

TERM 1 (45 days)	WEEK 1 27 – 29 Jan	WEEK 2 01 – 05 Feb	WEEK 3 08 – 12 Feb	WEEK 4 15 – 19 Feb	WEEK 5 22 – 26 Feb	WEEK 6 01 – 05 Mar	WEEK 7 08 – 12 Mar	WEEK 8 15 – 19 Mar	WEEK 9 23 – 26 Mar	WEEK 10 29 – 31 Mar
CAPS Topic (Days)	Classroom Admin (3 days) EGD Intro (2 days)		General Drawing Principles (9 days)	Free-hand Drawing (9 days)		Set up Draw. Sheet (4 days)	Geometrical Construction (15 days in Term 1)			PAT (3 days)
Prescribed Concepts, content & Skills	All administrative and classroom managerial structures must be put in place and the teachers' EGD files as well as all the learners' EGD files must be prepared for use throughout the year.	The scope, educational and career opportunities. Include human rights, gender, inclusivity HIV/AIDS issues.	◆ The correct use and care of drawing instruments; ◆ The dangers of sharp instruments; ◆ Relevant line types as contained in the GUIDELINES for EGD PENCIL LINE-WORK; ◆ General lettering (writing) requirements as contained in the SANS (SABS) 0111 & 0143; ◆ General dimensioning requirements as contained in the SANS (SABS) 0111 & 0143.	hand movements needed to draw proportional single, multi view and pictorial drawings on plain paper and/or grid sheets. Test per as EGD ORK; Test per as ANS ANS ANS ANS ANS		A4 and A3 sized drawing sheets with borders and basic name/title blocks.	 Practice and apply the following constructions: : bisecting lines and angles, perpendicular lines, angles, dividing a line, a circle through three points, circle divisions, inscribed and circumscribed circle to triangles, fillets, tangents, convex and concave tangential arcs Construct regular polygons with 3, 4, 5, 6 & 8 sides. Determine the centre of the polygons. 			Teach the Design Process: Problem identification, and formulate design brief with specs and constraints Conducting research and generating graphical ideas Selecting the best solution Presenting final solution as working and 3D drawings Evaluation of the entire process
Requisite pre-knowledge	N/A	N/A	 The basic drawing instruments Basic dimensioning techniques 	An understanding of sketching and drawir	the difference between ng	The general drawing principles	Relevant line types as cor work	ntained in the guidelines f o	or EGD pencil line-	The Technological Process
Add. resources, other than textbooks & drawing instruments		own notes	 LTSM: Own complaint notes, previous exam/test questions on specific topic/content, compliant content from TD textbooks, relevant models/ physical examples ICT: Visualiser & data projector, video clips 							PAT document, previous best practice examples
Informal Assessment	Class test (suggested)		Min 5 DDEs/Tasks completed Class test (suggested)	Min 5 DDEs/Tasks	completed	Min 3 DDEs/ Tasks comp.	Min 12 DDEs/Tasks comp	leted		N/A
Formal Assessment	None		ONE compulsory c	ontrolled test that cou	uld be made up of TWO qu	uestions, or TWO sepa	arate tests, that constitutes a	min of 60 minutes and a	min of 50 marks	N/A
(SBA & PAT)		N/A	Drawings for Course hand drawing) , to be DDEs/Tasks	e Drawing (CD) 1 (Free- e sourced from the	N/A	Drawings for CDs 2 & 3 [1st constructions), & 2nd Geom polygons)], to be sourced f				



TERM 2 (52 days)	WEEK 1 13 – 16 Apr	WEEK 2 19 – 23 Apr	WEEK 3 26 – 30 Apr	WEEK 4 03 – 09 May	WEEK 5 10 – 14 May	WEEK 6 17 – 21 May	WEEK 7 24 – 28 May	WEEK 8 09 May – 04 Jun	WEEK 9 07 – 11 Jun	WEEK 10 14 – 18 Jun	WEEK 11 21 – 24 Jun
CAPS Topic (Days)	PAT (2 days)	Geometrical Construction (8 days in Term 3, i.e. 23 days in TOTAL)	Scale (5 days)	-	Mechanical Drawing (18 days) Isometric Drawing (14+ days)						
Prescribed Concepts, content & Skills	Explained/ discussed the PAT scenarios to/with the learners	◆ Construction of an Ellipse by using at least TWO different construction methods, and ◆ complete Geometrical Constructions NOT completed in Term 1	◆ Practice and apply Different scales, e.g. 5:1, 2:1, 1:2, 1:25, 1:50, 1:75, 1:100 etc. ◆ The application of any scale to all types of drawing	Include the follow Title, scale, hide	of mechanical <u>ca</u> /ing: len detail, dimen :	awings with non-sec stings and objects to sioning, centre lines tion and layout plan	rom industry. s, cutting planes,	Simple isometric dra lines as well as auxil	Continue with Term 2 content not completed and/or do revision of Term 1 & 2 content		
Requisite pre- knowledge	The Design Process	Relevant line types as contained in the guidelines for EGD pencil line-work	Understanding of scales	ALL general drOrthographic p	0 1			◆ The difference and ◆ The ability to conve			
Add. resources, other than textbooks & drawing instruments	PAT document, previous best practice examples	1 •		es, previous exam/test questions on specific topic/content, compliant content from TD textbooks, relevant models/ physical examples ector, video clips							
Informal Assessme nt	N/A	Drawings for Course Drawing (CD) 4 (Ellipse), to be sourced from the DDEs/Tasks	Min 3 DDEs/ Tasks completed	Min 10 DDEs/Tas	in 10 DDEs/Tasks completed Min 9 DDEs/Tasks completed						
Formal	N/A	ONE compu	Isory <u>Controlled Te</u>	st that could be ma	ade up of TWO qu	estions, or TWO sepa	arate tests, that con	nstitutes a min of 60 mi	nutes and a min of 5	0 marks	
Assessme nt (SBA & PAT)		Drawings for Course Drawing (CD) 4 (Ellipse), to be sourced from the DDEs/Tasks	N/A	Drawings for CD 5 (Mechanical Working Drawing of a Casting), to be sourced from the DDEs/Tasks Drawings for CD 6 (Isometric Drawing), to be sourced fro DDEs/Tasks						be sourced from the	



TERM 1 (52 days)	WEEK 1 13 – 16 Jul	WEEK 2 19 – 23 Jul	WEEK 3 26 – 30 Jul	WEEK 4 02 – 06 Aug	WEEK 5 10 – 13 Aug	WEEK 6 16 – 2 Aug	WEEK 7 23 – 27 Aug	WEEK 8 30 Aug – 03 Sept	WEEK 9 06 – 10 Sept	WEEK 10 13 – 17 Sept	WEEK 11 20 – 23 Sept
CAPS Topic	PAT		Solid Ge	ometry		Descriptive G	eometry	Commer	PAT		
(Days)	(4 days)		(19 da	• /		(5 days		(15	(4 days)		
Prescribed	Phase 1:			egular prisms and p y		1st angle orthographic		Limited to single-store	Phases 2 & 3:		
Concepts,	Complete the			nders and cones. T		points and line segme	vith floor plans ,	Complete the			
content &	Design Process		endicular, parallel or	inclined to one princi	pal projection	perpendicular, inclined		basic single line eleva			working drawing
Skills	requirements:	plane only.				projection planes.		roofs (i.e. only the basi	and the PAT:		
	◆ Design brief,	Include the following	j :			◆ Determine the true le		of the roof), and section the foundation to the si	◆ An Orthographic		
	specifications,	Sectional views				least two different met	, 0			Drawing with min 3 x	
	and constraints	◆ The true shape o				projection and construc		 Labels, dimensioning and scales Relevant abbreviations and graphical symbols 			views!
	◆ Research	◆ ALL hidden deta	II			◆ True inclination of li	ne segments	symbols oors	◆ Isometric Drawing		
	conducted						◆ Self-assess. &				
	◆ TWO free hand					◆ Hatching detail ◆ Perimeters and total/floor areas					Deadlines
	solutions						◆ Presentation				
	 Selecting best solution. 										
Requisite pre-	Design Process	◆ General drawing principles				General drawing prin	cinles	◆ ALL general drawing	Content & skills for		
knowledge	requirements			3 4 5 6 & 8 sides		◆ 1st angle orthographic		 ◆ 1st angle orthographi 	Mech working		
momoago	Toquironionio	 Construction of regular polygons with 3, 4, 5, 6 & 8 sides Orthographic projecting 				i diigio oralogiapiii		drawings			
Add. resources,		• • • •		s exam/test question	ns on specific topic/	content, compliant conte	nt from TD textboo	ks, relevant models/ pl	nysical examples		PAT document,
other than		• ICT: Visualiser &		•			previous best				
textbooks &				·							practice examples
drawing											
instruments											
Informal	N/A	Min 12 DDEc/Tacks completed				Min 6 DDEs/Tasks con	nnleted	Min 9 DDEs/Tasks cor	N/A		
Assessment	·	Min 12 DDEs/Tasks completed				'					
Formal	Phase 1 of ALL	Drawings for Course Drawing (CD) 7 (1st Sectioned Solid of Prism or				Drawings for CD 9 (Tru		Drawings for CD 10 (C	All PATs completed		
Assessment	PATs completed					True Inclinations), to be	sourced from	o be sourced from the	ne DDEs/Tasks		
(SBA & PAT)		from the DDEs/Task	(S			the DDEs/Tasks					



TERM 1 (45 days)	WEEK 1 05 – 08 Oct	WEEK 2 11 – 15 Oct	WEEK 3 18 – 22 Oct	WEEK 4 25 – 29 Oct	WEEK 5 01 – 05 Nov	WEEK 6 08 – 12 N		WEEK 7 15 – 19 Nov	WEEK 8 22 – 26 Nov	WEEK 9 29 Nov – 03 Dec	WEEK 10 06 – 10 Dec
CAPS Topic (Days)	Continue with Civil Draw. (5 days in Term 4, i.e. 20 days in TOTAL)	Catch-up/Revision (Until the commencement of the 'Final/Promotional Examinations')			Fi						
Prescribed Concepts, content & Skills	Limited to single-storey dwellings, 1st angle orthographic working drawing of sectional elevations showing the	do revision		ln :	PAPER 1 -CIVIL (2 hours) first-angle orthographic)		PAPER 2 -MECHANICAL- (2 hours) In third-angle orthographic projection			
	detail of the <u>foundation to</u> <u>the slab</u> . Include the following: ◆ Labels, dimensioning and			Q1 Q2	Civil analytical Descriptive geometry	± 15% ± 15%		Mechanical analytical Geometrical Construction + Ellipse	± 15% ± 25%		
	scales ◆ Relevant abbreviations			Q 3	Solid geometry	± 25%	Q 3	Isometric drawing Mechanical working	± 25%		
Requisite pre- knowledge	and graphical symbols ◆ Hatching details ◆ ALL general drawing principles ◆ 1st angle orthographic projecting			Q4	Civil working drawing	± 45%	Q 4	drawing	± 35%		
Add. resources, other than textbooks & drawing instruments	Same as for Term 3										
Informal Assessment	Min 3 DDEs/Tasks completed for Term 4 (i.e. Min 12 Civil DDEs/Tasks in TOTAL!)										
Formal Assessment (SBA & PAT)	Drawings for CD 12 (Sectional Elevation), to be sourced from the DDEs/Tasks										