

PASS REQUIREMENTS – Gr 9

Learning Areas [Subjects]	%
Home Language [English / Afrikaans]	50 minimum
First Additional Language [Afrikaans / English]	40 minimum
Mathematics	40 minimum
Life Orientation	<ul style="list-style-type: none"> ➤ 40% in any THREE of these seven subjects AND ➤ 30% in any TWO of these seven subjects ➤ EIGHT of the ten subjects must be passed
Natural Sciences	
Social Sciences	
Technology	
Economic and Management Sciences	
Creative Arts	
Second Additional Language [German / Southern Sotho]	

Heads of Departments

Mr Dries vd Wal	Geography	B1
Mr Brian du Plessis	Afrikaans H L	B9
Mr Alex Els	Life Sciences	H5
Mr Ingo Machts	History	C10
Mr Roelf Meyer	EGD	G4
Mr Fanie Reynders	Gr 8 & 9	B7
Mr Lourens v d Merwe	Physical Sciences	S1
Mr Pieter Wessels	Accounting	
	Economics	
	Business Studies	C 16

Heads of Subjects

Mr Naresh Mahabeer	L O	B13
Mr Stefan (Putu) Pretorius	Business Studies	C15
Mrs Hester Roos	English HL	B11
Mr Ludwig Koekemoer	English FAL	B2
Mrs Tilly Roos	Mathematics	C6
Mr Fanie Schoeman	Afrikaans FAL	G1
Mr Hendri Theron	Mathematical Literacy	A1
Mrs Sannette Greyvenstein	German	A5

Department of Economic and Management Sciences

The following subjects are presented by the department of Economic and Management Sciences:

Accounting

1. What Accounting is nót:

- a. Accounting as a subject should not be confused with EMS. In Accounting there will be more specialised work and eventually, journals and ledgers will only form a small part of the work in matric.
- b. This is not a subject which can be taken by learners who do not realise that they should work on a daily basis. Learners should assume that they will have to do homework (about 30 minutes) every day.
- c. Candidates aiming for a distinction in this subject will have to spend a lot of time on the work. Hard work forms the basis of performance in this subject.

2. Content for Grade 10:

Topics are divided over the 4 terms:

Term 1	Topic	1	Revision of previous work
		2	Local and informal bookkeeping
		3	Cash transactions
		4	Credit sales and allowances to debtors
		5	Credit purchases and allowances by creditors
Term 2	Topic	1	General journal
		2	VAT (theory and calculations)
		3	Salaries and wages
Term 3	Topic	1	Principles of GAAP and IFRS
		2	Final accounts
		3	Adjustments and reversals
Term 4	Topic	1	Financial statements of sole proprietors
		2	Management accounting
		3	Budgets
		4	Ethics and internal control

3. The suitable candidate:

- a. Must have the ability to think analytically and must have sound numerical ability. Learners are strongly discouraged from presenting Accounting in combination with Mathematical Literacy.
- b. Achieve **at least** 65% for EMS in grade 9. Learners who achieve less than this mark tend to struggle when the work load increases in grade 10.
- c. Must be willing to work hard and do extra work when required.

If the learner is interested in a B Acc course (CA), Mathematics and Accounting should be regarded as compulsory subjects. Accounting is also a very useful subject for any course in engineering (cost calculation), architecture and quantity surveying.

Business Studies

1. What Business Studies is nót:

- a. Business Studies is not like the Business Economics of old. A greater degree of insight into the daily world of business is needed.
- b. It is not a replacement for Accounting or Economics. Accounting can be a substitute for Business Studies, but not the other way around.
- c. Candidates who wish to achieve a distinction in this subject will have to spend a lot of time studying.

2. Content for Grade 10:

Topics are divided over the 4 terms:

Term 1	Topic	1	Micro-environment
		2	Market environment
		3	Macro-environment
		4	Relation between the environments
		5	Business sectors
Term 2	Topic	1	Socio-economic issues
		2	Social responsibility
		3	Entrepreneurial qualities
		4	Forms of ownership
Term 3	Topic	1	Creative thinking and problem-solving
		2	Business opportunities
		3	Business location
		4	Contracts
		5	Presentation of business information
		6	Business plan
Term 4	Topic	1	Self-management
		2	Teamwork

3. The suitable candidate:

- a. Will have the ability to learn and remember large amounts of work. There are no formal prerequisites.
- b. He should be able to relate real-world scenarios to the information presented in his text books.

In combination with Accounting, Mathematics and Economics, Business Studies will provide a solid platform to study any B.Com degree at university.

Economics

1. What Economics is nót:

- a. Economics is only briefly referred to in the EMS syllabus for grades 8 and 9. This learning area is far more comprehensive than is often realised by some learners.
- b. Economics should ideally not be taken as an independent subject but preferably in combination with Accounting and/or Business Studies.
- c. Economics should never be regarded as a so-called “filler subject” because the syllabus is fairly complicated and the work load is heavy.

2. Content for Grade 10:

Topics are divided over the 4 terms:

Term 1	Topic	1	Basic concepts in macro-economics
		2	Scarcity as the basic economic problem
		3	The economic cycle and quantitative elements
		4	Business cycles
Term 2	Topic	1	Market dynamics and micro-economics
		2	Production possibility curves
		3	The public sector
Term 3	Topic	1	Early economic development and globalisation
		2	Historic overview of economic development in SA
		3	History of money and banking
		4	The population and the workforce
Term 4	Topic	1	Contemporary economic issues
		2	Labour relations
		3	Economic redress

3. The suitable candidate:

- a. Has the ability to think creatively and can logically analyse information (also of a mathematical nature). It is advised that candidates take Mathematics and achieve an aggregate of at least 65%.
- b. Should take Economics as a subject with the option of using the subject in a career in future.

In combination with Mathematics and Accounting, this subject can provide a sound basis for any B. Com course at university. Economics can also be regarded as an important subject to prepare for a B. Acc course and it should be compulsory for further studies in Agricultural Economics, banking and brokerage (trading in shares).

HISTORY

A mathematician solves problems, a historian solves the cause of the problems. History is of utmost importance for politicians in order that they do not repeat the mistakes of the past. A survey done in England revealed that 80% of CEOs in top British companies had history as a subject at school or at university.

In Gr 12 learners have to answer two 3 hour papers. These comprise source-based questions (cartoons, newspaper articles and photos on which questions are asked) and essay questions.

History can be of use for people who intend following a career in the following:

1. Politics
2. Foreign affairs
3. Journalism
4. Law
5. Education

“A nation that does not know its history is like a tree whose roots are busy dying.”

Life Orientation

- Life Orientation is a compulsory subject taken up to matric.
- It comprises two components, namely a theoretical component as well as a practical component which is presented at the school gymnasium. The theoretical component represents 80% of each term mark and the practical component (sport and physical activity) the other 20%.
- The purpose of Life Orientation is basically to equip learners to deal with challenges they face daily as well as after matric.
- The topics that will be covered in grade 10 include the following:
 - Careers and career choices
 - Democracy and human rights
 - Development of the self in society
 - Study skills

Afrikaans Eerste Addisionele Taal

Die volgende is van toepassing:

- Die vak is verpligtend vir alle Engelssspreekende leerlinge.
- Afrikaans is die medium van onderrig.
- Afrikaans Eerste Addisionele Taal is 'n leervak, veral wat die Letterkunde komponent betref.
- Die vereiste slaagpersentasie is 30% (Graad 10 – 12)
- Dis van kardinale belang dat ouers seker maak dat leerders by die huis lees en leer om Afrikaans magtig te word.
- Areas wat gedek word sluit in:
 1. Luister en praat
 2. Lees, kyk en verstaan
 3. Skryf en aanbied
 4. Voorgeskrewe literatuur
 5. Taalstrukture en -konvensies

Afrikaans Huistaal

Afrikaans Huistaal is 'n verpligte vak vir alle Afrikaanssprekende leerlinge:

- Die slaagsyfer vir Afrikaans Huistaal is 40% (gr.10 -12).
- Indien 'n leerder nie sy Huistaal slaag nie, druipt hy die betrokke graad.
- Dit is uiters belangrik dat u, as ouer, ons sal ondersteun en verseker dat leerders tuis lees en leer, om só hul kommunikasievaardighede én punte te verbeter.
- Die Huistaal-sillabus bestaan uit die volgende komponente:
 - Luister en praat
 - Lees en kyk (begrip/voorgeskrewe)
 - Skryf en aanbied (stelwerk)
 - Taalstrukture en -konvensies.
- Afrikaans Huistaal is inderdaad 'n leervak, veral wat die voorgeskrewe betref!

English First Additional Language

The following is applicable:

- The subject is compulsory for all Afrikaans-speaking learners.
- The medium of teaching is English.
- The pass percentage is 40%.
- Teaching areas dealt with include:
 1. Listening and speaking
 2. Reading, viewing and comprehension
 3. Writing and presenting
 4. Prescribed literature
 5. Language structures and conventions

English Home Language

English Home Language is a compulsory subject for all English speaking learners:

- The pass mark for English Home Language is 40% (gr 10 – 12).
- It is of utmost importance that you, as parents should assist the teacher – and more specifically – your son in ensuring that they have regular access to books and that they actually read at home. This is **THE ONLY WAY** to improve both communication and marks.
- The Home Language syllabus comprises the following components:
 - Listening and speaking
 - Reading and understanding (comprehension/
literature)
 - Writing and presenting (creative writing)
 - Language structures and conventions.
- Finally, please be aware that especially as concerns prescribed literature, Home Language indeed requires learning.

LIFE SCIENCES / LEWENSWETENSKAP

AREAS OF KNOWLEDGE / KENNISAREAS

Life at molecular, cellular and tissue level	Lewe op molekulêre, sellulêre en weefselvlak
Life processes in plants and animals	Lewensprosesse in plante en diere
Environmental studies	Omgewingstudies
Diversity, change and continuity	Diversiteit, verandering en kontinuïteit

CASS / DAS – 25%

10 – 11	12
Practical tasks	Praktiese take
Formal tests	Formele toetse
Project / Assignment	Opdrag
Practical Exam	

EXAMINATIONS / EKSAMENS – 75%

10 – 11	12
Mid-Year examinations [June] P I – 150	Gemeenskaplike eksamen [Junie] V I – 150 / V II – 150
Final examinations [November] P I – 150 / P II – 150	Voorbereidende eksamen [September] V I – 150 / V II – 150
	NSS Eksamen [November] V I – 150 / V II – 150

CAREERS / LOOPBANE

HEALTH SCIENCES

Medicine

Dentistry

Pharmacology

Optometry

Nursing

Physiotherapy

SCIENTIST/RESEARCHER/LECTURER

Botanist

Zoologist

Biochemist

Biotechnologist

Geneticist

Microbiologist

OMGEWINGSWETENSAPPE

Natuurbewaarder

Wildbewaarder

Tuinboukundige

Prokureur

VOEDSELTEGNOLOOG

ONDERWYSER

ENGINEERING GRAPHICS AND DESIGN

EGD has been a school subject since 2006 and presented at matric level since 2009. Technical Drawing was replaced by EGD. The subject resorts under the learning area Technology

It is an academic subject with endorsement which means that it has matriculation exemption status.

Learners are not really exposed to the subject during their grade 8 and 9 years. Technology gives them exposure to only Graphics which is a small part of the syllabus.

EGD is a subject where learners are enabled to communicate by means of Graphics. This is done by communicating via drawings according to international codes, symbols and standards.

Subject content: EGD comprises:

Civil drawings

Mechanical drawings

Solid geometry

Papers and mark distribution:

Two 3-hour papers

Both papers are out of 200 which is then processed to a mark out of 100.

The first paper consists mainly of civil drawings.

The second paper consists mainly of mechanical drawings.

Collectively, these two papers count 200 of the 400 marks.

The rest of the marks are determined by a research project of 100 marks.

This is a practical assessment task which is set on national level, internally assessed and moderated on provincial level. Grade 12 learners of 2010 were instructed to design a retirement village with a community centre. All the relevant drawings and specifications for the approval of such a development had to be included in their design.

The final 100 marks comprise the learners' year mark.

Some study courses which EGD learners may consider:

Architecture

Quantity surveying (project and construction management)

Graphic design

Engineering studies

MUSIC

Grade 10-12 music learners will develop:

Technical control over one or more music instruments;

Performance skills by way of performing a wide variety of musical works, in solo and group (ensemble) context in Western art music and as required by the instrument;

Ability to read music notation;

Creativity through improvisation and working with own music ideas;

Understanding existing works of music with regard to composition techniques; application of musical elements in existing music works and placing these in specific historical and cultural contexts;

Awareness of various musical traditions; an appreciation for various styles of music.

Overview of topics, Grades 10 - 12

1. Musical performance and improvisation

Development of skills in solo and ensemble performance

Development of improvisation skills

2. Music literacy

Music theory and notation

Aural awareness of theory

Sight-singing

Harmony and music terminology

3. General music knowledge and analysis

Form and structure

History of Western art music with overviews of jazz, indigenous African music, their composers and performers

Music genres

The South African music industry

General music knowledge planning: Grade 10

Term 1

Classification of instruments

Form

Rock and pop

Study of own performance instrument

Term 2

Afrikaans music

Boeremusiek

Moppies and Goemas

Indian music

An introduction to Western art music (historical timeline)

Term 3

Music of the Baroque style period

Term 4

Music of the Classical style period

Instruments that may be selected:

Keyboard instruments

Voice

Recorder

Guitar

Orchestral instruments

Percussion (three instruments)

Band instruments

Drum kit

Grey College Secondary offers piano and cello; all other instruments have to be studied by means of outside (private) instruction.

Style streaming

Learners mostly choose to perform pieces in the style stream offered at Grey (Western art music). They are, however, also allowed to mix different styles in the practical. For example, a learner may choose to play one or more jazz or rock pieces.

Time allocation for music

Music is allocated eight teaching periods per seven-day cycle. If music is taken as an additional subject, the allotted time is less and in accordance with individual needs and teacher resources. In addition to this, learners are expected to devote time to practise their instruments outside school time. In the event of more time being allocated, that time should be used for group activities such as ensemble rehearsals.

Minimum levels for performance, Grades 10 - 12

At the end of each year, learners must achieve the following *minimum* requirements:

Grade 10: An equivalent to Grade 3 of a recognised testing agency*

Grade 11: An equivalent to Grade 4 of a recognised testing agency

Grade 12: An equivalent to Grade 5 of a recognised testing agency

*Testing agencies include ABRSM, Trinity-Guildhall, UNISA, and Rock School

NATURAL SCIENCES in Gr 9 comprises:

1. PHYSICAL SCIENCES
2. Life sciences

PHYSICAL SCIENCES in Gr 10-12 comprises: Physics and Chemistry

Recommendations for Gr 10:

- Minimum of 60% for Natural Sciences at the end of Gr 9
- Must take Mathematics and NOT Maths Literacy in Gr 10-12

Computer Applications Technology

CAT is a subject dedicated to mastering the use of office productivity applications such as Microsoft Office (Word, Excel, Access and PowerPoint) and the effective use of the operating system Windows.

There is also a theory component where a number of ICT technologies are studied. (e.g. networks, the Internet, information management & system technologies.)

CAT as university admission subject:

CAT is not on the dedicated list, and does not count as one of the FOUR subjects in which a learner must obtain 50% or more to gain admission to university. CAT does count fully towards the TP score a learner must obtain to be admitted if he obtained 50% or more in FOUR of his other subjects from the dedicated list.