



CAD using Pro/E WF Course Curriculum

Day I

Introduction and sketcher

- a) CAD introduction, GUI
- b) Sketcher tools
- c) Basic geometry creation tools
- d) Modify tools and dimensioning
- e) Palette and Constraints

Part modelling

- a) Base features – Extrude, revolve
- b) Datum features.

Day II

- a) Engineering features – Hole, Shell, Rib, Draft, Round and Chamfer.
- b) Edit features – Pattern and Mirror
- c) Cosmetic threads and View manager.

Day III

- a) Base features – Sweep, Blend, Swept blend, helical sweep.
- b) Surfacing basics, surfacing features, boundary bend.

Day IV

Assembly Workbench

- a) Assembly constraints
- b) Bottom-up approach
- c) Top-down approach

Day V

Drafting Workbench

- a) Drafting sheet formats , views placements
- b) Layout & templates
- c) Types of views
- d) Dimensioning
- e) Bill of material
- f) GD & T, Tips & Workshops

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