SKILLS
that can get your
engineering career
growing

Super specialization
is the need of the hour.

Niche skills are increasingly in demand and engineers who empower themselves with in-demand tech skills can go a long way in their career.

CADD Centre offers you a range of technical skill course for different streams of engineering. Each course is constantly updated to meet current industry trends and requirements. Our goal is to ensure that you find a job that you enjoy and get going in your career!

MECHANICAL CADD

Suitable for:
Mechanical / Automation / Automobile / Oil & Gas / Production
Aeronautical / Plant & Maintenance Engineering field

AutoCAD for Mechanical Engineers

AUTODESK®
AUTOCAD®

Duration
60 Hours

Courseware Issued
AutoCAD for Mechanical Engineers
Reference Guide

- Introduction to engineering drawings and AutoCAD
- Drafting basic geometry shapes in AutoCAD
- Modifying drawings in AutoCAD
- Layer management
- Hatching and gradient technics
- Isometric drawings
- Dimensioning and Tolerancing
- Parametric drawing
- Blocks and attributes
- External reference (Xref) concepts
- Object linking and embedding (ole) concepts
- Plot and publish
- 3D modeling
- Advanced drafting using AutoCAD Mechanical
- Mechanical features drawing
- Drafting assemblies
- Tutorials and projects

Course on 2D Drafting

AUTODESK® AUTOCAD®

ZWCAD

Duration
60 Hours

Courseware Issued
- AutoCAD 2D for Mechanical Engineers
  Reference Guide
- ZWCAD

- Introduction to engineering drawings and AutoCAD
- Drafting basic geometry shapes in AutoCAD
- Modifying drawings in AutoCAD
- Layer management
- Hatching and gradient technics
- Dimensioning and Tolerancing
- Parametric drawing
- Blocks and attributes
- Xref, OLE concepts
- Plot and publish
- Tutorials and projects
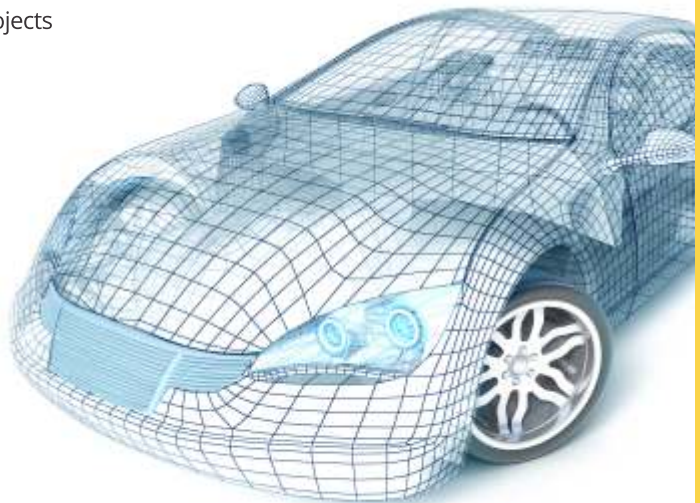
Geometric Dimensioning & Tolerancing

Duration
16 Hours

Courseware Issued
GD & T Reference Guide

- Dimensions and drawings
- Tolerance dimensioning
- Ways of expressing tolerance
- IT grades
- Introduction to "ASME Y14.5M-1994"
- GD & T rules
- Maximum Material Condition of a feature of size
- Least Material Condition of a feature of size
- Concept of virtual condition
- Concept of bonus tolerance
- Planar datums
- Modifiers and symbols
- Tolerance types
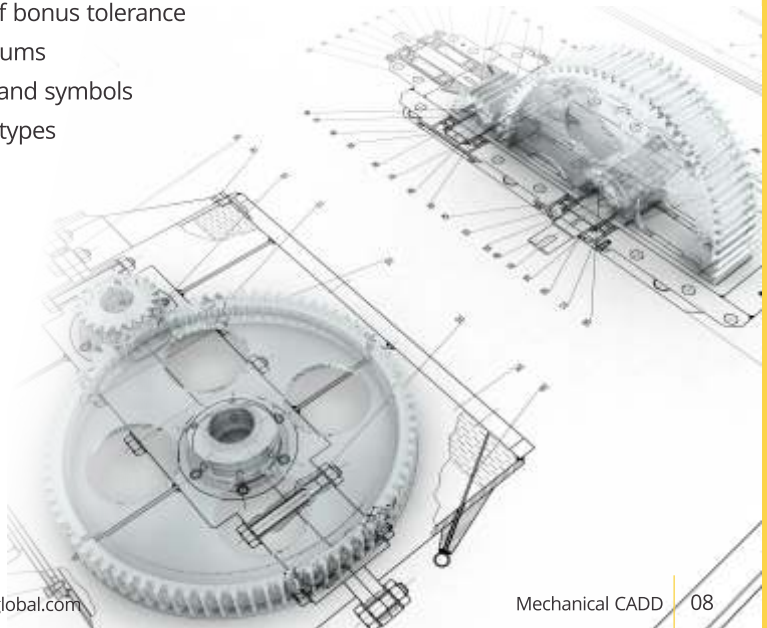
Creo / Parametric

creo®

Duration
48 Hours

Courseware Issued
Creo/Parametric Reference Guide
with Workbook

- Creo/Parametric concepts
- Creating sketcher geometry
- Creating extrudes, revolves, and ribs
- Selecting and editing
- Creating datum features
- Creating sweeps and blends
- Creating holes and shells
- Creating rounds, chamfers and drafts
- Variable section sweeps, helical sweeps and swept blends
- Layers, family tables & UDF
- Assembling with constraints
- Exploding assemblies
- Creating surface features
- Creating drawing views
- Creating drawing details

- Using advanced assembly constraints
- Creating and using component interfaces
- Creating and using flexible components
- Using assembly features and shrinkwrap
- Replacing components in an assembly
- Understanding simplified Reps
- Creating cross-sections display styles, and combined views
- Creating skeletons
- Sheet metal design

CATIA

Duration
60 Hours

Courseware Issued
CATIA Reference Guide
with Workbook

- CATIA user interface
- Creating and editing sketches
- Creating sketch based features
- Creating transformation features
- Creating dress up features
- Creating advanced replication tools
- Assembly design
- Editing parts in assembly
- Creating surface features
- Generative sheet metal design
- Drawing view generation
- Bill of materials, balloons
- Finalizing the drawing and printing
- Dress up on 2D Views
- Real time rendering

CATIA Kinematics

Duration
24 Hours

Courseware Issued
CATIA Kinematics Reference Guide

- Kinematics Overview
- Graphic User Interface of CATIA Kinematics
- Basic mechanism process
- Creating Joints
- Motion Transfer Joints
- Rotating Joints
- Complex Joints
- Converting Constraints into Joints
- Generating Mechanisms
- Simulating Mechanisms
- Evaluating Mechanisms
- Swept Volume

Reverse Engineering
using CATIA

$\cancel{3}$S CATIA

Duration
40 Hours

Courseware Issued
Reverse Engineering
Reference Guide

- Reverse Engineering (Using CATIA)
- Process in Reverse Engineering
- Reverse Engineering Hardware and Software
- Getting Started
- Processing the point cloud data
- Importing cloud data
- Creating and editing scans
- Curve creation
- Creating surfaces from curves (QSR)
- Completing the surfaces with GSD

SolidWorks

Duration
40 Hours

Courseware Issued
SolidWorks Reference Guide

- Sketcher basics
- 3D sketching
- Part modeling
- Creating reference geometries
- Editing features
- Advanced modeling tools
- Configuration
- Design table/library features
- Import/export of files
- Surface modeling

- Bottom-up assembly design
- Top-down assembly design
- Exploding assemblies
- Simulation/ Detailing
- BOM, balloon tools
- Sheet metal design
- Weldment design
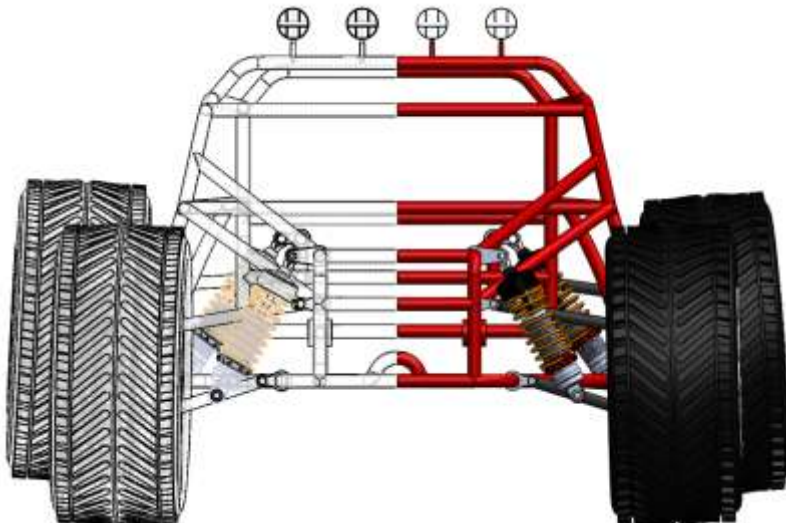
SolidWorks Motion

Duration
40 Hours

Courseware Issued
SolidWorks Motion
Reference Guide

- Types of Motion Studies
- Particle dynamics
- SolidWorks Motion Capabilities
- SolidWorks Motion Entities
- Animation and Basic Motion
- Motion Simulation
- Using SolidWorks Motion for solving Particle Dynamics problems
- Using SolidWorks Motion for Solving Multi body Dynamics with examples
- Results Plots and Verification

Autodesk Inventor

AUTODESK®
INVENTOR®

Duration
60 Hours

Courseware Issued
Inventor Reference Guide

- Autodesk Inventor User Interface
- 2D sketching
- 3D sketching
- Parametric Part Modeling
- Editing Features
- Advanced Modeling Tools
- Creating I- Part, I- Features, I-Logic
- Assembly Design
- Bottom –Up Assembly
- Top- Down Assembly
- Creating Adaptive, Flexible components
- Creating Presentation File
- Understanding Simplified Assemblies
- Using Shrinkwrap
- Creating Skeleton Modeling
- Sheet metal Design
- Surface Modeling
- Drafting & Detailing
- Freeform Modeling
- Inventor Studio

NX CAD

SIEMENS

Duration
60 Hours

Courseware Issued
NX CAD Reference Guide

- User interface
- Sketcher essentials
- Constraining sketches
- Datums
- Creating part features
- Editing parts
- Creating fundamental curves
- Editing curves
- Editing freeform features
- Basic assembly concepts
- Creating assemblies
- Positioning assembly components
- Assembly revisions and component replacements

- Assembly sequencing
- Assemblies - clearance and analysis
- Deformable components
- Part families
- Introduction to drafting
- Drawings and views
- Creating dimensions, notes and labels
- Plotting drawings

NX CAM

SIEMENS
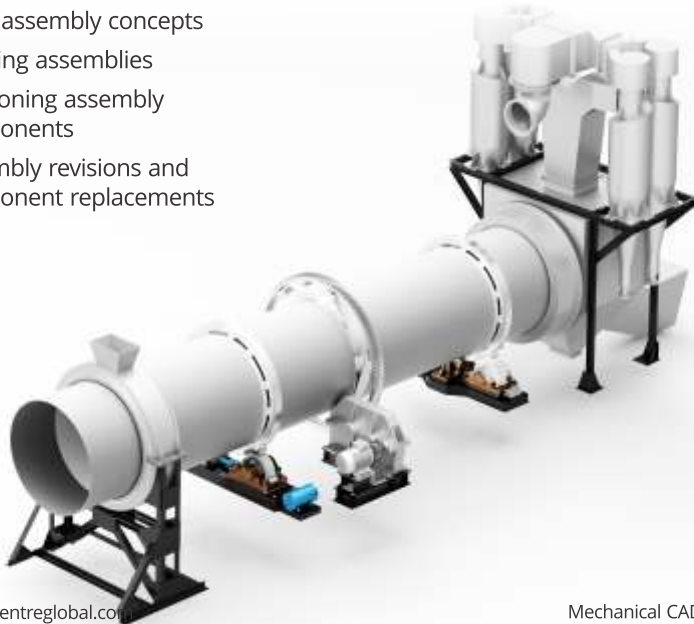
Duration
40 Hours

Courseware Issued
NX CAM Reference Guide

- ·The operation navigator
- Manufacturing operations and post processing
- Wizards and shop documentation
- Planar milling -introduction and profiling
- Engrave text
- Face milling
- Cavity milling
- Z-level milling
- Thread milling
- Area milling.
- Radial cutting
- Surface area cutting
- Engraving
- Contour profiling
- Common parameters
- Rough and finish turning
- Centerline drilling
- Groove and thread operations
- Multiple spindles and IPW
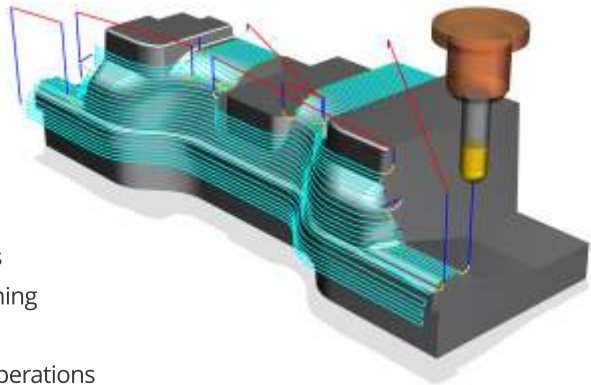
NX Nastran

SIEMENS

Duration
80 Hours

Courseware Issued
NX Nastran Reference Guide

- Finite element analysis
- NX Nastran overview
- Geometry abstraction
- Geometry idealization
- Specifying materials
- Meshing the geometry
- Model checking process
- Defining boundary conditions
- Solving the FE model
- Post-processing the solution
- Generating reports
- Import and export of model data
- Applying contact and gluing conditions
- Linear static analysis
- Modal analysis
- Buckling analysis
- Response analysis
- Thermal analysis
- Nonlinear static analysis
- Assembly FEM
- Optimization study
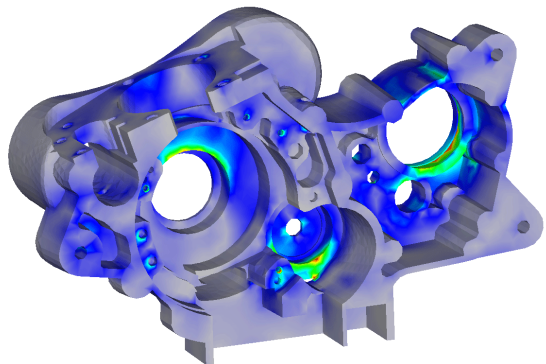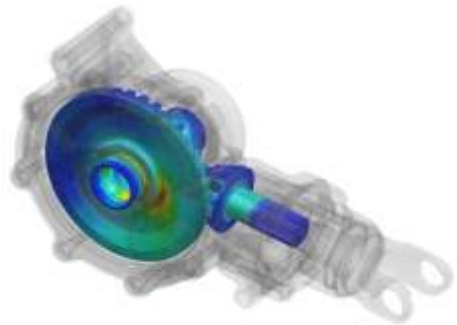
Ansys Workbench

ANSYS®

Duration
60 Hours

Courseware Issued
ANSYS Workbench
Reference Guide

- Introduction to CAE
- General Procedure involved in FEA
- GUI of ANSYS Workbench
- Working on a Project
- CAD modeling using ANSYS Workbench
- Defining and Assigning Materials
- Generating the mesh
- Optimizing the model to refine mesh

- Working with different boundary conditions
- Surface and Line Models
- Static Structural analysis
- Model analysis
- Buckling analysis
- Thermal analysis
- Coupled Field (Thermal Stress)
- Post Processing
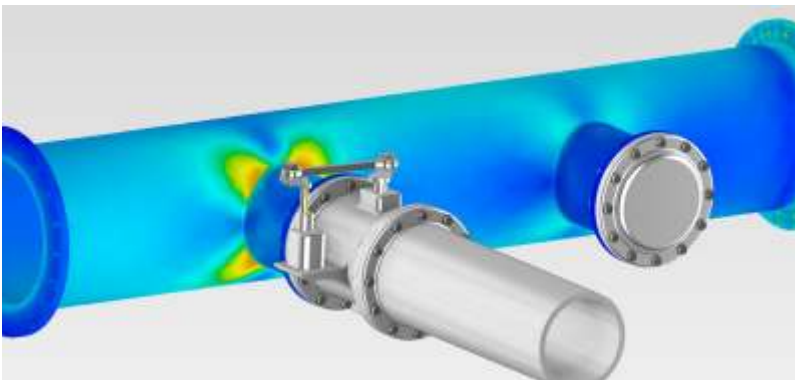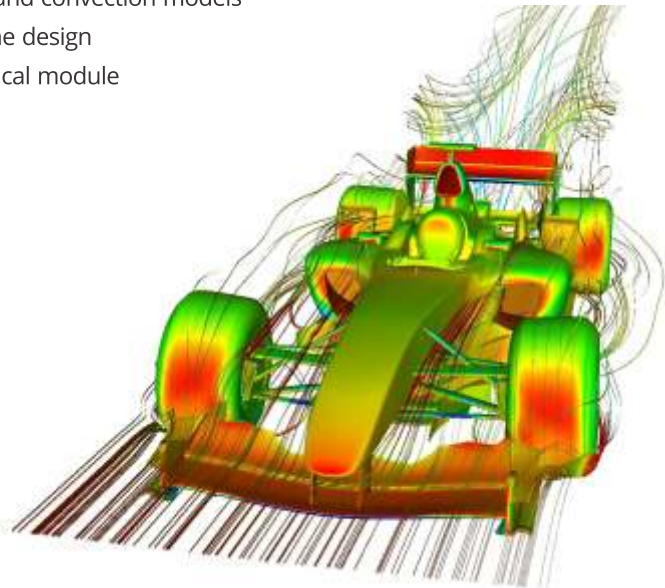
Ansys Fluent

ANSYS®

Duration
48 Hours

Courseware Issued
ANSYS Fluent Reference Guide

- Basics of CFD
- CFD simulation setup
- CFD meshing
- Flow mixing
- Heat Transfer
- Transonic Flow - Airfoil
- Multiple Species
- Turbulence Modeling
- Radiation and convection models
- Plane frame design
- Geo technical module
- Siphoning

HyperMesh

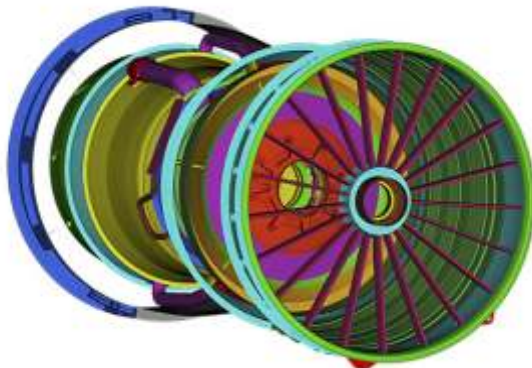**Duration**
40 Hours

Courseware Issued
HyperMesh Reference Guide

- Introduction to FEM
- Brief on Meshing
- Basic interaction with HyperMesh
- Preparing geometry for meshing
- Shell meshing
- Tetra meshing
- Mesh quality check
- Shrinkwrap mesh
- Assemblies: welding and swapping parts
- Analysis Setup
- HyperMesh Solver Interfaces
- Post process setup
- Review, Test and Project Discussion

3D Printing

Duration
60 Hours

Courseware Issued
3D Printing Reference Guide

- Introduction of 3D Printing
- Evolution of 3D Printing
- 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 detail
- 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

NDT (QA/QC)

Duration
96 Hours

Courseware Issued
Non Destructive Testing
(NDT) Reference Guide

Radiographic testing
- Basic principle, Radiographic testing technique.
- Radiation safety

Magnetic particle testing
- Basic principles
- Codes, standards, specifications and procedures
(mt)
- Presentation and recording of results (mt)

Ultrasonic testing
- Basic principles
- Characteristics of wave propagation
- Measurement and calibration techniques

Liquid penetrant testing
- General description
- Steps of liquid penetrant testing
- Flaws under tensile or no loading than
  flaws under compression loading

Visual testing
- Visually inspecting a weld
- Examination requirements
- Weld discontinuities

PDMS

Duration
80 Hours

Courseware Issued
PDMS

- Getting started - PDMS
- Equipment modeling
- PIPE WORK
- Creating pipe
- Modifying the pipe
- Positioning the pipe
- Orienting the pipes
- Connecting the elements
- Structure beams and columns
- Structure - panels and plates
- Structure - walls and roof
- Structure - ASL modeler
- HVAC
- Cable trays
- Draft manager
- Iso-generation
- Spooler
- Report generation

Piping and Welding (QA/QC)

Duration
24 Hours

Courseware Issued
Piping and Welding
Reference Guide

Piping & Standards
- Types of pipes based on manufacturing process
- Valve selection& Standards
- Piping drawings
- Process and instrumentation drawing
- Pipe support
- Loads on piping system

Welding
- Classification
- Welding with or without filler material
- Source of energy for welding
- Types of joints
- Weld symbols , Weld defects

ASME ix brief introduction
- Introduction
- WPS, PQR, SWPS, WPQR
- Acceptance standards
- PQR/ WPQR testing
- Weld inspection and testing

HVAC Design

Duration
80 Hours

Courseware Issued
HVAC Reference Guide

- Introduction to Heating ventilation and Air conditioning, Psychrometric Chart
- Refrigeration Cycle, Types of AC system
- Cooling and Heating load calculation
- General heat load calculation, Duct Designing
- Air Terminals, Toilet Ventilation
- Kitchen hood ventilation, Car parking ventilation
- Tunnel Ventilation, Stairwell Pressurization
- Chillers/DX system
- Cooling towers, Coil selection, VRF system, District cooling
- Air Curtains, ESP, Heating system
- Drafting using AutoCAD
- Kitchen Hood, Toilet ducting, AHU, examples on car parking plans, Duct sizing in AutoCAD.

ARCHITECTURE, ENGINEERING AND CONSTRUCTION CADD

Suitable for:
Civil / Architectural / Interior Design / Spatial Design / Environmental / Roads
Transportation / Structural / AEC / Plumbing & Waterworks Engineering fields

AEC CADD - Modeling

AutoCAD for Architects and Civil Engineers
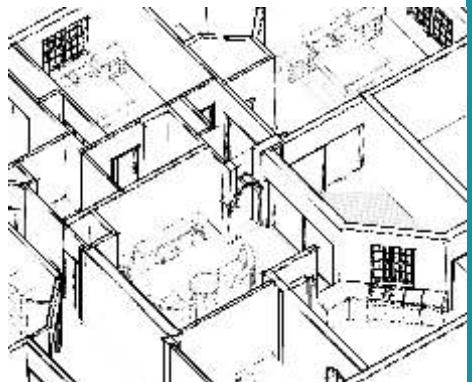
AUTODESK®
AUTOCAD®

Duration
60 Hours

Courseware Issued
AutoCAD for Architects and
Civil Engineers Reference Guide

- Drafting basic geometry
- Layer management
- Hatching and gradient technics
- Isometric drawings
- Dimensioning
- Parametric drawing
- Blocks and attributes
- Modifying drawings in AutoCAD
- External reference (Xref) concepts
- Object linking and embedding (OLE) concepts
- Layout management
- Plot and publish
- 3D modeling concepts in AutoCAD
- Introduction to AutoCAD Architecture
- Advanced drafting using AutoCAD Architecture
- AEC objects
- Tutorials and projects

Course on 2D Drafting

AUTODESK® AUTOCAD®

ZWCAD

Duration
60 Hours

Courseware Issued
- AutoCAD 2D for Architects and
  Civil Engineers Reference Guide
- ZWCAD

- Introduction to engineering drawings and AutoCAD
- Drafting basic geometry shapes in AutoCAD
- Modifying drawings in AutoCAD
- Layer management
- Hatching and gradient technics
- Dimensioning and Tolerancing
- Parametric drawing
- Blocks and attributes
- Xref, OLE concepts
- Plot and publish
- Tutorials and projects

Microstation

Duration
60 Hours

Courseware Issued
MicroStation Reference Guide

- Introduction
- Understating the interface
- MicroStation workflow
- Working with views
- Creating and modifying elements
- Annotation tools
- Dimensioning
- Working with levels
- Working with references
- Printing methods

ARES Commander

ARES® Commander

Duration
24 Hours

Courseware Issued
ARES Commander
Reference Guide

- User Interface
- Drafting Options
- File Management
- Draw Entities
- Modify Entities
- Annotation & Dimensions
- Reference Manager
- Sheet, model work space
- Model workspace
- Page Layout manager
- Attach Image, PDF
- Attach Drawing
- Export, Pack and Go

SketchUp

SketchUp

Duration
40 Hours

Courseware Issued
SketchUp Reference Guide

- Templates
- Inference: Concept, Inference Locking
- Pushing and Pulling Shapes into 3D
- Building models as a Block
- Building models using Components
- Building models from DWG
- Building models using Match Photo
- Modeling with accuracy tools
- Modeling with static & dynamic components
- Component attributes
- Presenting your model
- Camera, section, scenes, styles, layers, materials
- SketchUp layout

Revit Architecture

AUTODESK REVIT

Duration
60 Hours

Courseware Issued
Revit Architecture
Reference Guide

- Introduction to BIM & Revit Architecture
- Place and modify Walls & Complex Walls
- Add and modify Wall Profiles
- Place Doors, Windows & Components
- Dimensions and Constraints
- Create Floors and Ceilings
- Curtain Walls & Stairs
- Conceptual Models
- Annotation & Schedules
- Sheets and Title Blocks
- Views, Camera, Walk-through, Render & Solar Study
- In-Place Families
- Family Creation
- Site Design
- Link Projects & Collaboration
- Design Phase
- Realistic Presentations
- Import & Export
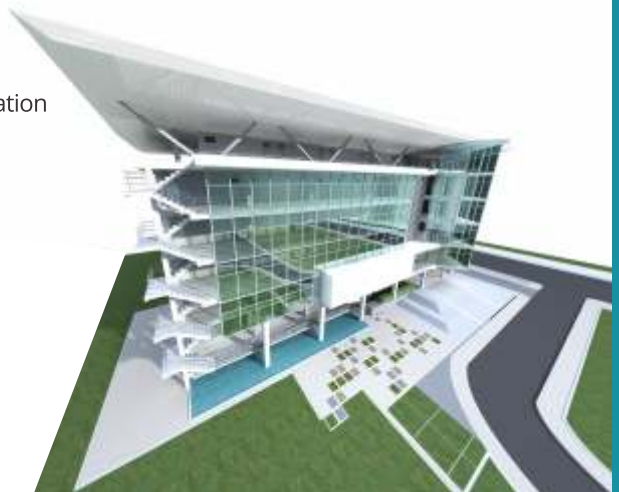
Bentley AECOsim Building Designer

Duration
80 Hours

Courseware Issued
AECOsim Building Designer
Reference Guide

- AECOsim User Interface
- Different Modules in AECOsim Building Designer
- Working with AECOsim Architectural Building Designer
- Federated Models of the Project
- Creating UCF and PCF
- Configuring grids and floors
- Drafting and Modifying Tools
- Creating an Architecture Model
- Creating dynamic views of the model
- Part & Families
- Drawing templates
- Working with content libraries
- Importing and exporting models
- Rendering

Max for
Engineers / Architects

**AUTODESK®
3DS MAX®**

Duration
60 Hours

Courseware Issued
Max for Engineers / Architects
Reference Guide

- Introduction to 3ds Max
- Modeling using basic primitives
- Transforming objects
- Customizing working units
- Arranging objects using utility tools
- Modeling using parametric modifiers
- Editing Poly Models – using Caddy Interface
- Spline modeling

- Landscaping and modeling using Compound Objects
- Construct using Architectural objects
- Views – Lights and Cameras
- Textures – Basic & Advance
- Particle Systems & Forces
- Importing other formats
- Basics of Animation
- Walk-through
- Advanced Rendering

5D BIM using Navisworks

AUTODESK NAVISWORKS

Duration
24 Hours

Courseware Issued
Navisworks
Reference Guide

- Introduction About Autodesk Navisworks Manage
- Review the Model
- Object Attributes
- Create and use set of Objects
- Manipulate Object Attributes
- Transform Objects
- Measure tools
- Links
- Navigate the scene
- Clash Detection
- Timeliner

- Timeliner Costs
- Animator
- Use Animator for Soft Clashing
- Scripter
- Quantification Tool
- Perform Model Takeoff
- Update and Analyze data
- Adding Materials to a Model
- Material Mapping
- Lighting
- Sun and Sky Lights
- Photorealistic Rendering
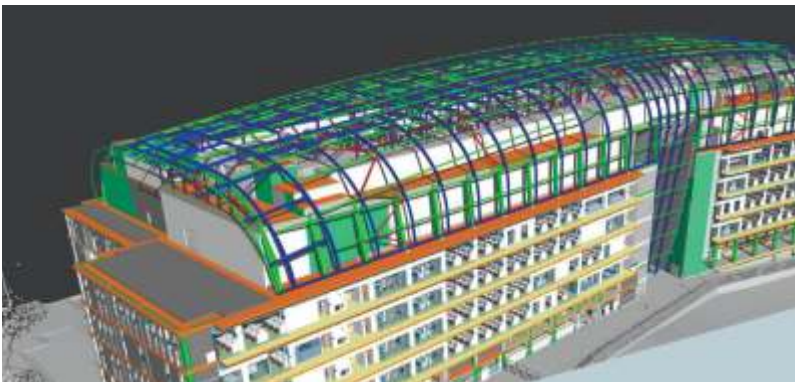
Building Estimation and Costing

Duration
24 Hours

Courseware Issued
Building Estimation
and Costing Reference Guide

- Introduction
- Customizing Currencies & Catalog Creation
- Work Breakdown Structure
- Manual Takeoff Tools: Area, Backout, Linear, Count
- Automatic Takeoff Tools: Model, Search, Single Click
- Assembly & Validate Takeoff Data
- Compare & Display
- Report Generation & Export

STAAD.Pro

Bentley
STAAD.Pro

Duration
60 Hours

Courseware Issued
STAAD.Pro Reference Guide

- Model Generation and Editing
- Assigning loads
- Automatic load generations:
  - Slab, Wind and Moving loads
- Concrete Design
  - Column and Beam design
- Seismology
  - Seismic Analysis and Design
  - Dynamic Analysis
    - Response Spectrum
    - Time History Analysis

- FEM / FEA
  - Water Tank Design
  - Slab Design
  - Staircase Design
  - Shear wall Design
  - Bridge Deck design
- Steel Design
  - Steel Frame Structure Design
  - Overhead Transmission
  - Line Towers Design
  - Steel Structure design with Pushover Analysis
- Foundation Designs
  - Isolate, Combined, Strip, Mat and Pile Cap
- Report Generation and Plotting

ETABS

ETABS®

Duration
60 Hours

Courseware Issued
ETABS Reference Guide

- 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
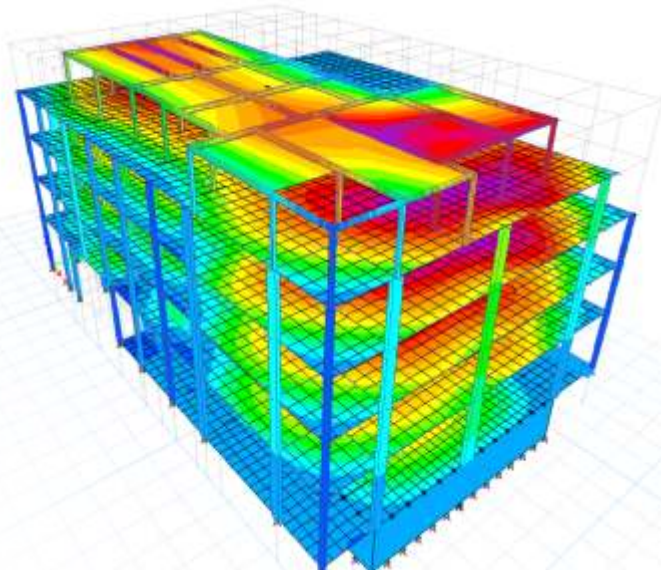
Ansys Civil

Duration
30 Hours

Courseware Issued
Ansys Civil Reference Guide

- Introduction Structural Engineering
- FEM
- Civil FEM Setup
- Modelling in ANSYS
- Loads
- Solve
- Civil Post processing
- LS Files
- Load Combination

- Concrete Design
- Modelling
- Slab Design
- Pre-stressed Concrete Design
- Bridge Design
- Geotechnical Module
- Seismic Design
- Steel Design
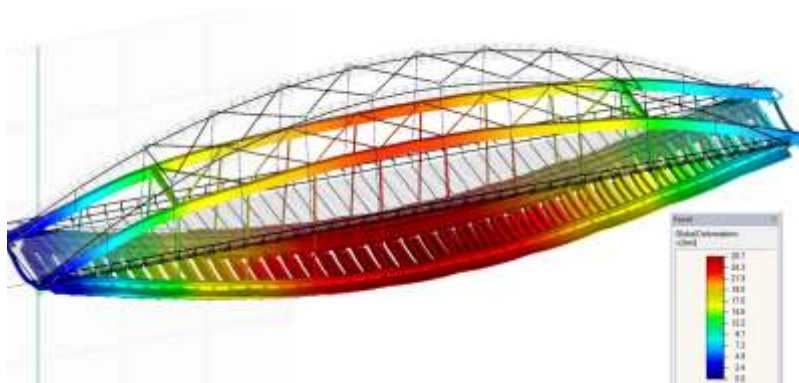
ProSteel

Duration
60 Hours

Courseware Issued
ProSteel Reference Guide

- Creating and working with Workframes
- Working with Display and Area Classes
- Inserting Steel Shapes
- Shapes Manipulation
- Working with Plates
- Creating Connections
  - End Plate
  - Base Plate
  - Bracing
  - Purlin
  - Web Angle
  - Shear Plate
- Working with Structural Elements
  - Handrail
  - Stair
  - Ladder
- User created shapes
- Part Family
- Detailing
  - Symbol creation
  - Grouping
  - Material Takeoff
  - Dimension

RCC Detailing

AUTODESK®
AUTOCAD®
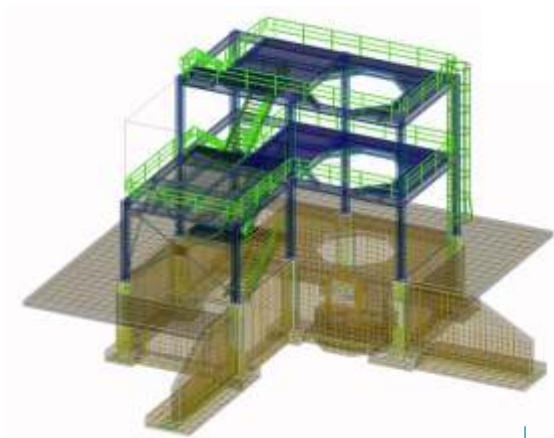
Duration
24 Hours

Courseware Issued
RCC Detailing Reference Guide

- Introduction
  - RCC Detailing
  - AutoCAD Structural Detailing
- Effective usage of Country Specific Templates and Standards
- Element Creation
  - Automatic
  - Manual
- Slab Creation with Surface distribution
- RCC Detailing of
  - Foundation
  - Column
  - Beam
  - Slab
  - Staircase
  - Retaining Wall
- Drawing Preparation
- Bar Bending Schedule
- Export
- Print

AutoCAD Civil 3D

AUTODESK®
AUTOCAD CIVIL 3D®

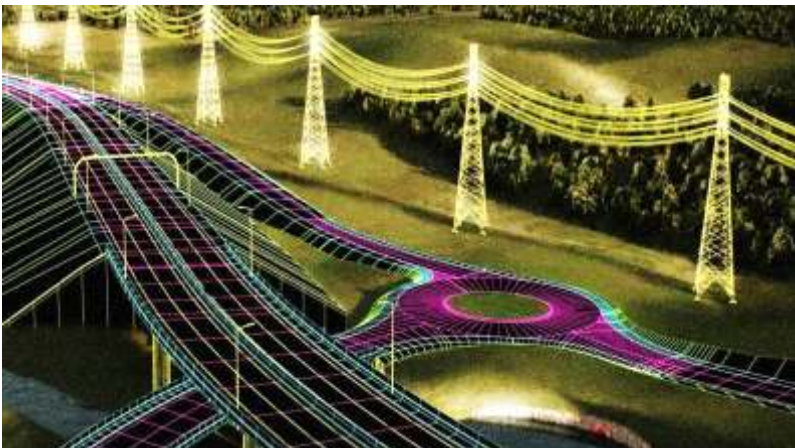**Duration**
60 Hours

Courseware Issued
AutoCAD Civil 3DReference Guide

- Computer Aided Land Survey
  - Working with point data
  - Surface creation
  - Surface analysis
  - Parcels
- Transportation Design
  - Design Criteria
  - Alignment Creation
  - Corridor Creation
  - Intersection Design

  - Roundabout Design
  - Custom Assembly Creation
- Report Generation
  - Earthwork Calculation
  - Quantity Takeoff
- Pipe Layout
  - Design Rules
  - BOM
- Plotting

MX ROAD

Duration
60 Hours

Courseware Issued
MXROAD Reference Guide

- View controls
- Survey inputs and validation
- String names and Drawing styles
- Point Selection Methods
- Surface checker
- String creation and editing
- Surface analysis
- Earthwork calculation
- Alignment creation
  - Horizontal
  - Vertical
  - Best fit

- Carriageway design
- Junction design
- Shoulder design
- Pavement design
- Dynamic reports
- Road redesign
- Overlay design
- Section views
- Final drawings

Computer Aided Land Survey Using AutoCAD Civil 3D

AUTODESK®
AUTOCAD® CIVIL 3D®

Duration
24 Hours

Courseware Issued
Computer Aided Land Survey
using AutoCAD Civil 3D
Reference Guide

- Introduction to Land Survey and AutoCAD Civil 3D

- Surface creation based on the survey data from
  - Theodolite
  - Total Station
  - LiDAR
  - Google Earth
  - DEM files

- Surface Styles

- Surface Analysis

- Earthwork Calculation
  - Cut and Fill Volume
  - Grading
  - Profile View Generation

- Site Layout

ELECTRICAL CADD

AutoCAD for Electrical and Electronics Engineers

Duration
30 Hours

Courseware Issued
AutoCAD for for Electrical and Electronics Engineers Reference Guide

- Introduction to engineering drawings
- Drafting basic geometry shapes in AutoCAD
- Layer management
- Hatching and gradient technics
- Isometric drawings
- Dimensioning
- Blocks and attributes
- External reference (Xref) concepts
- Object linking and embedding (OLE) concepts
- Layout management

- Plot and publish
- Introduction to AutoCAD Electrical
- Symbol builder and circuit builder
- Schematic components
- Wires and wire numbers
- Programmable Logic controller
- Connectors
- Panel layout
- Reports and conversion tools
- Tutorials and projects

REVIT MEP

AUTODESK
REVIT MEP

Duration
60 Hours

Courseware Issued
Revit MEP Reference Guide

- Introduction
  - MEP Design
  - Revit MEP
- Work sharing
- Family Creation
  - Solid Modeling
  - Equipment
  - Light Fixture
  - Devices
- HVAC Design
  - Heating and Cooling Load Analysis
  - Logical Systems
  - Mechanical System and Duct Work
  - Mechanical Piping System
  - Inspect System
  - Electrical Design
  - Lighting Analysis
  - Power and Communication Design
- Plumbing Design
- Fire Protection System
- Schedules
- Documentation
- Sheet Setting
- Printing
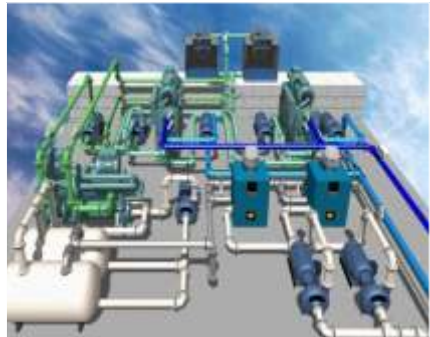
MANAGEMENT

Suitable for:
Suitable for All Professionals looking for a career in
Project & General Management skills.

Project Planning & Management Concepts

Duration
16 Hours

Courseware Issued
Microsoft Project Reference Guide with Workbook
(Mechanical/Civil/Electrical)

- What is a Project?
- Project management life cycle
- Project Management Processes
- Initiation
- Planning
- Execution
- Controlling
- Closure
- Project Knowledge Areas
- Project Scope Management
- Project Time Management

- Project Cost Management
- Project Human Resource Management
- Project Quality Management
- Project Risk Management
- Project Communications Management
- Project Procurement Management
- Project Integrations Management

Microsoft Project

Project

Duration
30 Hours

Courseware Issued
Microsoft Project Reference Guide
with Workbook
(Mechanical/Civil/Electrical)

- Introduction to Microsoft project
- Defining calendars
- Planning & scheduling techniques Building relationship
- Linking tasks
- Constraints in projects
- Work Breakdown structure
- Cost Estimation
- Resources

- Resource levelling
- Reporting
- Tracking the Project progress
- Earned value management
- Customizing MS Projects
- Handling multiple projects

Primavera Foundation

ORACLE®
PRIMAVERA

Duration
40 Hours

Courseware Issued
Microsoft Project Reference Guide
with Workbook
(Mechanical/Civil/Electrical)

- Project management basics
- Project goals
- Project selection
- Projects, structures, budgets
- Project work plans and assignments
- Resource allocation
- Performance monitoring
- Integration of project management
  with financial and human capital
  management

Primavera Advanced

ORACLE®
PRIMAVERA

Primavera Scheduling Professional

Duration
16 Hours

Courseware Issued
Primavera Foundation Reference Guide
Primavera Foundation Work Book
Primavera Scheduling Professional

- Real time Project Scheduling
- Critical Path

- Resource Leveling
- Resource Smoothing

Primavera Tracking Professional

Duration
16 Hours

Courseware Issued
Primavera Foundation Reference Guide
Primavera Foundation Work Book
Primavera Tracking Professional

- Real-time Project Tracking
- Earned Value Management
- Report customization

Primavera Application Administration

Duration
08 Hours

Courseware Issued
Primavera Foundation Reference Guide
Primavera Foundation Work Book
Primavera Application Administration
Reference Guide

- Managing the user privileges
- Real time Primavera Administration
- OBS and EPS Structure

*Primavera Foundation is a mandatory pre-requisite

Client list

- MN Dastur & Company (P) Ltd
- ABB
- Michelin
- Larsen & Toubro
- ITC
- Areva
- Alstom
- FLSmidth
- Petronas
- Bank Nigara
- Sri Lanka Telecom
- Dialog Telecom
- Colombo Dockyard
- Suntel
- Holcin
- Applied Research and Development Organization
- Aeronautical Research Centre
- Majil Industrial Services
- Amirati Real Estate Company
- Aga Khan Foundation-Kenya
- Kenya National Highway Authority
- Howard Humphreys Kenya Limited(Civil Engineering Consultants)
- ASL Engineering & Trading Kenya Ltd
- Hibatec Electrical Engineering Kenya Ltd
- Mwangaza Electrical Company Kenya Ltd
- Consolidated Breweries Ltd
- Fine & Country Nigeria
- Department of Petroleum Resources (DPR)
- ILF Consulting Engineers
- Falcon Petroleum Limited
- Shaaban Steel
- SOCODECO (Saudi Bin Laden Group)
- Universal Car Maintenance Company
- M.O.K Trading
- ABB Global Industries
- Reserve Bank of India
- Indian Oil Corporation
- TATA
- Steel Authority of India
- Southern Railway
- Military Services India
- MRF
- Brahmos Aerospace
- Ashok Leyland Nissan Vehicles Ltd
- Apollo Hospital Enterprises
- BWIR
- Honeywell
- Vikram Sarabhai Space Centre
- Airport Authority of India
- Sandpiper Aviation Ltd Kenya
- Rukun Al Yaqeen International L.L.C Oman

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