Precast Basic Training

Day 1:

è Introduction & Basic Modelling Tools

1.0	Introduction
1.1	New Model (Start, Save, close & Open)
1.2	Grids (Create & Modify)
1.3	Views (3D & Plane)
1.4	Options (general / unit & decimails) and Project properties
Practice	
1.4	Workplane, Input members & Inquire
1.5	Snapping switches & Selection switches
Practice	
1.6	Move & copy
1.7	Reference points, lines and circles
Practice	

Day 2:

è Modelling Tools

2.0	Day 1 Recap
2.1	Modifying parts, Cuts and Chamfers
Practice	
2.2	Using clip planes
2.3	Component Catalogue Overview
Practice	

è Components & Filters

2.7	Precast Components (Applying & Modifying)
2.9	Filters (Selection and View filters)
Practice	

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Day -3:

è Reinforcement Modelling

3.0	Introduction
3.1	Creating rebar and rebar properties
3.2	Rebar group
3.3	Modifying rebar
3.4	Split, combine, group, ungroup, attach/ detach from part.
3.5	Manual lapping and automatic lapping

Practice

3.6	Rebar Components
3.7	Creating Mesh & Strands

Practice

è Adding welds & weld properties (optional)
Practice

è Placing bolts & bolt properties (optional)
Practice

Day -4:

è Day 2 & 3 Recap

è PCD Exercise M1 & M2

è Numbering

4.0	Numbering - Introduction and Guidelines
4.1	Numbering series, Part marks and Rebar Pos. no.
4.2	Parts and Rebar Numbering
4.4	Checking part mark and repair position number

Practice

è PCD Exercise M4, M5 & M6

è Organiser & excel reports

Day -5:

è Drawing properties & GA Drawing

5.0	Introduction to Drawings
5.1	Drawing List
5.2	Types of drawing
5.3	Creating GA Drawings
5.3	Creating Cast Unit Drawings
5.4	Creating Multi Drawings

Practice

è Cast Unit drawings, Multi drawing & Revision control

5.5	Drawing Settings
5.6	View Settings
5.7	Plot & Export
5.8	Other Options

Practice

---- End of Basic Training ----