

<div> <div>One Step In Changing Education Chain...</div> <div>RED & WHITE</div> <div>GROUP OF INSTITUTE</div> </div>										FACULTY NAME																	
										STARTING DATE		D	D	-	M	M	-	Y	Y	GRID							
										ENDING DATE		D	D	-	M	M	-	Y	Y	B. TIME		H	H	:	M	M	
STUDENT NAME										GOOGLE CLASSROOM CODE																	
Auto-CAD(mech)-2D															TOTAL DAYS: ____ /30												
LEC.	TOPIC	DATE	P/A	DAY	FEEDBACK	STU. SIGN	FACULTY SIGN																				
1	INTRODUCTION To Auto-CAD, Units, User Interface. Zoom, limits, grid(F7), ortho(F8) mode,selection windows.				<div>A</div> <div>B</div>																						
				1	<div>C</div> <div>D</div>																						
2	Basic Sketch: 2d Sketching. Line, Circle, Rectangle, pline, polygon, join, explode, Delete.				<div>A</div> <div>B</div>																						
				1	<div>C</div> <div>D</div>																						
3	Basic Sketch: 2d Sketching. Arc, ellips,xline, rayline,multi-line,measure				<div>A</div> <div>B</div>																						
				1	<div>C</div> <div>D</div>																						
4	modification of object: move, offset,rotate,trim, extend, erase,scale,trim,extend.fillet, chamfer,copy				<div>A</div> <div>B</div>																						
				2	<div>C</div> <div>D</div>																						
5	snap mode-F3, snap track-F11, point , devide, measure,brake, brake at point.				<div>A</div> <div>B</div>																						
				1	<div>C</div> <div>D</div>																						
Pr-1	Making a line diagram drawing				_____/10																						
				1																							
6	Use of array: rectangular, polar & path array.				<div>A</div> <div>B</div>																						
				1	<div>C</div> <div>D</div>																						
7	Property Tool: (Ctrl+1) line type, colour,line weight,transperancy,match property(MA).				<div>A</div> <div>B</div>																						
				2	<div>C</div> <div>D</div>																						
8	Creating annotation: Dimension(style), Text, Hatching & multileader.				<div>A</div> <div>B</div>																						
				2	<div>C</div> <div>D</div>																						
9	Layer Tool: (new layer, set current, on/off,lock, freeze, delete).				<div>A</div> <div>B</div>																						
				2	<div>C</div> <div>D</div>																						
10	Use of polar tracking(additional angle) & Object snap(os).				<div>A</div> <div>B</div>																						
				2	<div>C</div> <div>D</div>																						
11	Table(TB):- table style, point & window insertion, cell style.				<div>A</div> <div>B</div>																						
				2	<div>C</div> <div>D</div>																						
12	Isometric drawing: angle isometric,isometric dimension, oblique.				<div>A</div> <div>B</div>																						
				1	<div>C</div> <div>D</div>																						
Pr-2	Making part for iso-metric drawing.				_____/10																						
				2																							

13	Use of block: block(B), convert to block, explode block, insert block, Design center(DC),Purge.				<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
				A	B						
C	D										
2											
14	Tool palates(TP), Design center(Ctrl+2 or DC), Block editor.				<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
				A	B						
C	D										
2											
15	Object selection methode: Group, Quik select, Filter, OVER kill.				<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
				A	B						
C	D										
1											
16	Making Format: Define title block, add attributes, Add notes, Save As PDF,JPG,Lower version file & Print .				<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
				A	B						
C	D										
2											
17	Final Drawing:				___/10						
				2							

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STUDENT NAME																		GOOGLE CLASSROOM CODE												
NX-CAD																		TOTAL DAYS: ____ /70												
LEC.	TOPIC	DATE	P/A	DAY	FEEDBACK		STU. SIGN	FACULTY SIGN																						
1	INTRODUCTION To NX, Units, User Interface. INTRODUCTION OF Drawing, VERSION INTRODUCTION, COURSE HEADLINES, BASIC OF NX.				A	B																								
				1	C	D																								
2	Basic Sketch: 2d Sketching, Construction Mode, Planes. Line, Circle, Rectangle, Mirror, Fillet, Chamfer, Delete, Dimension, Relations.				A	B																								
				1	C	D																								
3	Part Modelling: Extrude, Cut-Extrude, Revolve-Cut Revolve. Editing Part, Editing Sketch.				A	B																								
				3	C	D																								
4	Part Modelling: Fillet And Chamfer (Constant, Variable, Full Round).				A	B																								
				2	C	D																								
5	Part Modelling: Pattern Mirror, Circular, Sketch, Fill, Table, Variable.				A	B																								
				2	C	D																								
Pr-1	Making part for assembly: 1,2				____/10																									
				7																										
6	Part Modelling: Hole Wizard (Simple, C.Bore, C.Sink)				A	B																								
				2	C	D																								
7	Part Modelling: Draft, Shell & Rib.				A	B																								
				2	C	D																								
8	Part Modelling: Sweep, Sweep Cut, Spring Making.				A	B																								
				3	C	D																								
9	Part Modelling: Loft, Loft Cut & Boundary Boss.				A	B																								
				5	C	D																								
10	Part Modelling: Wrap, Intersect, Material, Mass Calculation, Measure.				A	B																								
				2	C	D																								
11	Part Modelling: Design Table.				A	B																								
				1	C	D																								
12	Rendering: Photo Realistic Effect.				A	B																								
				2	C	D																								
Pr-2	Making part for assembly: 3, 4.				____/10																									
				7																										

13	Assembly Modelling: Insert Part, Apply & Edit Mates, Explode Assembly, Interface.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
14	Assembly Modelling: Creating & Editing Part In Assembly.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
15	Assembly Modelling: Insert Library Parts & Smart Fasteners.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
16	Animation: Animation With Different Orientation, With Drag Components.			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
17	Animation: Animation Using Explode & Apply Motor, Save As Video.			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
18	Drawing: Placing General, Projection , Section, Detail Views Of Part & Assembly.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
19	Drawing: Import Dimension, Manual Dimension, Bill Of Material, Add Text And Notes, Add Center Mark & Line, Table.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
20	Drawing: Making Format & Print The Drawing, Save In PDF.			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
21	Sheet Metal: Basic Sheet Metal, Flange, Miter And Hem.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
22	Sheet Metal: Jog Bend, Sketch Bend & Cross Break, Hole.			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
23	Sheet Metal: Form Tool, Solid To Sheet, Corner, Loft Bend.			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
24	Weld Ment: 3D Sketching, Add Structure Member, Rib & End Cap.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
25	Weld Ment: Trim & Extend Member, Weld Member.			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
26	Simulation: Static Study, Find Stress-Strain. Thermal Study.			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A		B									
C	D										
PR.3	Final Project.			7	___/10						

