BACCALAUREUS EDUCATIONIS: (FET): SPECIALISATION

Qualification code: BEEDS2, BEEDS3, BEEDS4, BEEDS5, BEEDS6, BEEDS7, BEEDS8, BEEDS9 - NQF Level 6

Campus where offered: Soshanguve North Campus

Important notification to new applicants:
Before submitting an application for admission, applicants are advised to consult the University's website for possible new qualifications which are aligned with the newly-implemented Higher Education Qualification Sub-Framework.

REMARKS

a. *Admission requirement(s) and selection criteria:*

- **FOR APPLICANTS WHO OBTAINED A SENIOR CERTIFICATE BEFORE 2008:**

Admission requirement(s):
- For fields of specialisation: Economics and Management Sciences, General, Language and Vocational Guidance - An FET/Senior Certificate at NQF Level 4, with two approved languages, which should include English with at least a D symbol at the Higher Grade or a C symbol at the Standard Grade.
- For field of specialisation: Natural Sciences - A Senior Certificate or an equivalent qualification, with E symbols at the Higher Grade or D symbols at the Standard Grade for English, Mathematics and Biology or Natural Science.
- For field of specialisation: Consumer Studies - A Senior Certificate or an equivalent qualification, with an E symbol at Higher Grade or a D symbol at Standard Grade for English.
- For fields of specialisation: Technical and Technology - A Senior Certificate or an equivalent qualification, with E symbols at the Higher Grade or D symbols at the Standard Grade for English and Mathematics.

Recommended subject(s):
The following subject-specific prerequisites in the FET/Senior Certificate is recommended for the applicants who intend to enrol for fields of specialisation: Economics and Management Sciences, General, Language and Vocational Guidance:

Specialisation subjects offered in the programme	Specific prerequisite(s) on NQF Level 4
Accounting	Accounting or an equivalent subject with an E symbol at Higher Grade or a D symbol at Standard Grade
Business Management and Economics	Business Management or Economics or an equivalent subject with an E symbol at Higher Grade or a D symbol at Standard Grade
Computer Science and Mathematical Literacy	Mathematics with an E symbol at Higher Grade or a D symbol at Standard Grade
Mathematics	Mathematics with an D symbol at Higher Grade or a C symbol at Standard Grade

Commercial subjects, languages, mathematical and computer-related subjects are recommended for the other fields of specialisation.

Selection criteria and assessment procedures:
- For fields of specialisation: Economics and Management Sciences, General, Language and Vocational Guidance - No further assessment will be done. On application, applicants will be screened against the minimum requirements and compliance with the subject-specific prerequisites. The school will rank applicants to determine admission.

- For all other fields of specialisation - Admission is subject to selection.

• **FOR APPLICANTS WHO OBTAINED A NATIONAL SENIOR CERTIFICATE IN OR AFTER 2008:**

FIELD(S) OF SPECIALISATION:
- Economics and Management Sciences
- General
- Language
- Vocational Guidance

Admission requirement(s):
A National Senior Certificate with a bachelor's degree endorsement, or an equivalent qualification, with an achievement level of at least 4 for English (home language or first additional language), 3 for a second language and 3 for Mathematics or Mathematical Literacy.

A minimum score of 4 is required if Mathematics or Mathematical Literacy is intended as a major field of specialisation.

Recommended subject(s):
In order for students to be successful in their chosen subjects, they should meet the following subject-specific prerequisites in the FET/Senior Certificate:

Specialisation subjects offered in the Programme	**Specific prerequisite(s) on NQF Level 4**
Accounting	Accounting or an equivalent subject with a minimum score of 3
Business Management and Economics	Business Studies or Economics or an equivalent subject with a minimum score of 3
Computer Science	Mathematics with a minimum score of 3
Mathematics	Mathematics with a minimum score of 4
Mathematical Literacy	Mathematics with a minimum score of 3 or Mathematical Literacy with a minimum score of 4

Selection criteria:
- To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **22**.
- Applicants can only be considered for the programme if the minimum admission requirements with an achievement rating of 4 or better in four of the six subjects have been met.

Assessment procedures:
No further assessment will be done. Applicants who achieve the minimum APS will be considered until the programme complement is full. The school will rank applicants to determine admission.

FIELD OF SPECIALISATION:
- *Consumer Studies*

Admission requirement(s)
A National Senior Certificate with a bachelor's degree endorsement or an equivalent qualification, with an achievement level of at least 4 for English (home language or first additional language) and 3 for Mathematics or a 4 for Mathematical Literacy.

Selection criteria:
To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **20** (for Mathematics) or **21** (for Mathematical Literacy).

Recommended subject(s):
Agricultural Sciences, Consumer Studies, Life Sciences, Physical Sciences.

FIELD(S) OF SPECIALISATION:
- Technical
- Technology

Admission requirement(s)
A National Senior Certificate with a bachelor's degree endorsement or an equivalent qualification, with an achievement level of at least 4 for English (home language or first additional language), 4 for Physical Science and 4 for Mathematics.

FET college students who has a National Senior Certificate with a Diploma endorsement or an equivalent qualification, with an achievement level of at least 4 for English (home language or first additional language), 2 for Physical Science and 3 for Mathematics. In addition to the National Senior Certificate, students must also have passed N4 courses with 50% in the relevant subjects, i.e. Electro-technics or Electronics, and Industrial Electronics (for Electrical Technology), or Mechanotechnology and Power Machine (for Mechanical Technology) or Building and Structural Construction and Building and Structural Surveying (for Civil Technology).

FET college students who has NC-V and above qualifications with a pass (D symbols and above) in Mathematics, Science, Technology, Engineering Graphics, Electrical Engineering, Mechanical Engineering and Civil Engineering will also be considered.

Selection criteria:
To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **22**.

Recommended subject(s):
Civil Technology, Electrical Technology, Engineering Graphics and Design, Mechanical Technology.

FIELD OF SPECIALISATION:
- Natural Sciences.

Admission requirement(s):
A National Senior Certificate or an equivalent qualification, with a bachelor's degree endorsement or an equivalent qualification, with an achievement level of at least 3 for English (home language or first additional language), 4 for Mathematics, 4 for Life Sciences, 4 for Physical Sciences and 3 for any further additional language.

Recommended subject(s):
Agricultural Sciences, Life Sciences, Mathematics.

Selection criteria:
To be considered for this qualification, applicants must have an Admission Point Score (APS) of at least **22**.

Assessment procedures:
No further assessment will be done. Applicants who achieve the minimum APS will be considered until the programme complement is full. The school will rank applicants to determine admission.

b. Minimum duration:
Four years.

c. Presentation:
Day classes.

d. Intake for the qualification:
January only.

e. Exclusion and readmission:
See Chapter 2 of Students' Rules and Regulations.

f. Recognition of Prior Learning (RPL), equivalence and status:
See Chapter 30 of Students' Rules and Regulations.

g. Economical class groupings:
The departmental committee reserves the right to limit the choice of subjects with a view to economical class groupings.

h. Subject credits:
Subject credits are shown in brackets after each subject.

Key to asterisks:
* Information does not correspond to information in Report 151.
(Deviations approved by the Senate in August 2005, March 2006, September 2007, May 2009, August 2010 and SENEX on 22 June 2011.)

CURRICULUM

THE SUBJECTS PRINTED IN BOLD ARE NOT FOR REGISTRATION PURPOSES.

FIRST YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
COE100T	Communication in English I	(0,080)*	
EGT100T	Educational Management I*	(0,030)	
GSD100T	**General Subject Didactics I**		
GSD10PT	General Subject Didactics: Didactics I	(0,150)	
GSD10QT	General Subject Didactics: Educational Practice I	(0,050)	
TOE100T	Theory of Education I*	(0,030)	

plus one* of the following languages as determined by the school:

CMO100T	Communication in Northern Sotho I	(0,030)*
CMT100T	Communication in Tswana I	(0,030)*
CZU110T	Communication in IsiZulu I	(0,030)*
KOA100T	Communication in Afrikaans I	(0,030)*

plus three subjects from one of the following options:

OPTION 1: CONSUMER STUDIES (BEEDS6)
(Managed by the Department of Mathematics, Science and Business Education)

CSS100T	Consumer Studies I	(0,200)
FNU110T	Food and Nutrition I	(0,200)
HTK110T	Hotelkeeping and Catering I	(0,200)
MLY100T	Mathematical Literacy I*	(0,200)

OPTION 2: ECONOMICS AND MANAGEMENT SCIENCES (BEEDS2)
(Managed by the Department of Mathematics, Science and Business Education).

Students must ensure that they register in any one of the following combinations:
- Business Management I, Computer Applications Technology I and Economics I; **or**

- Accounting I, Computer Applications Technology I and Economics I; **or**
- Accounting I, Business Management I and Computer Applications Technology I; **or**
- Accounting I, Business Management I and Economics I; **or**
- Computer Applications Technology I, Computer Science I and Mathematics I.

ACC120T	Accounting I	(0,200)
BMN130T	Business Management I	(0,200)
CAY100T	Computer Applications Technology I*	(0,200)
CMS110T	Computer Science I	(0,200)
ECN130T	Economics I*	(0,200)
MAT150E	Mathematics I	(0,200)

OPTION 3: GENERAL (BEEDS3)
(Managed by the Department of Mathematics, Science and Business Education).

Students must ensure that they register in any one of the following combinations:
- Business Management I, Life Orientation I and Mathematical Literacy I; **or**
- Computer Applications Technology I, Life Orientation I and Mathematical Literacy I

BMN130T	Business Management I	(0,200)
CAY100T	Computer Applications Technology I*	(0,200)
LIO100T	Life Orientation I*	(0,200)
MLY100T	Mathematical Literacy I*	(0,200)

OPTION 4: LANGUAGE (BEEDS4)
(Managed by the School of Education)

AFE150T	Afrikaans (Education) I	(0,200)
ENE130T	English (Education) I	(0,200)
MLY100T	Mathematical Literacy I*	(0,200)
SNE110T	Northern Sotho (Education) I	(0,200)
TSE110T	Tswana (Education) I	(0,200)

OPTION 5: NATURAL SCIENCES (BEEDS7)
(Managed by the Department of Mathematics, Science and Business Education)

BIE100T	Biology (Education) I	(0,200)
CMS110T	Computer Science I	(0,200)
CYE100T	Chemistry (Education) I	(0,200)
FWS100T	Physical Science I	(0,200)
MAT150E	Mathematics I	(0,200)
MLY100T	Mathematical Literacy I*	(0,200)

OPTION 6: TECHNICAL (BEEDS8)
(Managed by the Department of Technology and Vocational Education)

CMS110T	Computer Science I	(0,200)
CVY100T	Civil Technology I*	(0,200)
EGD100T	Engineering Graphics and Design I*	(0,200)
ELY100T	Electrical Technology I*	(0,200)
MAT150E	Mathematics I	(0,200)
MHY100T	Mechanical Technology I*	(0,200)
MLY100T	Mathematical Literacy I*	(0,200)

OPTION 7: TECHNOLOGY (BEEDS9)
(Managed by the Department of Technology and Vocational Education)

CMS110T	Computer Science I	(0,200)
ENT100T	Entrepreneurship I (for repeaters only)	(0,200)

MAT150E	Mathematics I	(0,200)
MLY100T	Mathematical Literacy I (for repeaters only)	(0,200)
TCD100T	Technological Design I	(0,200)
THE110A	Technology (Senior Phase) I*	(0,200)

OPTION 8: VOCATIONAL GUIDANCE (BEEDS5)
(Managed by the Department of Educational Foundation)

LIO100T	Life Orientation I*	(0,200)
SGC100T	School Guidance and Counselling I	(0,200)

TOTAL CREDITS FOR THE FIRST YEAR: **0,970**

SECOND YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
COE200T	Communication in English II	(0,045)	Communication in English I
EGT200T	Educational Management II*	(0,060)	Educational Management I
GSD200T	**General Subject Didactics II**		
GSD20PT	General Subject Didactics: Didactics II	(0,160)	General Subject Didactics I
GSD20QT	General Subject Didactics: Educational Practice II	(0,050)	General Subject Didactics I
SLO100T	Skills and Life Orientation I	(0,080)	
TOE200T	Theory of Education II*	(0,060)	Theory of Education I
	plus one of the following languages as determined by the school:		
CMO200T	Communication in Northern Sotho II	(0,025)	Communication in Northern Sotho I
CMT200T	Communication in Tswana II	(0,025)	Communication in Tswana I
CZU200T	Communication in IsiZulu II	(0,025)	Communication in IsiZulu I
KOA200T	Communication in Afrikaans II	(0,025)	Communication in Afrikaans I
	plus two subjects from one of the following options:		

OPTION 1: CONSUMER STUDIES (BEEDS6)
(Managed by the Department of Mathematics, Science and Business Education)

CSS200T	Consumer Studies II	(0,250)	Consumer Studies I
FNU210T	Food and Nutrition II	(0,250)	Food and Nutrition I
HTK210T	Hotelkeeping and Catering II	(0,250)	Hotelkeeping and Catering I
MLY200T	Mathematical Literacy II*	(0,250)	Mathematical Literacy I

OPTION 2: ECONOMICS AND MANAGEMENT SCIENCES (BEEDS2)
(Managed by the Department of Mathematics, Science and Business Education).

Students must ensure that they register in any one of the following combinations:
- Business Management II, Computer Applications Technology II and Economics II; **or**
- Accounting II, Computer Applications Technology II and Economics II; **or**
- Accounting II, Business Management II and Computer Applications Technology II; **or**
- Accounting II, Business Management II and Economics II; **or**
- Computer Applications Technology II, Computer Science II and Mathematics II.

ACC220T	Accounting II	(0,250)	Accounting I
BMN240T	Business Management II	(0,250)	Business Management I
CAY200T	Computer Applications Technology II*	(0,250)	Computer Applications Technology I

CMS200T	Computer Science II	(0,250)	Computer Science I
ECN220T	Economics II*	(0,250)	Economics I
MAT260E	Mathematics II	(0,250)	Mathematics I

OPTION 3: GENERAL (BEEDS3)
(Managed by the Department of Mathematics, Science and Business Education).

Students must ensure that they register in any one of the following combinations:
- Business Management II, Life Orientation II and Mathematical Literacy II; **or**
- Computer Applications Technology II, Life Orientation II and Mathematical Literacy II

BMN240T	Business Management II	(0,250)	Business Management I
CAY200T	Computer Applications Technology II*	(0,250)	Computer Applications Technology I
LIO200T	Life Orientation II*	(0,250)	Life Orientation I
MLY200T	Mathematical Literacy II*	(0,250)	Mathematical Literacy I

OPTION 4: LANGUAGE (BEEDS4)
(Managed by the School of Education)

AFE210T	Afrikaans (Education) II	(0,250)	Afrikaans (Education) I
ENE210T	English (Education) II	(0,250)	English (Education) I
MLY200T	Mathematical Literacy II*	(0,250)	Mathematical Literacy I
SNE210T	Northern Sotho (Education) II	(0,250)	Northern Sotho (Education) I
TSE210T	Tswana (Education) II	(0,250)	Tswana (Education) I

OPTION 5: NATURAL SCIENCES (BEEDS7)
(Managed by the Department of Mathematics, Science and Business Education)

BIE200T	Biology (Education) II	(0,250)	Biology (Education) I
CMS200T	Computer Science II	(0,250)	Computer Science I
CYE200T	Chemistry (Education) II	(0,250)	Chemistry (Education) I
FWS200T	Physical Science II	(0,250)	Physical Science I
MAT260E	Mathematics II	(0,250)	Mathematics I
MLY200T	Mathematical Literacy II*	(0,250)	Mathematical Literacy I

OPTION 6: TECHNICAL (BEEDS8)
(Managed by the Department of Technology and Vocational Education)

CMS200T	Computer Science II	(0,250)	Computer Science I
CVY200T	Civil Technology II*	(0,250)	Civil Technology I
EGD200T	Engineering Graphics and Design II*	(0,250)	Engineering Graphics and Design I
ELY200T	Electrical Technology II*	(0,250)	Electrical Technology I
MAT260E	Mathematics II	(0,250)	Mathematics I
MHY200T	Mechanical Technology II*	(0,250)	Mechanical Technology I
MLY200T	Mathematical Literacy II*	(0,250)	Mathematical Literacy I

OPTION 7: TECHNOLOGY (BEEDS9)
(Managed by the Department of Technology and Vocational Education)

CMS200T	Computer Science II	(0,250)	Computer Science I
ENT200T	Entrepreneurship II (for repeaters only)	(0,250)	Entrepreneurship I
MAT260E	Mathematics II	(0,250)	Mathematics I
MLY200T	Mathematical Literacy II (for repeaters only)	(0,250)	Mathematical Literacy I
TCD200T	Technological Design II	(0,250)	Technological Design I
THE230T	Technology (Senior Phase) II*	(0,250)	Technology (Senior Phase) I

OPTION 8: VOCATIONAL GUIDANCE (BEEDS5)
(Managed by the Department of Educational Foundation)

LIO200T	Life Orientation II*	(0,250)	Life Orientation I
SGC200T	School Guidance and Counselling II	(0,250)	School Guidance and Counselling I
TOTAL CREDITS FOR THE SECOND YEAR:		**0,980**	

THIRD YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
COE300T	Communication in English III	(0,050)	Communication in English II
EGT300T	Educational Management III*	(0,060)	Educational Management II
GSD300T	**General Subject Didactics III**		
GSD30PT	General Subject Didactics: Didactics III	(0,150)*	General Subject Didactics II
GSD30QT	General Subject Didactics: Educational Practice III	(0,050)*	General Subject Didactics II
SLO200T	Skills and Life Orientation II	(0,100)	Skills and Life Orientation I
TOE300T	Theory of Education III*	(0,060)	Theory of Education II

plus two subjects from one of the following options:

OPTION 1: CONSUMER STUDIES (BEEDS6)
(Managed by the Department of Mathematics, Science and Business Education)

CSS300T	Consumer Studies III	(0,250)	Consumer Studies II
FNU310T	Food and Nutrition III	(0,250)	Food and Nutrition II
HTK310T	Hotelkeeping and Catering III	(0,250)	Hotelkeeping and Catering II
MLY300T	Mathematical Literacy III*	(0,250)	Mathematical Literacy II

OPTION 2: ECONOMICS AND MANAGEMENT SCIENCES (BEEDS2)
(Managed by the Department of Mathematics, Science and Business Education).

Students must ensure that they register in any one of the following combinations:
- Business Management III, Computer Applications Technology III and Economics III; **or**
- Accounting III, Computer Applications Technology III and Economics III; **or**
- Accounting III, Business Management III and Computer Applications Technology III; **or**
- Accounting III, Business Management III and Economics III; **or**
- Computer Applications Technology III, Computer Science III and Mathematics III.

ACC320T	Accounting III	(0,250)	Accounting II
BMN340T	Business Management III	(0,250)	Business Management II
CAY300T	Computer Applications Technology III*	(0,250)	Computer Applications Technology II
CMS310T	Computer Science III	(0,250)	Computer Science II
ECN320T	Economics III*	(0,250)	Economics II
MAT340E	Mathematics III	(0,250)	Mathematics II

OPTION 3: GENERAL (BEEDS3)
(Managed by the Department of Mathematics, Science and Business Education).

Students must ensure that they register in any one of the following combinations:
- Business Management III, Life Orientation III and Mathematical Literacy III; **or**
- Computer Applications Technology III, Life Orientation III and Mathematical Literacy II

BMN340T	Business Management III	(0,250)	Business Management II
CAY300T	Computer Applications Technology III*	(0,250)	Computer Applications Technology II

LIO300T	Life Orientation III*	(0,250)	Life Orientation II
MLY300T	Mathematical Literacy III*	(0,250)	Mathematical Literacy II

OPTION 4: LANGUAGE (BEEDS4)
(Managed by the School of Education)

AFE300T	Afrikaans (Education) III	(0,250)	Afrikaans (Education) II
ENE300T	English (Education) III	(0,250)	English (Education) II
MLY300T	Mathematical Literacy III*	(0,250)	Mathematical Literacy II
SNE310T	Northern Sotho (Education) III	(0,250)	Northern Sotho (Education) II
TSE310T	Tswana (Education) III	(0,250)	Tswana (Education) II

OPTION 5: NATURAL SCIENCES (BEEDS7)
(Managed by the Department of Mathematics, Science and Business Education)

BIE300T	Biology (Education) III	(0,250)	Biology (Education) II
CMS310T	Computer Science III	(0,250)	Computer Science II
CYE300T	Chemistry (Education) III	(0,250)	Chemistry (Education) II
FWS300T	Physical Science III	(0,250)	Physical Science II
MAT340E	Mathematics III	(0,250)	Mathematics II
MLY300T	Mathematical Literacy III*	(0,250)	Mathematical Literacy II

OPTION 6: TECHNICAL (BEEDS8)
(Managed by the Department of Technology and Vocational Education)

CMS310T	Computer Science III	(0,250)	Computer Science II
CVY300T	Civil Technology III*	(0,250)	Civil Technology II
EGD300T	Engineering Graphics and Design III*	(0,250)	Engineering Graphics and Design II
ELY300T	Electrical Technology III*	(0,250)	Electrical Technology II
MAT340E	Mathematics III	(0,250)	Mathematics II
MHY300T	Mechanical Technology III*	(0,250)	Mechanical Technology II
MLY300T	Mathematical Literacy III*	(0,250)	Mathematical Literacy II

OPTION 7: TECHNOLOGY (BEEDS9)
(Managed by the Department of Technology and Vocational Education)

CMS310T	Computer Science III	(0,250)	Computer Science II
ENT300T	Entrepreneurship III (for repeaters only)	(0,250)	Entrepreneurship II
MAT340E	Mathematics III	(0,250)	Mathematics II
MLY300T	Mathematical Literacy III (for repeaters only)	(0,250)	Mathematical Literacy II
TCD300T	Technological Design III	(0,250)	Technological Design II
THE330T	Technology (Senior Phase) III*	(0,250)	Technology (Senior Phase) II

OPTION 8: VOCATIONAL GUIDANCE (BEEDS5)
(Managed by the Department of Educational Foundation)

LIO300T	Life Orientation III*	(0,250)	Life Orientation II
SGC300T	School Guidance and Counselling III	(0,250)	School Guidance and Counselling II

TOTAL CREDITS FOR THE THIRD YEAR: **0,970**

FOURTH YEAR

CODE	SUBJECT	CREDIT	PREREQUISITE SUBJECT(S)
FIRST SEMESTER			
EGT401T	Educational Management IV*	(0,125)	Educational Management III
GSD401T	General Subject Didactics IV	(0,250)	General Subject Didactics III
SMC301T	Skills and Life Orientation: Sport Management and Coaching III*	(0,080)	
TOE401T	Theory of Education IV*	(0,125)	Theory of Education III
TOTAL CREDITS FOR THE SEMESTER:		0,580	
SECOND SEMESTER			
On completion of all the above subjects. If the prerequisite subjects have been passed, and permission has been granted by the Department, this subject may also be taken in the first semester.			
EUP401T	Education Practice	(0,500)	
TOTAL CREDITS FOR THE SEMESTER:		0,500	
TOTAL CREDITS FOR THE FOURTH YEAR:		**1,080**	
TOTAL CREDITS FOR THE QUALIFICATION:		**4,000**	

SUBJECT INFORMATION (OVERVIEW OF SYLLABUS)

The syllabus content is subject to change to accommodate industry changes. Please note that more detailed syllabus is available at the Department or in the study guide that is applicable to a particular subject. On 27 September 2017, the syllabus content was defined as follows:

A

ACCOUNTING I (ACC120T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Introduction to accounting, accounting concepts and principles, the history of accounting, the accounting equation, adjustments, final accounts and financial statements of sole traders, interpretation of financial statements, stock control systems, bank reconciliation, salaries and wages journal, introduction to partnerships. Application of subject didactic principles to plan, develop and present a lesson on a topic pertaining to the FET curriculum. (Total tuition time: ± 100 hours)

ACCOUNTING II (ACC220T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Introduction to Internal Auditing. Ethics in Accounting. Professional Bodies. Sector accounting. Advanced partnerships. Companies. Close Corporation. Non-profit organisations. Budgeting. (Total tuition time: ± 100 hours)

ACCOUNTING III (ACC320T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Presentation of Financial Statements (Application of IAS 1, GAAP AND IFRS); Provisions and contingent assets and liabilities; Acquisitions and mergers (take-overs); Amalgamations; Capital reconstruction; Contract accounts; Investments (cum div and ex div); Leases; Valuations and liquidations; Introduction to group statements; Deferred taxation; Events after the balance sheet date; Extra-ordinary items with tax implications. Application and integration of the national curriculum, FET Curriculum, Grade 10 -12 and the subject didactics. The development of the appropriate subject policy to demonstrate the organisational, administrative and practical implications on the management of the subject at all levels. (Total tuition time: ± 100 hours)

AFRIKAANS (EDUCATION) I (AFE150T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Language Studies: improvement of language use with the emphasis on reading and writing skills. Aspects of the Afrikaans vocabulary and the use of reference works on Afrikaans, e.g. dictionaries. Literature Studies: a few Afrikaans short stories to apply the skills developed in Language Studies. Language Studies: improvement of language use with the emphasis on reading and writing skills. Writing coherent essays. Literature Studies: a few Afrikaans poems and verse-technical media to apply the skills developed in Language Studies. Application of subject didactic principles to plan, prepare, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 100 hours)

AFRIKAANS (EDUCATION) II (AFE210T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Language Studies: Afrikaans phonetics, incorporating the Afrikaans spelling rules. Literature Studies: basic terms in prose (e.g. theme, character portrayal, action, time and space) on the basis of selected novels and short stories. Language Studies: morphology, with the emphasis on word formation and syntax, with particular reference to the linear order of Afrikaans core sentences and the parts of speech they contain. Literature Studies: poetry: a short overview of the study of literature on the basis of representative poems from every period. Application of subject didactic principles pertaining to the national curriculum for FET Grades 10-12, with the emphasis on the application of Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

AFRIKAANS (EDUCATION) III (AFE300T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Syntax, with the emphasis on defined sentences, including compound sentences, passive form, indirect speech and denial. Literature Studies: drama theory on the basis of a few plays. Semantics, with the emphasis on word relations and the interconnectedness of texts. Practical writing (essays and letters), incorporating the work of the previous three years. Literature Studies: prose, poetry and plays. A selection of works usually studied at school. Incorporation of the literature studies of the previous three years. Application of the subject didactic principles pertaining to the national curriculum for FET Grades 10-12 and the development of an applicable subject policy for the organisational, administrative and practical components of the management of the subject at all levels. (Total tuition time: ± 100 hours)

B

BIOLOGY (EDUCATION) I (BIE100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

An introduction to the microscope and biochemistry, investigating the characteristics of cells and multicellular organisms. The emphasis then shifts to human population ecology/dynamics, ecological relationships, conservation and population. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 125 hours)

BIOLOGY (EDUCATION) II (BIE200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

The emphasis is on the physiology and ecology of plants and animals. Viruses, bacteria, fungi, algae, mosses, ferns and seed plants (gymnosperm and angiosperm) are also studied. The animals are divided into two sub-types, the invertebrates, which include the Protozoa (one-celled animals), Coelenterata, Platyhelminthes, Echinodermata, Annelida (earthworm), Molluscs and Arthropoda, and the Vertebrates, which include Pisces, Amphibia, Aves, Reptilia and Mammalia. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 125 hours)

BIOLOGY (EDUCATION) III (BIE300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Study on the theories of the origin of the earth and evolution of landforms. Introduction to the concept of biodiversity, including taxonomy (classification), systematics of life forms and morphology and phylogeny of living things. (Total tuition time: ± 125 hours)

BUSINESS MANAGEMENT I (BMN130T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Introduction to business management (30%), small business entrepreneurship (50%), administrative function (20%). Applications of subject didactics principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grade 10. (Total tuition time: ± 100 hours)

BUSINESS MANAGEMENT II (BMN240T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Principles of management and management process (20%), operations management (30%), public relations management (10%), purchasing management (40%). Applications of subject didactic principles pertaining to the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

BUSINESS MANAGEMENT III (BMN340T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Human Resources Management (30%), marketing management (30%), financial management (30%) and contemporary issues to be selected annually (10%). Application of subject didactic principles of the national curriculum, FET curriculum Grades 10 - 12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

C

CHEMISTRY (EDUCATION) I (CYE100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

The properties classification and a particle model of matter are investigated. The subject also focuses on the atomic structure, the periodic table and chemical landing. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 125 hours)

CHEMISTRY (EDUCATION) II (CYE200T, CYE210T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

A study of oxidation/reduction reaction, electrochemistry, stoichiometry and solutions, as well as the physical and chemical properties of water. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 125 hours)

CHEMISTRY (EDUCATION) III (CYE300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

A study of inorganic and thermochemistry, as well as the properties of chemical reactions. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

CIVIL TECHNOLOGY I (CVY100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

The emphasis is on basic technical knowledge and skills in the civil field of specialisation. Theory and practical skills are integrated by way of Woodwork Theory (safety measures, hand tools, machine tools and attachments, woodworking joints, timber, design, finishing) and practical work (design, preparation, basic woodworking processes: scale-model examples of selected woodworking joints and manufacturing projects, using hand and machine tools). Civil Technology also focuses on organisation, communication and services (safety and professional services), planning and communication, design procedures (timber, roads and parking sections), installation of cold and hot water supply, heat, drainage and electricity), instruments (tools, bricklaying, plastering, carpeting and plumbing), materials and construction (concrete, brickwork, woodworking, steelwork, roof construction and quantity surveying) as well as applied mechanics. Projects in which the technological process is applied are undertaken to solve technological problems. (Total tuition time: ± 125 hours)

CIVIL TECHNOLOGY II (CVY200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

The emphasis is on basic technical knowledge and skills in the civil field of specialisation. Theory and practical skills are integrated by way of woodwork theory (safety measures, machine tools and attachments, design, making, evaluating and finishing), and practical work (preparation of material, design, manufacturing projects using machines). Civil Technology also focuses on organisation, communication and services, design procedures (CAD, bridges, dams and buildings), installation of solar heating systems, drainage), instruments (dumpy level, test apparatus, slump test, concrete compression test, tensile test for steel), materials and construction (reinforced concrete, glass, cement, aggregates), as well as applied mechanics. (Total tuition time: ± 125 hours)

CIVIL TECHNOLOGY III (CVY300T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
The emphasis is on basic technical knowledge and skills in the civil field of specialisation, with specific reference to the built environment. Theory and practical skills are integrated by means of hands-on practical application of theoretical work (pouring of concrete, bridge building, surveying, conducting practical tests on concrete samples, etc.), organisation, communication and services, design procedures, materials and construction, as well as applied mechanics. (Total tuition time: ± 125 hours)

COMMUNICATION IN AFRIKAANS I (KOA100T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Basic listening and speaking skills – vocabulary, introductions, apologies and motivational speeches. Basic reading skills – vocabulary, texts and comprehensions on education related topics. Basic writing skills – vocabulary, sentences, paragraphs and short essays on education-related topics. (Total tuition time: ± 25 hours)

COMMUNICATION IN AFRIKAANS II (KOA200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Advanced listening and speaking skills – vocabulary, motivational speeches, meeting procedures. Advanced reading skills – vocabulary, texts and comprehensions on education related topics. Advanced writing skills – vocabulary, memos, business letters, invitations. (Total tuition time: ± 25 hours)

COMMUNICATION IN ENGLISH I (COE100T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Communication processes and situations in organisations. Application of basic reading, speaking, listening and writing skills. Basic grammar rules and comprehension skills. (Total tuition time: ± 50 hours)

COMMUNICATION IN ENGLISH II (COE200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Organisational communication. Application of reading, speaking, listening and writing skills. Basic grammar rules and comprehension skills. (Total tuition time: ± 50 hours)

COMMUNICATION IN ENGLISH III (COE300T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Aspects of language usage in the context of the teaching and learning situation, including audibility, clarity, comprehension and practical applications. (Total tuition time: ± 50 hours)

COMMUNICATION IN ISIZULU I (CZU110T) **1 X 3-HOUR PAPER**
COMMUNICATION IN ISIZULU II (CZU200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Basic listening and speaking skills – vocabulary, motivational speeches and meeting procedures. Advanced reading skills – vocabulary, texts and comprehensions on education related topics. Advanced writing skills – vocabulary, memos, business letters and invitations. (Total tuition time: ± 25 hours)

COMMUNICATION IN NORTHERN SOTHO I (CMO100T) **1 X 3-HOUR PAPER**
COMMUNICATION IN NORTHERN SOTHO II (CMO200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Basic reading, speaking, listening and writing skills. Comprehension (exercises and tests). (Total tuition time: ± 25 hours)

COMMUNICATION IN TSWANA I (CMT100T) **1 X 3-HOUR PAPER**
COMMUNICATION IN TSWANA II (CMT200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Basic reading, speaking, listening and writing skills. Comprehension (exercises and tests). (Total tuition time: ± 25 hours)

COMPUTER APPLICATIONS TECHNOLOGY I (CAY100T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Technology and Vocational Education)
To understand basic concepts and terminology of relevant computer hardware and software. The installation and configuration of input and output devices. To identify legal, ethical and security issues related to information technology. To integrate end user computer applications skills e.g. Microsoft Word and Microsoft Excel and to use Microsoft PowerPoint. Application of subject didactic principles pertaining to the national curriculum, FET curriculum, Grade 10. (Total tuition time: ± 125 hours)

COMPUTER APPLICATIONS TECHNOLOGY II (CAY200T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Technology and Vocational Education)
Theory: getting more out of your software. Using the Internet. Managing files and folders. Mobile technology. Computers in the workplace: networks, connecting up a small LAN of your own. Word processing with Microsoft Word. Spreadsheets with Microsoft Excel. Databases with Microsoft Access. Presentations with Microsoft PowerPoint: information management. (Performance Application Task) research project. Specific subject didactics: official policy documents. Lesson designing and lesson presentation. Setting up question papers and memoranda. (Total tuition time: ± 125 hours)

COMPUTER APPLICATIONS TECHNOLOGY III (CAY300T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Technology and Vocational Education)
Basic concepts of IT and interrelationships. Management and communication of information. Application of end-user computing skills and knowledge. Provision of solutions related to the processing and presentation of information. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

COMPUTER SCIENCE I (CMS110T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Use basic information and communication technologies and relevant, fundamental terminology. Apply standard methods and techniques to communicate electronically. Identify social and ethical issues relating to the use of information and communication technologies. Design and use electronic tools to solve standard, routine problems. Apply the principles of the national curriculum and use prescribed Information Technology Grade 10 content to plan Grade 10 lessons. (Total tuition time: ± 125 hours)

COMPUTER SCIENCE II (CMS200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Provide details of information and communication technologies, using applicable terminology. Provide details of the methods and techniques used to communicate electronically. Describe and evaluate the effect of the use of information and communication technologies on the society and environment. Design and use existing electronic tools to solve advanced problems implementing appropriate methods. Prepare assessment activities and tools applying the principles of the Subject Assessment Guidelines for Information Technology. Present a lesson incorporating relevant LTSM and applying professional presentation skills. (Total tuition time: ± 125 hours)

COMPUTER SCIENCE III (CMS310T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Apply, evaluate and integrate knowledge of information and communication technologies. Evaluate the methods and techniques used to communicate electronically. Justify decisions made with regard to the ethical and professional use of information and communication technologies. Design and use existing electronic tools to solve complex problems implementing a range of methods. Use all official DoE documents to plan, present and perform administration of Information Technology. Create an environment conducive to learning. (Total tuition time: ± 125 hours)

CONSUMER STUDIES I (CSS100T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Mathematics, Science and Business Education)
Family resource management, community extension work, family cycle and development, socialisation and adaptation. Communication and stress management. Support system and primary health-care. Home management, including financial management, management of household work, decision making, food management, food evaluation and entrepreneurship. Clothing and soft furnishing products, including needlework, pattern and pricing. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum for Grades 10 to 12. (Total tuition time: ± 100 hours)

CONSUMER STUDIES II (CSS200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Mathematics, Science and Business Education)
Buying and planning a house: buying a house, architectural plans, interior decoration, elements and principles of design, colour, surface and finishes: wall treatment, floor treatment and window treatment. Household textiles. Interior styles, lighting, heating, ventilation and insulation. Fashion trends, choice of clothing, fiber to fabric and clothing outlets. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum for Grades 10 to 12. (Total tuition time: ± 100 hours)

CONSUMER STUDIES III (CSS300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

An ecological approach to housing: housing choice, micro-environment and housing, housing provision and financial law, financial management: income concepts, management environment, management functions, purchasing transactions and financial management in small business. Consumerism: consumer rights and responsibilities, consumer behaviour and factors, family as consumer, marketing. Consumer protection: work study: introduction to work study, work/workplace. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum for Grades 10 to 12. (Total tuition time: ± 100 hours)

E

ECONOMICS I (ECN130T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

The nature and scope of economics as a social science, the price theory, rational behaviour of consumers, production processes, fiscal policy, inflation and economic history. Application of subject didactic principles to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum. (Total tuition time: ± 100 hours)

ECONOMICS II (ECN220T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Micro theory: demand and supply, elasticity, customer equilibrium, production, determining prices and output, perfect and imperfect completion. Macro theory: national accounts, macro-economic cycle. Monetary theory: demand for the supply of money. Specific Subject Didactics: curriculum: application of subject didactic principle pertaining national curriculum, FET curriculum (Grade 10-11), application of national curriculum, FET subject guidelines. (Total tuition time: ± 100 hours)

ECONOMICS III (ECN320T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

International trade: theory of absolute cost advantage and theory of comparative cost advantage, production possibilities, equilibrium in an open economy, factor movement in an international trade, international trade policy. Monetary economics: monetary policy, public (government) economics: the role of government in the economy, government intervention, fiscal policy, public expenditure, coordinating fiscal and monetary policy. Development economics: development and growth, the development gap, developing countries, development bodies, development policy (the role of agriculture), development planning. Current economic problems: Inflation, unemployment. Specific subject didactics: curriculum: application of subject didactics principles pertaining national curriculum, FET curriculum (Grade 11-12), the development of appropriate subject policy to demonstrate the organisational and administrative and practical implications of how the subject is managed at all grades. (Total tuition time: ± 100 hours)

EDUCATION PRACTICE (EUP401T) **CONTINUOUS ASSESSMENT**

(Subject custodian: Department of Educational Foundation)

Students must complete six months of work-integrated learning or educational practice at FET institutions that offer their areas of specialisation. Compulsory practical experience involves being a teaching assistant for the teacher appointed as supervisor for a particular subject or subjects, involvement in a community project over the six months (the focus will be on community development, organisation and coaching of extramural activities, for example, sport and cultural), and discipline and professionalism during placement. Students must comply with the rules and regulations of the institutions where they are placed, as well as those of the Department of Education. Any disciplinary action taken by supervisors will be noted on students' records. Supervisors are to complete confidential reports on students' performance. On returning from work-integrated learning, students are debriefed and reports are discussed individually for remedial action. Students are required to comply with the Code of Conduct for Educators of the Professional Council for Educators of their country. (Total tuition time: six months)

EDUCATIONAL MANAGEMENT I (EGT100T) **1 X 2-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

Principles of classroom management and basic management functions. (Total tuition time: ± 38 hours)

EDUCATIONAL MANAGEMENT II (EGT200T) **1 X 2-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

Elements of the teaching and learning situation and management areas in the classroom. (Total tuition time: ± 38 hours)

EDUCATIONAL MANAGEMENT III (EGT300T) **1 X 2-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
The law relating to the educator and the education environment. (Total tuition time: ± 38 hours)

EDUCATIONAL MANAGEMENT IV (EGT401T) **1 X 2-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
The educator in the professional environment and areas of educational management. (Total tuition time: ± 25 hours)

ELECTRICAL TECHNOLOGY I (ELY100T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Basic technical knowledge and skills in the electrical field of specialisation. Theory is integrated with practical work through basic experiments and processes conducted in workshops and laboratories. Projects and experiments in which the technological process is applied are undertaken to solve technological problems (e.g. project: electrical door buzzer). Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 125 hours)

ELECTRICAL TECHNOLOGY II (ELY200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Basic technical knowledge and skills in the electrical field of specialisation. Theory is integrated with practical work through basic experiments and processes carried out in workshops and laboratories. Projects and experiments in which the technological process is applied are conducted to solve technological problems (e.g. project: earth-leakage tester). Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 125 hours)

ELECTRICAL TECHNOLOGY III (ELY300T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Basic technical knowledge and skills in the electrical field of specialisation. Theory is integrated with practical work through basic experiments and processes carried out in workshops and laboratories. Projects and experiments in which the technological process is applied are conducted to solve technological problems (e.g. project: power supply or battery charger, complete construction: PCB, wiring, housing). Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

ENGINEERING GRAPHICS AND DESIGN I (EGD100T) **1 X 4-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Basic graphic representation of ideas in the design and manufacturing processes covered in the practical skills workshops. Development of drawing skills using various techniques. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 125 hours)

ENGINEERING GRAPHICS AND DESIGN II (EGD200T) **1 X 4-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Graphic representation of design ideas as a basic condition for effective design and manufacturing processes in technology education subjects, including practical work. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 125 hours)

ENGINEERING GRAPHICS AND DESIGN III (EGD300T) **1 X 3-HOUR PAPER AND 1 X 4-HOUR PAPER**
(Subject custodian: Department of Technology and Vocational Education)
Graphic representation, using various techniques such as orthographic and isometric skills, as a basic condition for designing and manufacturing technology products and processes in the workshop or laboratory. Practical work. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

ENGLISH (EDUCATION) I (ENE130T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Working towards improved proficiency in English, stimulation of communication in English in the four skills. Correction of grammatical, pronunciation and spoken errors. Reading of short stories and novels. Remedial exercises in English grammar, working towards the improvement of oral and written communication. Reading of novels, plays and poetry. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 100 hours)

ENGLISH (EDUCATION) II (ENE210T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

A study of the English grammatical system, the teaching of grammar, functional meanings. Reading of novels, plays, short stories and poetry. A study of the English sound system, phonemic transcriptions, the teaching of correct pronunciation. The reading of novels, the teaching of literature. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

ENGLISH (EDUCATION) III (ENE300T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Basic elements of poetry, drama and prose. An introduction to critical and analytical methods. A study of selected poems, plays and novels. The teaching of literature, an introduction to Shakespeare, reading of a selection of Shakespeare's plays, the teaching of Shakespeare. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

ENTREPRENEURSHIP I (ENT100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

An introduction to entrepreneurial skills, business management (20%), small business and entrepreneurship (80%). Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 100 hours)

ENTREPRENEURSHIP II (ENT200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Interpreting and applying specific outcomes, assessment criteria and performance indicators for the economic and management sciences learning area. Engaging in entrepreneurial activities, demonstrating the personal role in the economic environment, managerial expertise and administrative proficiency, and critically analysing economic and financial data to make decisions. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

ENTREPRENEURSHIP III (ENT300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Interpreting and applying specific outcomes, assessment criteria and performance indicators for the economic and management sciences learning area. Engaging in entrepreneurial activities, demonstrating the personal role in the economic environment, managerial expertise and administrative proficiency, and critically analysing economic and financial data to make decisions. Engaging in a project as a group. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

F

FOOD AND NUTRITION I (FNU110T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

FOOD: basic cookery methods including measuring, recipe instructions and interpretations, food selection and basic preparation skills for baked products, cereals and starch products, herbs and spices, salad and salad dressings, soups, sauces and stocks, eggs, dairy products, legumes, nuts, vegetables and fruit. NUTRITION: basic nutrition concepts, food and nutrient guides, basic nutrients and their functions and nutrition and menu planning. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the current FET curriculum for Grades 10-11. (Total tuition time: ± 125 hours)

FOOD AND NUTRITION II (FNU210T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Mathematics, Science and Business Education)
FOOD: basic principles of cooking food in food groups, such as meat, fish, poultry, frozen desserts, sugar cookery and flour mixes, food preservation. NUTRITION: meal planning and food choices, nutrition throughout the life cycle. Application of subject didactic principles pertaining to the current FET curriculum for Grades 10-12, with emphasis on the application of the current FET Subject Assessment Guidelines. (Total tuition time: ± 125 hours)

FOOD AND NUTRITION III (FNU310T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Mathematics, Science and Business Education)
FOOD: the banquet menu and advanced preparation techniques, providing food for different cultural needs. NUTRITION: factors influencing dietary patterns for different traditions of ethnic, religious and other groups in Southern Africa. Nutrition and food-related health conditions – causes and eating habits to prevent or manage health disorders. Application of subject didactic principles of the current FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

G

GENERAL SUBJECT DIDACTICS: DIDACTICS I (GSD10PT) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Introduction to didactic principles and the relevance to subject didactics. Microteaching and mini-lesson presentations. Introduction to teaching and learning media application. Introduction to basic learning theories and strategies. Students should apply the knowledge, skills and attitudes to specific subjects or field of study. (Total tuition time: ± 75 hours)

GENERAL SUBJECT DIDACTICS: DIDACTICS II (GSD20PT) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Didactic principles as applied to subject didactics. Designing a theory and a demonstration lesson. The importance of safety, health and education (SHE) in the teaching and learning environments. Presentation, preparation and creation of lesson material and media for teaching. Assessment and evaluation in the subject didactic situation. Students should interpret appropriate outcomes in their specific subject and various learning areas. (Total tuition time: ± 75 hours)

GENERAL SUBJECT DIDACTICS: DIDACTICS III (GSD30PT) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Didactic principles and its application to diverse didactic situations. Didactic environments for the teaching and learning. The effective use of projected and non-projected visual media. Curriculum development during designing and structuring of lessons. Students should evaluate and assess the teaching and learning process in their specific learning areas. (Total tuition time: ± 75 hours)

GENERAL SUBJECT DIDACTICS: EDUCATIONAL PRACTICE I (GSD10QT) **CONTINUOUS ASSESSMENT**
GENERAL SUBJECT DIDACTICS: EDUCATIONAL PRACTICE II (GSD20QT) **CONTINUOUS ASSESSMENT**
GENERAL SUBJECT DIDACTICS: EDUCATIONAL PRACTICE III (GSD30QT) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Teaching practice (four weeks): logbook and portfolio with assignments needed. (Total tuition time: one month)

GENERAL SUBJECT DIDACTICS IV (GSD401T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Broad descriptions of didactic principles in various didactic situations. The changes in the teaching and learning environments. CMI and CAI and the development of the media environment. Instructional models: systematic design of instruction. Continuous improvement of evaluation and assessment criteria for various learning areas. Equity issues in South Africa: social and legal perspectives. Law of education: legal principles and current legalisation trends in the education and training environment. Students should demonstrate a clear understand and ability to use equity law and legal principles. (Total tuition time: ± 60 hours)

H

HOTELKEEPING AND CATERING I (HTK110T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

The hotel and catering industry, including history and associations, types of hotels, hotel organisation in all departments, front-office management, tourism, hotel management. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 100 hours)

HOTELKEEPING AND CATERING II (HTK210T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

The role of food service institutions in the community, food service systems, facility layout in hotels, equipment, sanitation, safety. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

HOTELKEEPING AND CATERING III (HTK310T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Quantity catering: quantity catering, including menus, restaurant interior, table lying, styles of service, types of functions, work schedules, waiter service, serving of alcoholic beverages and tobacco. Administration: Large-scale food preparation administration, including purchasing, receiving, storing, issuing, production planning, waste control, recipes. Food service budget. Cost control. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

L

LIFE ORIENTATION I (LIO100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

Overview of theoretical approaches to career counselling and a critical evaluation some approaches. A theoretical framework for life skills in guidance and counselling and the application of emotional and cognitive regulation in their own life. Identification, application and evaluation of multiple intelligences in career and life skills. Identification of life skills in a multicultural society. Life Orientation as a survival kit for the 21st century and the application of knowledge and skills as a survival kit. HIV/AIDS and trauma among learners and educators as well as ways to mitigate the consequences of HIV/AIDS. Study and learning skills and the application of the skills in their learning process; and Application of subject didactic principles to plan, develop and present a topic in the national curriculum, curriculum for Grade 10. (Total tuition time: ± 100 hours)

LIFE ORIENTATION II (LIO200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

Application of facilitation skills in the Life Orientation classroom. Different approaches to career assessment skills. Integration of narrative therapy in career counselling. Application of career management skills. Application of career skills as a life skills; The psychodynamic perspective on work and mental health. Application of job finding skills. Application of entrepreneurial skills. Application of teaching and management skills in the Life skills classroom. Application of subject didactic principles to plan, develop and present a topic in the national curriculum for Grade 11. Compilation of a subject file for Life Orientation. (Total tuition time: ± 100 hours)

LIFE ORIENTATION III (LIO300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

A model for establishing responsible social behaviour. Relationship choices. Communication choices. Choices for sexual behaviour. Choices to avoid gender-based and sexual abuse. Choices for persons infected or affected by HIV and AIDS. Media choices. Dangers of alcohol and substance abuse and apply smart choices. Application of didactic principles and knowledge regarding the teaching of Life Orientation. (Total tuition time: ± 100 hours)

M

MATHEMATICAL LITERACY I (MLY100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

NUMBERS AND THEIR RELATIONSHIPS: fractions, decimals and percentages. Distributive, Communicative and Associative laws. Ratio and proportion. Income, expenditure, cost price, commission, discount, profit and selling price. Simple interest and compound interest. FUNCTIONAL RELATIONSHIPS: cartesian coordinate system. Solutions to linear equations. Simple linear and quadratic functions. SPACE, SHAPE AND MEASUREMENT: Measurement of length, distance, volume, area and perimeter of polygons and circles, and estimate error in measurement. Use and interpret scale drawings. Define and use the trigonometric ratios and interpret situations and problems about heights, distance and positions. DATA HANDLING: collect and organise data. Tally and frequency table. Simple and compound bar graphs. Line and broken-line graphs. Ogives of accumulative frequencies. Pie chart and histograms; Measures of central tendencies: mean, mode, median and range. (Total tuition time: ± 100 hours)

MATHEMATICAL LITERACY II (MLY200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

NUMBERS AND THEIR RELATIONSHIPS: positive exponents. Solving quadratic equations: factorisation and application of quadratic formula. Solving simple simultaneous equations. Annuities and mortgages. Taxation (Personal Tax, company tax and VAT). Imports/exports. Levies and rebates. FUNCTIONAL RELATIONSHIPS: Simple and linear inequalities. Simple, exponential and logarithmic functions. SPACE, SHAPE AND MEASUREMENT: estimate, measure and calculate perimeters and areas of polygons. Surface area and volumes of right prism and right circular cylinders. Trigonometric ratios: sinx, cosx, tanx. DATA HANDLING: Frequency tables. Ogives of cumulative frequencies; Measures of dispersion. Elementary probability. Probability of events. Venn diagrams. (Total tuition time: ± 100 hours)

MATHEMATICAL LITERACY III (MLY300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

NUMBERS AND THEIR RELATIONSHIPS: matrices. Solving systems of equations using Cramer's rule. Exchange rate, Interest offerings and bank charges. Different retirement options. Index changes (CPI, BCI). Functional relationships: Linear programming with two variables. Rational functions. SPACE, SHAPE AND MEASUREMENT: area rule, sine rule and cosine rule. Geometry of a circle. Circle with the center at the origin. Circle with the centre not at the origin. DATA HANDLING: the normal distribution. Area under a normal curve. Using tables under the normal curve; Computation of proportions. The central limit theorem. Correlation. Scatter diagrams. The spearman product-moment correlation coefficient. The spearman rank correlation coefficient. Interpretation of the correlation coefficient. (Total tuition time: ± 100 hours)

MATHEMATICS I (MAT150E) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Basic principles. Complex numbers and theory of polynomials. Functions. Exponential and logarithmic functions. Trigonometry. Coordinate geometry. Circle. Matrices. Partial fractions. (Total tuition time: ± 100 hours)

MATHEMATICS II (MAT260E) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Linear programming. Binomial theorem. Series and progressions. Vectors. Conic section. Limits and continuity. Differentiation. Integration. Data handling. (Total tuition time: ± 100 hours)

MATHEMATICS III (MAT340E) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Systems of linear equations: Matrices. Infinite series. Vector spaces. First-order differential equations. Second-order differential equations. Statistics and probability. (Total tuition time: ± 100 hours)

MECHANICAL TECHNOLOGY I (MHY100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Basic technical knowledge and skills in the mechanical field of specialisation. Theory and practical skills are integrated through basic experiments and metalwork processes conducted in workshops. Projects in which the technological process is applied are undertaken to solve technological problems. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 125 hours*)*

MECHANICAL TECHNOLOGY II (MHY200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Basic technical knowledge and skills in the mechanical field of specialisation. Theory and practical skills are integrated through basic experiments and metalwork processes conducted in workshops. Projects in which the technological process is applied are undertaken to solve technological problems. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 125 hours)

MECHANICAL TECHNOLOGY III (MHY300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Basic technical knowledge and skills in the mechanical field of specialisation. Theory and practical skills are integrated through basic experiments and metalwork processes (fitting and turning processes) conducted in workshops. Projects in which the technological process is applied are undertaken to solve technological problems. Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

N

NORTHERN SOTHO (EDUCATION) I (SNE110T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Introduction to the study of African languages. Aspects of morphology. Aspects of phonology. Novels and short stories. Oral prose. Poetry and drama. Oral poetry. (Total tuition time: ± 100 hours)

NORTHERN SOTHO (EDUCATION) II (SNE210T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

Aspects of grammar. Comparative Nguni. Aspects of morphology. Aspects of phonology. Selection of traditional and modern prose. Traditional and modern poetry. Oral discussion of selected literary passages. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

NORTHERN SOTHO (EDUCATION) III (SNE310T) **2 X 2-HOUR PAPER**

(Subject custodian: Department of Applied Languages)

General linguistics. Socio-linguistics. Aspects of syntax. Selected modern and traditional prose. Selected modern poetry. Selected modern drama. Oral (discussion of selected literary passages). Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

P

PHYSICAL SCIENCE I (FWS100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Importance of physical measurement and introduction to chemistry. The structure of the atom, the quantum theory, chemical periodicity, chemical formulas and composition stoichiometry, chemical equations, reaction stoichiometry and some chemical reactions. Ionic and covalent bonds. Metallurgy of the main-group elements and the chemistry of the non-metals. Vectors, kinematics in one and two dimensions, momentum, forces and Newton's laws of motion, work and energy, electrostatics, electric potential, electricity. (Total tuition time: ± 125 hours)

PHYSICAL SCIENCE II (FWS200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Mathematics, Science and Business Education)

Acids, bases and salts, Arrhenius, Bronsted-Lowry and Lewis concepts, oxidation-reduction reactions, the dissolution process, colligative properties of solutions and colloid formation, properties of solutions. State of matter: gases, liquids and solids. Gases and the kinetic-molecular theory. Chemical equilibrium, the equilibrium constant and Le Chatelier's principle, self-ionisation of water and pH. Circular motion, simple harmonic motion, vibrations and waves, magnetism, electromagnetic induction. Temperature and heat. (Total tuition time: ± 50 hours)

PHYSICAL SCIENCE III (FWS300T, FWS310T) **1 X 3-HOUR PAPER**
(Subject custodians: Departments of Mathematics, Science and Business Education and Physics)
Acid-base equilibria, solutions of weak acids and weak bases. Thermo-chemistry, understanding heats of reactions and using heats of reaction, including Hess's Law. Chemical kinetics, reaction rates and reaction mechanisms. Solubility and complexion equilibria. Thermodynamics and equilibria. Electrochemistry. Organic chemistry. Heat and temperature of solids and liquids. Electromagnetic waves, geometric optics, particles and waves, alternating current, capacitors, electronics, thermodynamics. (Total tuition time: ± 125 hours)

S

SCHOOL GUIDANCE AND COUNSELLING I (SGC100T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
Orientation to the aims and nature of school guidance, study guidance, school readiness, subject and school type of guidance, personal guidance, parent guidance. Aspects of life orientation (intermediate phase), practical work, such as interviewing and diagnostic. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET: LO curriculum Grades 10-11. (Total tuition time: ± 100 hours)

SCHOOL GUIDANCE AND COUNSELLING II (SGC200T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
School guidance: general principles, individualisation and differentiation, personal guidance, parent guidance, group dynamics and group guidance. Aspects of life orientation (senior phase). Practical work: interviewing and group work, diagnostic and recording, school guidance practice in schools, case study conferences, professional associations (career ethics). Application of subject didactic principles pertaining to the national curriculum, FET: LO curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

SCHOOL GUIDANCE AND COUNSELLING III (SGC300T) **1 X 3-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
School guidance: schools of thought in guidance and their influence on school guidance, career choice guidance, study guidance, personal guidance, parent guidance, group dynamics and group guidance. Aspects of life orientation (NQF Levels 2, 3 and 4). Practical work: interviewing and group work, diagnostic and recording, organisation of school guidance practice in schools, case studies, professional associations (career ethics). Application of subject didactic principles of the national curriculum, FET: LO curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

SKILLS AND LIFE ORIENTATION I (SLO100T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Philosophy of life and life skills: religion, basic study methods, community involvement, the role of the individual in the economy, and entrepreneurship. Computer literacy (theory and application): basic insight into data processing and computer systems, working knowledge of operating systems, basic keyboard skills, word processing and spreadsheets. (Total tuition time: ± 50 hours)

SKILLS AND LIFE ORIENTATION II (SLO200T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Philosophy of life and life skills, including comparatives in religious views, self-management skills, meeting procedures, principles of technology education and loss control. (Total tuition time: ± 50 hours)

SKILLS AND LIFE ORIENTATION: SPORT MANAGEMENT AND COACHING III (SMC301T) **CONTINUOUS ASSESSMENT**
(Subject custodian: Department of Educational Foundation)
Sport management, environmental education and safety measures. (Total tuition time: ± 30 hours)

T

TECHNOLOGICAL DESIGN I (TCD100T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Students gain insight into the communication process and design principles and apply them in a technological context. Drawing practices are applied to present technological ideas and designs accurately and effectively. Appropriate information to present ideas graphically are observed and selected. Computer graphics are used and drawings interpreted. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 100 hours)

TECHNOLOGICAL DESIGN II (TCD200T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Students gain insight into advanced design principles and apply them in a technological context. Advanced drawing practices are applied to present technological ideas and designs accurately and effectively. Current forces, systems and processes are presented graphically. Computer-aided drawings are applied at an introductory level and complex drawings are interpreted. Design models/projects are designed and scale models are produced from working drawings. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

TECHNOLOGICAL DESIGN III (TCD300T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

The application of design practice, drawing practice and computer-aided drawing in a technological environment. Multimedia applications are introduced, using the computer as a communication tool. The application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)

TECHNOLOGY (SENIOR PHASE) I (THE110A) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Introduction to technology (20%), materials (20%), products and systems (40%) and graphic communication (20%). Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the RNCS GET curriculum Grades 7-9. (Total tuition time: ± 125 hours)

TECHNOLOGY (SENIOR PHASE) II (THE230T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Hydraulics and pneumatic systems (20%), communication systems (20%), electrical systems (30%), water and structures (30%). Application of subject didactic principles pertaining to the RNCS GET curriculum, as well as appropriate assessment instruments to assess the achievement of specified outcomes. (Total tuition time: ± 125 hours)

TECHNOLOGY (SENIOR PHASE) III (THE330T) **1 X 3-HOUR PAPER**

(Subject custodian: Department of Technology and Vocational Education)

Biotechnology systems (20%), food technology (30%), textile technology (25%) and production (25%). Application of subject didactic principles of the RNCS GET curriculum Grades 7-9, as well as the development of a suitable subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 125 hours)

THEORY OF EDUCATION I (TOE100T) **1 X 2-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

Learning theories. Emotional development of learners. Social development of learners. Learning styles and Implication of different learning styles in the classroom. Thinking styles and Implication of different thinking styles in the classroom. Types and forms of assessment. Assessment of Learning (AoL) and assessment for learning. Minimum requirements for teacher Education Qualifications: MRTEQ: competencies of beginner teachers. (Total tuition time: ± 38 hours)

THEORY OF EDUCATION II (TOE200T) **1 X 2-HOUR PAPER**

(Subject custodian: Department of Educational Foundation)

Perspectives in Psychopedagogics and Sociopedagogics. (Total tuition time: ± 38 hours)

THEORY OF EDUCATION III (TOE300T) **1 X 2-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
Historical, comparative and philosophical perspectives on the theory of education. (Total tuition time: ± 38 hours)

THEORY OF EDUCATION IV (TOE401T) **1 X 2-HOUR PAPER**
(Subject custodian: Department of Educational Foundation)
Relevant issues in theory of education. (Total tuition time: ± 25 hours)

TSWANA (EDUCATION) I (TSE110T) **2 X 2-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Introduction to the study of African languages. Aspects of morphology. Aspects of phonology. Novels and short stories. Oral prose. Poetry and drama. Oral poetry. Application of subject didactic principles: to plan, develop and present a lesson on a topic pertaining to the national curriculum, FET curriculum Grades 10-11. (Total tuition time: ± 100 hours)

TSWANA (EDUCATION) II (TSE210T) **2 X 2-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
Aspects of grammar. Comparative Nguni. Aspects of morphology. Aspects of phonology. Selection of traditional and modern prose. Traditional and modern poetry. Oral discussion of selected literary passages. Application of subject didactic principles pertaining to the national curriculum, FET curriculum Grades 10-12, with the emphasis on the application of the national curriculum, FET Subject Assessment Guidelines. (Total tuition time: ± 100 hours)

TSWANA (EDUCATION) III (TSE310T) **2 X 2-HOUR PAPER**
(Subject custodian: Department of Applied Languages)
General linguistics. Sociolinguistics. Aspects of syntax. Selected modern and traditional prose. Selected modern poetry. Selected modern drama. Oral (discussion of selected literary passages). Application of subject didactic principles of the national curriculum, FET curriculum Grades 10-12, as well as the development of an appropriate subject policy to demonstrate the organisational, administrative and practical implications of how the subject is managed at all levels. (Total tuition time: ± 100 hours)