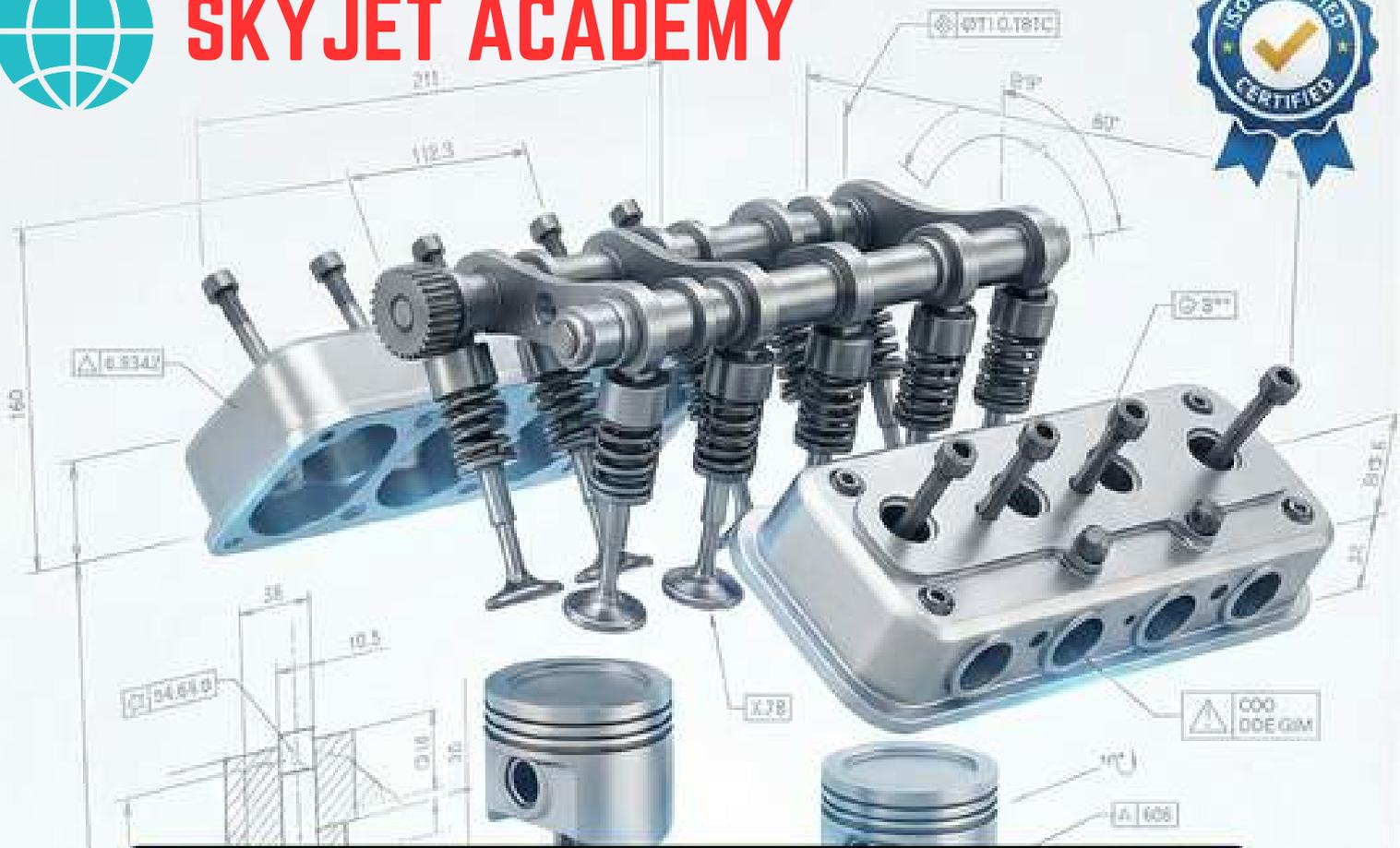




SKYJET ACADEMY



'CREO SYLLABUS - 2026'



NO.1 AUTHORIZED CAD TRAINING INSTITUTE IN COIMBATORE

Creo

LEVEL - 1 (Essential)

2D



3D



Assembly



Drafting



LEVEL-1 (Essential)

2D

SESSION	Topic	Commands	Hrs
1	2D	Creo Introduction Applications Select Working Directory New File : <ul style="list-style-type: none"> • Model Display (Model Orientation) Core : <ul style="list-style-type: none"> • Sketcher (Sketcher Startup) Units Sketch Setup Plane Introduction Line Centerline Construction Mode Circle Rectangle : <ul style="list-style-type: none"> • Corner Rectangle • Center Rectangle Arc : <ul style="list-style-type: none"> • 3 Point Arc Delete Segment Dimension	45 Min

SESSION	Topic	Commands	Hrs
2	2D	Fully Defined Concepts Shortcuts Relations Mirror Fillet Chamber Offset <ul style="list-style-type: none"> • Partial Loop • Complete Loop 	45 Min

SESSION	Topic	Commands	Hrs
3	2D	<p>Rectangle :</p> <ul style="list-style-type: none"> • Slanted Rectangle • Parallelogram <p>Circle :</p> <ul style="list-style-type: none"> • Concentric Circle • 3 Tangent Circle • 3 Point Circle <p>Line</p> <ul style="list-style-type: none"> • Line Tangent <p>Centerline</p> <ul style="list-style-type: none"> • Centerline Tangent <p>Arc</p> <ul style="list-style-type: none"> • Center and Ends • 3 Tangent • Concentric • Conic <p>Fillet</p> <ul style="list-style-type: none"> • Circular Trim • Elliptical • Elliptical Trim <p>Chamfer</p> <ul style="list-style-type: none"> • Chamfer trim <p>Ellipse</p> <ul style="list-style-type: none"> • Axis Ends Ellipse • Center and Axis Ellipse <p>Palette</p>	45 Min

SESSION	Topic	Commands	Hrs
4	2D	Text Thicken Point Coordinate System Modify Corner Divide Rotate Resize References	45 Min

3D

SESSION	Topic	Commands	Hrs
5	3D	3D Drawing Concepts Planes : 1.Natural Plane 2.Reference Plane <ul style="list-style-type: none"> • Parallel Plane • Mid Plane • Diagonal Plane • Inclined Plane 3.Surface Method Extrude Boss Extrude Cut Round Chamber Rib : <ul style="list-style-type: none"> • Profile Rib Previous View View Orientation Display Style Hide all Types Appearance	45 Min

SESSION	Topic	Commands	Hrs
6	3D	Direction Pattern Axis Pattern Mirror Curve Driven Pattern Revolve Revolve Cut Axis Point Coordinates Draft Shell	45 Min

SESSION	Topic	Commands	Hrs
7	3D	Helix & Sprial Helix & Sprial Cut Sweep Sweep Cut Volume Helical Sweep Swept Blend Swept Blend Cut Blend Blend Cut Rotational Blend Rotational Blend Cut Fill Pattern Point Pattern Dimension Pattern	45 Min

SESSION	Topic	Commands	Hrs
8	3D	Draft : <ul style="list-style-type: none"> • Variable Pull Direction Draft Rib : <ul style="list-style-type: none"> • Trajectory Rib Round : <ul style="list-style-type: none"> • Auto Round Chamfer <ul style="list-style-type: none"> • Edge Chamfer • Corner Chamfer Hole Thread Toroidal Bend Spinal Bend Cosmetic Sketch Cosmetic Thread Cosmetic Groove	45 Min

SESSION	Topic	Commands	Hrs
9	3D	Boolean Operation <ul style="list-style-type: none">• Merge• Intersect• Subtract Split Trim Body New Body Advance 3D Apply Material Mass Properties Revision	45 Min

ASSEMBLY

SESSION	Topic	Commands	Hrs
10	Assembly	<p>Assembly Introduction Assembly Methods : 1.Point to points 2.Edge to Edge 3.Face to Face 4.Plane to Plane 5.Origin to Origin 6.Axis to Axis 7.Axis to Axis With Reference Point</p> <p>Edit Components Connection Type : 1.User Defined</p> <p>Constraint Type : 1.Automatic 2.Coincident 3.Parallel 4.Tangent 5.Default 6.Fix 7.Centered 8.Normal 9.Coplanar 10.Angel Offset 11.Distance</p> <p>Drag Components Shortcut of Assembly</p>	45 Min



SESSION	Topic	Commands	Hrs
11	Assembly	Connection Types : 1.Rigid 2.Pin 3.Slider 4.Cylinder 5.Slot Exploded View Mirror Component Copy Geometry Edit Position Manage View Section Planar X Direction Y Direction Z Direction Offset Zone	45 Min

SESSION	Topic	Commands	Hrs
12	Assembly	Mechanisms : 1.Gears 2.Cams 3.Belts 4.Slider 5.Servo moters Mechanisms Analysis Playback Drag Components Animations New Animation Key Frame Sequence Playback Shrinkwrap Motor Study Bill of Materials	45 Min

DRAFTING

SESSION	Topic	Commands	Hrs
13	Drafting	Standard Sheet Size Scale Ratio Drawing Models 1.Add Models 2.Del Models 3.Set/Add Replace 4.Replace 5.Model Display General View 1.View Type 2.Visible Area 3.Scale 4.Sections 5.View States 6.View Display 7.Origin 8.Alignment Lock View Movements Projection View Auxillary View Detail View Revolved View Copy & Align View Edit Sheet Format Image Insert PDF Generate	45 Min

SESSION	Topic	Commands	Hrs
14	Drafting	Annotation Smart Dimension Model Items Tables General Tables Bill of Materials Center Mark Center Line Area Hatch & Fill Note Balloon	45 Min

SESSION	Topic	Commands	Hrs
15	Drafting	GD & T Datum Feature Datum Target	45 Min

CREO

LEVEL - 2 (PROFESSIONAL)

WELDMENTS



SHEET METAL



SURFACE



NO.1.AUTHORIZED CAD TRAINING INSTITUTE IN COIMBATORE

LEVEL - 2 (PROFESSIONAL)

WELDMENT

Session	Topic	Commands	Hrs
16	Weldment	<p>Weldment Introduction Applications Assembly Framework New Profile Operation</p> <ul style="list-style-type: none"> • Reuse Profile • Repalce Profile • Move Profile • Modify Profile Size • Modify Profile Type • Modify Profile Ends <p>JOINTS</p> <ul style="list-style-type: none"> • Basic Joints • Advanced Joints <p>Delete</p> <p>Subassemblies</p> <ul style="list-style-type: none"> • New Project • operation <p>1.Reuse Subassembly 2.Repalce Subassembly 3.Move subassembly</p> <p>COMPONENTS</p> <ul style="list-style-type: none"> • New Connector Element • New Equipment Elements • Opeartion <p>1.Reuse Component 2.Replace Component 3.Modify Component</p>	45 Min



SHEETMETAL

SESSION	Topic	Commands	Hrs
17	Sheetmetal	Sheetmetal Introduction Applications Planar Extrude Flat Flange Extruded Cut Bend Unbend Offset Revolve Twist Sweep Swept Blend Blend Rotational Blend Helical Sweep	45 Min

Session	Topic	Commands	Hrs
18	Sheetmetal	Corner Relief Round Chamfer Form <ul style="list-style-type: none"> • Punch Form • Die Form • Sketched form • Flatten Form RIP <ul style="list-style-type: none"> • Edge Rip • Surface Rip • Sketched Rip • Rip connect Edge bend Planar bend Flat Pattern Extend Join Merge Walls Conversion Boundary Blend	45 Min



SURFACE

SESSION	Topic	Commands	Hrs
19	Surface	Surface Introduction Applications Extrude Surface Revolve Surface Sweep Surface Helical Surface Swept blend Surface Blend Surface Rotational Surface Separate Surface region Divide Surface Round Chamfer Boundary Blend Fill Style Freestyle	45 Min

