make a clear picture of the industry standard concepts of project management and also provide hands on experience in handling powerful project management tools.

Duration : 60 Hrs

Courseware Issued

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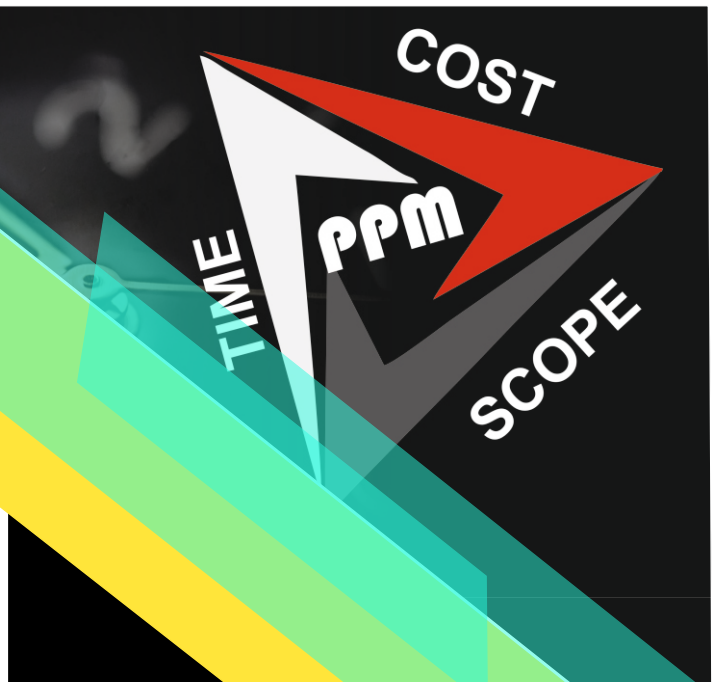

Oracle Primavera

Overview: Project Planning & Management comprises of various courses which includes industry specific Management software that are used by Civil, Mechanical Engineers or Architects for accomplishing preliminary tasks like initiating, planning, executing, monitoring & controlling and completing the projects within the estimates of schedule, budget and resources. Project Planning and Management (PPM) is a common management course for all engineering, management or information technology fields.

Key Contents

Introduction to Primavera®
Creating EPS and OBS
Work Breakdown Structure
Budgeting
Adding Activities
Relationship
Resource and Roles
Assigning Resource and Leveling
Baseline
Scheduling
Thresholds, Issues, Risk
Report Setup
Creating Project Website
Export and Import

Prerequisites:

The ideal audience for this course include Structural and Project Engineers,Higher-level, more hands-off positions such as project management provide engineers with the opportunity to continue working directly on engineering projects while gaining new skills and, most importantly, offering you the chance to move up in your field.

Course Objectives: Learn how to prioritize, plan, manage, and execute projects, programs, and portfolios, including how to manage capital projects and facilities. offers courses in various combinations and as a stand-alone basis for different software in Project Planning & Management.
These courses make a clear picture of the industry standard concepts of project management and also provide hands on experience in handling powerful project management tools.

Duration : 60 Hrs

Courseware Issued

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Skill Development
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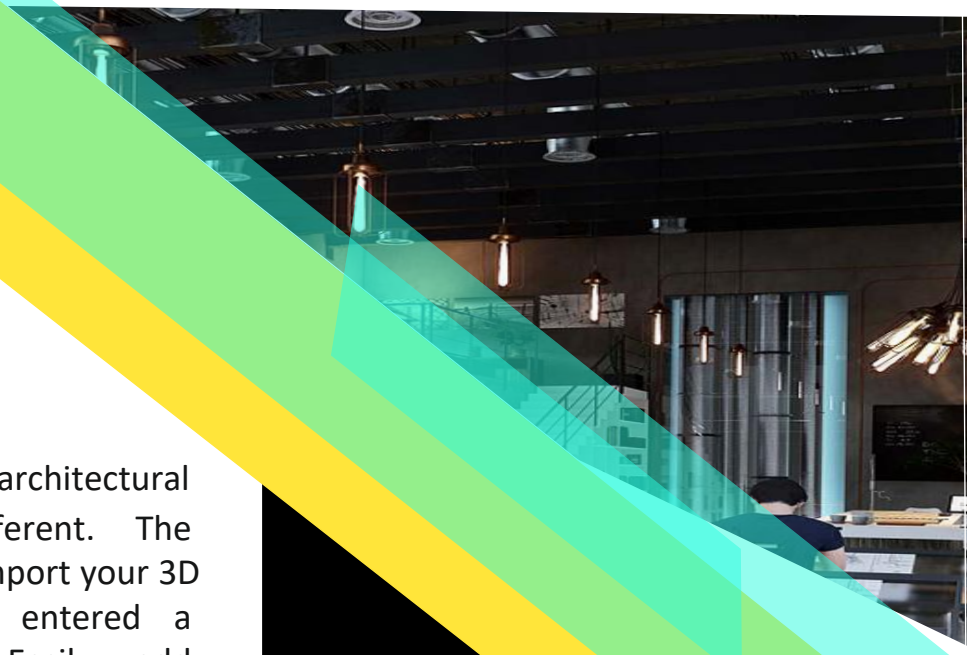
Training Since 1999



Lumion

Lumion is not your typical architectural visualization software. It's different. The moment you turn on Lumion and import your 3D model, you'll feel like you've entered a delightful, easy-to-control world. Easily add context, detail and atmosphere to your project and enjoy a simpler workflow.

With Lumion you can turn any design into an experience others can see and feel.

Key Contents

Introduction

Creating A Project

Creating A Residential Project

Creating Mountains and Adjusting Terrain Heights

Adjusting Elevation

Creating Lakes and Rivers

Assigning Exterior Materials to A Residence

Adding People To A Residential Scene

Adding Trees And Buildings to the Site Creating

Realistic Grass

Adjusting The Sun and Clouds-Adding Depth

Placing Interior Objects

Changing Interior Finishers

Creating Fire

Adding Fog and Rain Effects

Creating A Solar Study

Creating a Movie with A Logo Or text Advanced

Prerequisites:

Lumion Pro, there's no limit to how you can show your exterior, interior,landscape or urban designs.

In just a few simple clicks, you can visualize at any scale, convey your unique design style and add breath-taking atmosphere to every project. No matter your experience with rendering, you can achieve incredible results, incredibly fast.

Course Objectives: In this course, you will learn how to start Lumion projects, add environment, add cameras, set global and direct illuminations, populate your scenes with people, trees, cars, and other elements, create terrains, and produce animations.

Duration : 60 Hrs

Courseware Issued

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Professional in Civil CADD

This Course is a combination of 2 most commonly used in Civil and Architectural industries like 3ds max, Revit Architecture, MEP, Staadpro, Etabs, Sketchup, Vray, Bim, Quality Takeoff, Project management & AutoCAD ,which have the tools to make any kind of professional designs in 2D and 3D and representations of construction and various building functions. Software's has the ability to design, measure, analyze and visualize in a real-time working environment so that you can create the best architectural designs for commercial and residential projects, helps a lot in getting a job in construction industries, interior, exterior designing.

This Course is an integrated set of professional-grade applications designed for Civil and architectural Engineering students, comprehensive bundle of CAD tools/software involving advanced features which includes 2 courses with 160+ hours of classroom training and Lifetime Support.

you get Industry recognised certificates for each course with a unique verifiable link. These link can be included in your resume/Linkedin profile to showcase your design skills

GET COURSE COUNSELLING TODAY

Get a 1-on-1 demo to understand what is included in the course and how it can benefit you from our counsellor. The demo session will help you to understand the different skills you will learn and employability options available to a student upon completion of this training program, which will help you to enroll this course with a clear vision and confidence.

Prerequisites:

This course is most suited for Civil/ Architectural engineers, designing working professionals , or students pursuing career in Architectural /Civil or interior architecture and anyone looking for a career in Design & Construction industries

Course Objectives:

Students who are interested in learning designing skills mentioned in the curriculum can start the Design Course for Civil and Architectural industries to upskill and understand professional designing . By learning this course professionals add value to their work and increase job opportunity in the Civil and Construction industry

Duration : 160 Hrs

Courseware Issued

www.educadd.co.in

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N·S·D·C National Skill Development Corporation

Training Since 1999

Master in Civil CADD

The course coverage is comprehensive bundle of CAD tools/software involving advanced features which includes 3 or more courses of intensive classroom training exceeding 280 hours and Lifetime Support. Upon completion of the course, students will gain expertise in their fields and take responsibility for delivering entire civil projects.

This Expert level course equip students with an entire spectrum of CAD skills using multiple CAD software, cutting across a wide range of popular CAD product suites. Students are trained to meet the immediate job requirements involved in various building and construction functions.

Students of MCADD are trained to work on Architectural designs for commercial and residential layouts. The same designs can be used for piping, HVAC Ducts and electrical channels within the models.

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Duration : 280 Hrs

Courseware Issued

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