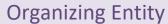


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AUTOCAD COURSE CURRICULUM

01 Induction Class (Optional)



02 Introduction to Autocad

- Importance of Designing & Drafting
- Requirements of tools
- Scope of study
- AutoCad Introduction
- Preliminary settings in AutoCAD
- Drafting settings in AutoCAD
- Co-ordinate systems and 2D Views
- Coursework



03

Geometry
Development
in AutoCAD

- Geometry Creation
- Object Properties and its significance
- Geometry Modification
- Coursework



04

Advanced Functions in AutoCad 1

- Setting Dimensions, Text and Leader
- Creating Tables, Linking Data and Extracting Data
- Parametric Constraints
- Design Center
- Blocks and Dynamic Blocks
- Coursework





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Organizing Entity

05

Advanced Functions

in AutoCAD 2

Layer Management

- Attributes and Templates Generation
- Layout and Viewports
- AutoCAD Plot styles
- Course work



06

Introduction and Part Modeling in Inventor

- Product Development cycle Management
- UI of Autodesk Inventor Professional
- CAD Solution providers
- Autodesk Inventor Professional Introduction
- Exploring User Interface
- Primitive shape Development
- Developing advance shapes
- Coursework



07

Sheet Metal Design and project in Inventor

- Sheet Metal Design Parameters
- Design Settings
- Developing Base and Secondary Features
- Cutting and Stamping Operations
- Course Work



08

Assembly
Design & Project
Discussion in
inventor

- Assembly Design and approaches
- Defining Constraints and joints
- Duplicating Components
- Exploring content centre
- Course Work





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Organizing Entity



Drafting & Project Disussion 09 in Inventor

- Understanding need for documentation
- Drafting setup with standards
- Creating Part Drafting
- Defining GD&T to part drafting
- Creating Assembly drafting Defining Part list
- Course Work



10

Project

Discussion on Project and Problem statements

