

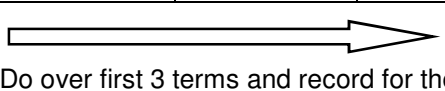
4.5.2 Grade 12

GRADE 12 FORMAL ASSESSMENT PROGRAMME					
INTERNAL FORMAL ASSESSMENT: 25%		EXTERNAL FORMAL ASSESSMENT: 75%			
CONTINUOUS ASSESSMENT 25% (internally set and assessed)		PRACTICAL ASSESSMENT TASK (PAT): 25% (externally set and internally assessed)		NOVEMBER NSC EXAMINATION: 50% (externally set and assessed)	
LEARNER'S EGD FILE		LEARNER'S PAT PORTFOLIO		The final mark for each paper will be a mark that has been converted from 200 to 100.	
Tests: The prescribed 1st term and other formal tests	15	PAT Part A: The Design Process & PAT Part B: Presentation drawings of Part A (<i>Instrument & CAD</i>)		Paper 1: 3 hrs (200 marks ÷ 2 = 100)	100
Course Drawings: All the prescribed and other formally assessed and recorded tasks	30			Paper 2: 3 hrs (200 marks ÷ 2 = 100)	100
Examinations: Mid-year (June) & Preparatory (September)	55				
Total	100	Total	100	Total	200

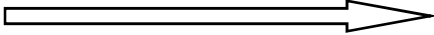
4.5.3 The EGD annual formal assessment plan

The annual formal assessment plan is an overview of each term's minimum compulsory formal assessment tasks that have to be recorded for reporting purposes. All the compulsory formal assessment tasks have to contribute to the final promotion mark.

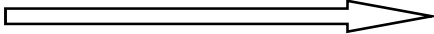
4.5.3.1 Grade 10

GRADE 10 ANNUAL FORMAL ASSESSMENT PLAN					
ASSESSMENT TASKS	TERM 1	TERM 2	TERM 3	TERM 4	PROMOTION MARK
Tests	1		1		30 (7.5%)
Mid-year examination		1			40 (10 %)
Course drawings	3	3	5	1	30 (7.5%)
PAT: Part A & Part B	 Do over first 3 terms and record for the 4 th .			1	100 (25%)
Final examination				1	200 (50%)
TOTAL					400 (100%)

4.5.3.2 Grade 11

GRADE 11 ANNUAL FORMAL ASSESSMENT PLAN					
ASSESSMENT TASKS	TERM 1	TERM 2	TERM 3	TERM 4	PROMOTION MARK
Tests	1		1		30 (7.5%)
Mid-year examination		1			40 (10 %)
Course drawings	4	3	5	1	30 (7.5%)
PAT: Part A & Part B	 Do over first 3 terms and record for the 4 th .			1	100 (25%)
Final examination				1	200 (50%)
TOTAL					400 (100%)

4.5.3.3 Grade 12

GRADE 12 ANNUAL FORMAL ASSESSMENT PLAN					
ASSESSMENT TASKS	TERM 1	TERM 2	TERM 3	TERM 4	PROMOTION MARK
Tests	1				15 (3.75%)
Internal examinations		1	1		55 (13.75 %)
Course drawings	6	4	5		30 (7.5%)
PAT: Part A & Part B	 Do over first 3 terms and record for the 4 th .			1	100 (25%)
NSC examination				1	200 (50%)
TOTAL					400 (100%)

4.5.4 The compulsory EGD school-based assessment (SBA) tasks for each term

This is a detailed overview of each term's compulsory school-based assessment (SBA) tasks. All the compulsory SBA tasks are part of the compulsory Programme of Formal Assessment. The compulsory SBA tasks for a specific term, with the exception of the PAT, has to be recorded during that specific term and included as part of the term's reported mark.

The indicated compulsory SBA tasks are in accordance with the suggested annual teaching plans that are included in this document.

NOTE:

The indicated compulsory SBA tasks are the **minimum requirements** for each term.

4.5.4.1 Grade 12

GRADE 12 COMPULSORY SCHOOL-BASED ASSESSMENT TASKS					
TERM 1		TERM 2		TERM 3	
Assessment Tasks	<i>Suggested contribution</i>	Assessment Tasks	<i>Suggested contribution</i>	Assessment Tasks	<i>Suggested contribution</i>
Course drawings: <ul style="list-style-type: none"> • 1st mechanical assembly • Mechanical analytical exercise • Civil sectional elevation • Civil floor plan with elevations • Civil site plan • Two-point perspective 	40%	Course drawings: <ul style="list-style-type: none"> • Isometric drawing • Solid geometry • Interpenetration & development • 2nd mechanical assembly 	25%	Course drawings: <ul style="list-style-type: none"> • Development of a transition piece • Loci (helix) • Loci (cam) • Loci (mechanisms) • 3rd mechanical assembly 	25%
Test(s)	60%	Mid-year examination: Paper 1 and Paper 2	75%	Preparatory examination: Paper 1 and Paper 2	75%

4.5.5 The EGD formal assessment tasks

4.5.5.1 Tests

All the questions of the EGD tests should be of a similar or higher standard than the corresponding questions of the DBE's examination/exemplar papers. The mark allocations should also correlate with the DBE's examination/exemplar papers' memoranda.

The question or questions for each test have to justify a minimum time allocation of 60 minutes and a minimum mark allocation of 50 marks. Most tests will therefore have to consist of at least TWO questions. However, if the time allocated for a test is not sufficient for the completion of both questions, the two questions can be written as two separate tests in order to make up the required 50 marks. It is however recommended to have as many tests as possible, formal and/or informal, written throughout the year because of the true reflection of achievement and preparatory value of tests.

4.5.5.2 Course drawings

The purpose of the course drawings is to provide evidence that ALL the topics have been adequately covered and that all the learners have been assessed and given sufficient feedback on their acquired knowledge and skills in common tasks on the prescribed content of each topic.

Engineering Graphics & Design is both a knowledge and application/skill-based subject. Drawing and analytical tasks should be done on a regular (daily) basis. From this normal yet essential developmental process of regular (daily) tasks, at least one common task has to be selected from the prescribed content of each topic. The selected common ...

GRADE 11 PROGRESSION/PROMOTION MARK		
Assessment Tasks		Compulsory contribution
SBA	ALL tests	30 (7.5%)
	ALL course drawings	30 (7.5%)
	Mid-year examination: Paper 1 and Paper 2	40 (10%)
Practical Assessment Task (PAT)		100 (25%)
November (final) examination: Paper 1 (100 marks) and Paper 2 (100 marks)		200 (50%)
TOTAL		400

GRADE 12 PROGRESSION/PROMOTION MARK		
Assessment Tasks		Compulsory contribution
SBA	ALL tests	15 (3.75%)
	ALL course drawings	30 (7.5%)
	Mid-year examinations: Paper 1 and Paper 2	20 (5%)
	Prelim/preparatory examinations: Paper 1 and Paper 2	35 (8.75%)
Practical Assessment Task (PAT)		100 (25%)
November (final) examination: Paper 1 (100 marks) and Paper 2 (100 marks)		200 (50%)
TOTAL		400

