

We Changed ur thinking, it Changed ur Life...



Autodesk Fusion 360 Mechanical

Training Details

Course Code	: HCCC02
Course Name	: Autodesk Fusion 360
Duration	: 2 Months
Eligibility	: Diploma/BE/ ME (MECH)/ ITI / +2 / Equivalent

Syllabus:

Modelling

Getting started

- Modelling concept and workflow
- Exploring Fusion 360's Graphical user Interface

Creating Sketch Geometry

- Sketching with dimensions & Constrains control

Working with solids

- Extrusion
- Revolution
- Creating Fillet & Chamfer
- Creating Sweep & Loft

Address:

163 C/1, First Floor, Kamarajar Salai,
NP TVS Showroom Opp., Ganesh Theatre Signal,
Santha Pettai Bus Stop Near,
Madurai – 625 009.



99443 35447

99944 37733

e mail : caddmaster5c@gmail.com

website : www.caddmaster5c.com

facebook: www.facebook.com/caddmaster5c/

Editing Your Model

T-Spline Modelling

- Creating Organic Forms using T-Splines
- Modify a T-spline Form
- Creating Solid Model from Sculpted Body

Assemblies and Constraints

- Working With Components
- Move and align Components
- Create a Rigid Group
- Use Joints to align components in an assembly
- Create as-built joints
- Define contact sets
- Set up motion study
- Apply top-down design methodology

Materials and Images (Rendering)

- Assign and edit materials
- Assign decals, setup the scene and render on the pc and online
- Creating Animation

Interoperability

Technical Drawings

- Create a Drawing of a model
- Create views
- Create and Edit Annotations
- Drawing settings and Preferences
- Output the Drawing

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