CALENDAR 2010

FACULTY OF EDUCATION
SCIENCES

UNDERGRADUATE PROGRAMMES

BEd

Potchefstroom Campus

PLEASE MENTION YOUR UNIVERSITY NUMBER IN ALL CORRESPONDENCE

The General Academic Rules of the University, to which all learners have to subject themselves and which apply to all the qualifications offered b the University, appear in a separate publication and are available on the web page at
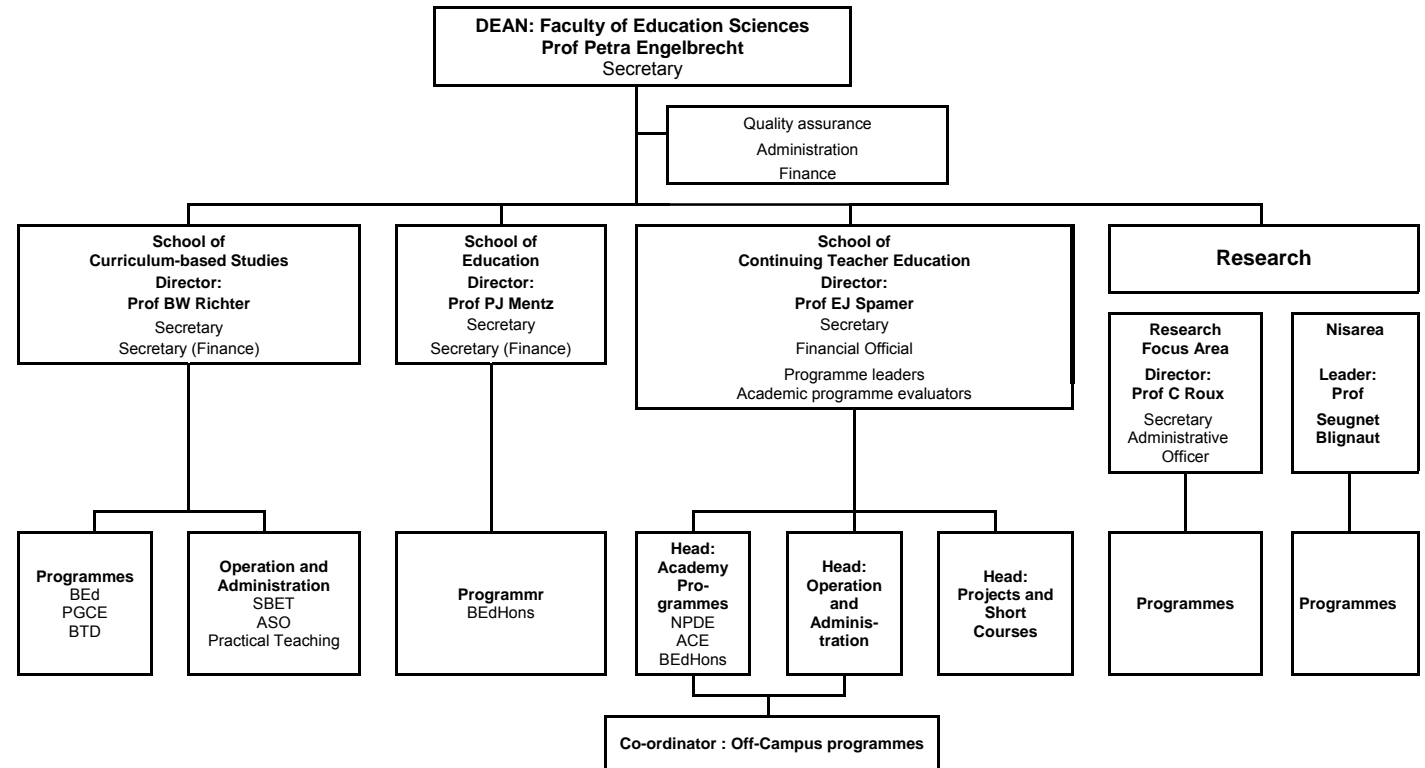
http://www.puk.ac.za/beheer-bestuur/beleid-reels.htm

Please Note: Although the information in this Calendar has been compiled with the utmost care and accuracy, the Council and the Senate of the University accept no responsibility, whatsoever for errors that may occur. Before learners finally decide on the selection of modules, they must consult the class timetable. If a clash occurs in the planned selection of a learner, the relevant module combination is not permitted.

Table of contents

2

4

DEAN: Faculty of Education Sciences
Prof Petra Engelbrecht
Secretary

Quality assurance

Administration

Finance

School of
Curriculum-based Studies
Director:
Prof BW Richter
Secretary
Secretary (Finance)

School of
Education
Director:
Prof PJ Mentz
Secretary
Secretary (Finance)

School of
Continuing Teacher Education
Director:
Prof EJ Spamer
Secretary
Financial Official
Programme leaders
Academic programme evaluators

Research

Research
Focus Area
Director:
Prof C Roux
Secretary
Administrative
Officer

Nisarea

Leader:
Prof
Seugnet
Blignaut

Programmes
BEd
PGCE
BTD

Operation and
Administration
SBET
ASO
Practical Teaching

Programmr
BEdHons

Head:
Academy
Pro-
grammes
NPDE
ACE
BEdHons

Head:
Operation
and
Adminis-
tration

Head:
Projects and
Short
Courses

Programmes

Programmes

Co-ordinator : Off-Campus programmes

OFFICIALS

DEAN
Prof. P. Engelbrecht (BA, HED, BEd, MEd, PhD)

DIRECTORS

School for Curriculum-based studies

Prof. B.W. Richter (BA, BA Hons, MA, PhD, UED)

School of Education

Prof PJ Mentz (BA, HED, BEd, MEd, DEd, Dipl Ters. Education (Cum Laude))

School of Continuing Teacher Education

Prof. E.J. Spamer (BA, BA Hons, MA, PhD, HED)

Research Focus Area: Teaching–Learning organisations

Prof C Roux (BA, SED, BA HONS, MA (Cum Laude), DPHIL)

Faculty board

1.   **Directors**
- School for Curriculum-based Studies (SCS)
- School of Education (SE)
- School of Continuing Teacher Education (SCTE)
- Research Focus Area (RFA)

2.   **Faculty representatives in the Campus Senate**

3.   **Faculty representatives in the Institutional Senate**

4.   **Research professors: SCTE, SCS, and SE**

5.   **Programme leaders**
- B.Ed.:
  - Foundation phase
  - Intermediate and Senior phase
  - Senior and Further Education and Training phase
  - Senior and Further Education and Training phase (FET Technology):
- PGCE
- BTD
- Hons. B.Ed
- MEd. & PhD.
- ACE
- NPDE

6.   **Subject group chairpersons**

7.   **Head: Academic (SCTE)**

8.   **Head: Management and Administration (SCTE)**

9. **Head: Business and Administration (SE and SCS)**

10. **Head: Projects and Short Courses (SCTE)**

11. **Head: Section for Student Support**

12. **Student representatives**

13. **Administrative Manager (ex-officio) (Minute keeper)**

1. TEACHING POLICY

The teaching policy of the Faculty of Education Sciences is aligned with the vision and mission of the North-West University and the Faculty of Education Sciences. The policy determines the following aspects that are relevant to teaching in the Faculty:

- Effective teaching;
- Education, teaching, and training;
- Medium of instruction;
- Teaching based on religiously-grounded values;
- Quality assurance;
- Support of staff;
- Modes of delivery;
- Assessment; and
- Technology and teaching.

2. RESEARCH POLICY

The research policy of the Faculty of Education Sciences is aligned with the mission of the North-West University to develop and sustain high quality, relevant and focused research, in order to supply innovative solutions to the educational challenges faced by the scholarly community, the country, the continent and the world. The Faculty realises this mission through its research focus on teaching–learning organisations and educational technology for effective teaching, learning and facilitation, respectively.

3. RESEARCH IN THE FACULTY

Research in the Faculty is grouped under two research entities: a niche area and a research focus area.

The 2004 White Paper on e-Learning encourages the implementation and educational use of Information Technology for teaching and learning in South Africa. Research within the niche area **Educational Technology for Effective Teaching, Learning and Facilitation** supports social development within the Information Age and consists of three sub-programmes:

- Technology-enhanced Learning of Everyday Skills in Developing Contexts;
- Information and Communication Technologies in Education; and
- Dynamics of Digital Learning Environments.

The research focus area **Teaching–Learning Organisations** intends to contribute meaningfully and purposefully, through quality and relevant research, towards the improvement of the quality of learning and teaching in educational institutions. In order to

attain this goal, a number of research priorities were identified and structured into two programmes, each with a number of sub-programmes. These programmes are:

Programme 1   Creation of Sustainable Support and Working Environments in Diverse Educational Contexts

- Support Strategies for Learner and Teacher Support;
- Effective Working Environments in Diverse Education Organisations;
- Policy Implementation and Evaluation as Determinants for geborgenheit in Education;
- Quality Literacy within Diverse Teaching and Learning Environments;
- Health Promotion through Education Innovation, Development and Intervention; and
- Sustainable and Empowering Learning Environments.

Programme 2   Effective Teaching and Learning Strategies and Curriculum Development in Diverse Educational Contexts

- Language Knowledge and Skills for Enhanced Teaching and Learning Across the Curriculum in SA Classrooms;
- Development of Critical Teaching and Learning Skills;
- Innovative and Sustainable Teaching and Learning Praxis in Mathematics, Technology, Natural and Computer Science Education (MTNCSE); and
- Human Rights Education in Diverse Social Contexts.

4.   FACULTY RULES

4.1   AUTHORITY OF THE A-RULES

The faculty rules that apply to the different qualifications, programmes and curriculum's of the faculty and that are included in this faculty calendar are subject to the general rules of the University as determine from time to time by the University Council as recommended by the Senate and must be read with the general rules.

4.2   FACULTY SPECIFIC RULES (for example Exam sub-minimum)

4.2.1   Examinations

4.2.1.1   Admission to examinations

Admission to examinations in any module in which examinations are written is gained by obtaining a proof of participation from the school director after you has given proof that the teaching-learning instructions have been executed according to the curriculum prescriptions in the study guide.

4.2.1.2   Participation marks

a) Participation marks for a module are compiled from tests, assignments and practical work where applicable.
b) The relation between theory and practical work in calculating the participation marks is explained in the study guide concerned.

4.2.1.3   Module marks

Module marks for a module in which examinations are written are calculated according to the prescriptions of A.1.38 and A.8.7.4 in accordance with the relation between the participation marks and the examination marks. The relation for a specific module is indicated by the relevant module outcomes at the end of the faculty rules in this annual or yearbook.

4.2.1.4 Progress and pass requirements of a curriculum

a) The sub-minimum for all modules in which examinations are written is 40 % (A.8.7.5).

b) The pass requirements for a module are 50 % (A.8.7.1).

c) The module marks of a student who is registered at this university for the first time and fails a first level module of the first semester may be changed to pass marks of 50 % if he/she obtains examination marks of at least 50 % in that module (A.8.7.3).

d) Passing all the separate modules of which the curriculum is compiled passes a curriculum.

4.2.1.5 Repetition of modules

A student may, at the most, in any module, take the examination twice within the twelve months following the date of the student's first registration for such a module, after which the module concerned must be repeated.

4.2.2 OTHER RULES

4.2.2.1 Language competency

All learners must obtain two language endorsements. Learners (non-mother tongue speakers) automatically obtain an a, e and any other official language on the grounds that they have passed matric. Non-mother tongue speakers wishing to qualify for an A. E or T must report for a language competency test for which an additional payment must be made. Mother tongue speakers must report for the conferment of an A, E or T.

4.2.2.2 Compulsory certificates

a) Obtaining an accredited first aid certificate is compulsory for the following module: PRTC 322.

b) A certificate related to a sport (e.g. athletics official, rugby coach, etc.) as well as a certificate related to culture (e.g. Voortrekkers, choir training, etc.) must be obtained.

c) Movements Science students MUST obtain at least two (2) sport coaching certificates before the end of their fourth year of study.

4.2.2.3 Choice of communication module

Only mother tongue speakers can choose AFKF122/412 or SECF122/412 or any other approved mother tongue as communication module.
ENGF can be chosen by both non-mother tongue and mother tongue speakers.

4.2.2.4 Practical teaching

4.2.2.4.1 Full-time students

First, second and third year BEd students must do yearly six weeks of practical teaching at a approved school. Fourth year students must do a time period of 10 weeks of practical teaching.

Third year Foundation phase students must do 2 weeks of observation at a pre-primary school at the beginning of their third year.

Fourth year students, excluding Foundation phase must do 2 weeks of observation at a school of their choice relevant to their applied phase at the beginning of their fourth year.

4.2.2.4.1.1   Practical teaching involves **Additional Financial costs** that must be borne by the students. These costs are not included in the tuition fees.

4.2.2.4.2 SBET students

These students are full-time education learners/students and follow the School-based Education Teacher training program. Their practical teaching experience takes place under the supervision of an efficient mentor.

4.2.2.4.2.1   Students are obliged to attend at least two contact sessions on campus. The additional cost must be borne by the students as they are not included in the tuition fees.

4.2.2.5   SBET – Admissions

- Students who meet the admission requirements can be admitted to the SBET programme as from their 2nd study year.

- Refer to curriculum's and module outcomes presented by SBET.

4.3   WARNING AGAINST PLAGIARISM

Assignments are individual tasks and not group activities (unless explicitly indicated as group activities). For further details, see:

http:/www.puk.ac.za/beheer-bestuur/beleid-reels/index.html

4.4   SELECTION FOR ADMISSION TO CERTAIN FIELDS OF STUDY

- Owing to specific capacity constraints, the University reserves the right to select candidates for admission to certain fields of study. This means that prospective students who comply with the minimum requirements may not necessarily be admitted to the course for which they have applied.

4.5 SCHOOLS IN THE FACULTY

School	Subject group
School for Curriculum-based studies	o African Languages for Education o Afrikaans for Education o Arts and Culture for Education o Computer Science for Education o Economics and Business Science for Education o English for Education o Geography, History and Social Sciences for Education o Natural Sciences for Education o Mathematics for Education o Technology for Education
School of Education	o Teaching-and-Learning o Movement Science o Foundation phase o Life orientation o Comparative Education and Teaching Theory o Educational Psychology and Learner Support o Education Management and Leadership o Education Law
School of Continuing Teacher Education	o African Languages for Education o Afrikaans for Education o Computer Science for Education o English for Education o Geography, History and Social Sciences for Education o Natural Sciences for Education o Mathematics for Education o Technology for Education o Teaching-and-Learning o Movement Science o Foundation phase o Life orientation o Comparative Education and Teaching Theory o Educational Psychology and Learner Support o Education Management and Leadership o Education Law

4.6 QUALIFICATIONS, PROGRAMMES AND CURRICULA

FIRST BACCALAUREUS DEGREE				
QUALIFICATION	PROGRAMME AND CODE	CURRICULUM AND CODE	MODE OF DELIVERY	NQF - LEVEL
Baccalaureus Educationis (BEd)	Foundation phase 422 100	Foundation phase O171P	Full-time MoA AROS MoA CEDAR College MoA NIHE SBET	6
	Intermediate & Senior phase 422 101	Learning Area Natural Sciences O172P	Full-time SBET	6
		Learning Area Technology O173P	Full-time SBET	6
		Learning Area Languages O174P	Full-time SBET	6
		Learning Area Social Sciences O175P	Full-time SBET	6
		Learning Area Economic and Management Science O176P	Full-time SBET	6
		Learning Area Life Orientation O177P	Full-time MoA AROS	6
		Learning Area Arts and Culture O178P	Full-time	6
		Learning Area Mathematics O179P	Full-time SBET	6
	Senior and Further Education and Training Phase 422 102	Onderwysafrikaans O180P	Full-time MoA AROS MoA NIHE SBET	6
		Educational Life Sciences O181P	Full-time MoA AROS MoA CEDAR College MoA NIHE	6
		Information Technology for Education O182P	Full-time	6
		English for Education O183P	Full-time MoA AROS MoA CEDAR College MoA NIHE SBET	6
		Economics for Education O184P	Full time MoA CEDAR College SBET	6
		History for Education O185P	Full time MoA AROS SBET	6
		Geography for Education O186P	Full time MoA AROS MoA CEDAR College SBET	6

QUALIFICATION	PROGRAMME AND CODE	CURRICULUM AND CODE	MODE OF DELIVERY	NQF - LEVEL
		Life Orientation for Education O187P	Full-time MoA AROS MoA CEDAR College	6
		Art for Education O188P	Full-time MoA AROS	6
		Movement Science for Education O189P	Full-time MoA AROS	6
		Physical Sciences for Education O190P	Full-time MoA AROS MoA CEDAR College MoA NIHE	6
		Business Studies for Education O191P	Full-time MoA AROS MoA CEDAR College MoA NIHE SBET	6
		Accounting for Education O192P	Full-time MoA AROS SBET	6
		Computer Applications Technology for Education O193P	Full-time MoA AROS	6
		Mathematics for Education O194P	Full-time MoA AROS MoA CEDAR College MoA NIHE	6
		Mathematical Literacy for Education O195P (Will not be presented from 2010 onwards)	Full time MoA AROS MoA CEDAR College MoA NIHE SBET	6
		Setswana for Education (M) O196P	Full-time	6
		Setswana for Education (NM) O197P	Full-time	6
		Engineering Graphics and Design O198P	Full-time MoA AROS	6
	Senior and Further Education and Training Phase (Technology) 422 112	Mechanical Technology O199P	Full-time	6
		Civil Technology O200P	Full-time	6
		Electrical Technology O201P	Full-time	6
QUALIFICATION	**PROGRAMME AND CODE**	**CURRICULUM AND CODE**	**MODE OF DELIVERY**	**NQF - LEVEL**
Baccalaureus in Training and Development (BTD)	Training and Development 468 100	Human Resources Development O100P	Full-time Part-time	6

13

POST GRADUATE CERTIFICATE				
QUALIFICATION	**PROGRAMME AND CODE**	**CURRICULUM AND CODE**	**MODE OF DELIVERY**	**NQF - LEVEL**
Post-Graduate Certificate in Education (PGCE)	Senior and Further Education and Training Phase (Grade 7-12): 424 107	See OP 1.6 O160P	Full-time SBET	6
HONOURS DEGREE				
QUALIFICATION	**PROGRAMME AND CODE**	**CURRICULUM AND CODE**	**MODE OF DELIVERY**	**NQF-LEVEL**
Honnours Baccalaureus Educationis (Hons. B.Ed.)	Afrikaanse Taalonderwys 464 138	Afrikaanse Taalonderwys: O601P	Full-time Part-time	7
	Computer Science Education 464 139	Computer Science Education: O602P	Full-time Part-time	7
	Curriculum Studies 464 140	Curriculum Studies: O603P	Full-time Part-time ODL (Open distance learning-available October 2010)	7
	Teaching and Learning 464 120	General Teaching and Learning O601P	ODL (No applications after 30 September 2010 for this curriculum)	7
	Education, Management, Law and Systems 464 142	Education, Management, Law and Systems O605P	Full-time Part-time ODL (Open distance learning-available October 2010)	7
	Education, Management, Law and Systems 464 121	Education, Management, Law and Systems O608P	ODL (No applications after 30 September 2010 for this curriculum)	7
	Educational Training and Development 464 143	Educational training and Development: O606P	Part-time	7
	Educational Psychology 464 144	Educational Psychology O607P	Full-time Part-time	7
	English Language Education 464 145	English Language Education O608P	Full-time Part-time	7
	Geography Education 464 147	Education in Geography Education O610P	Full-time Part-time	7
	Learner Support 464 148	Education in Learner Support O611P	Full-time Part-time ODL (Open distance learning-available October 2010)	7
	Educational Psychology 464 122	Learner Support O610P	ODL (No applications after 30 September 2010 for this curriculum)	7
	Life Sciences Education 464 149	Life Sciences Education O612P	Full-time Part-time	7
	Mathematics Education 464 150	Mathematics Education O613P	Full-time Part-time	7
	Movement Education 464 151	Movement Education O614P	Full-time Part-time	7
	Physical Sciences Education 464 152	Physical Sciences Education O615P	Full-time Part-time	7

QUALIFICATION	PROGRAMME AND CODE	CURRICULUM AND CODE	MODE OF DELIVERY	NQF - LEVEL
	Technology Education 464 154	Technology Education O617P	Full-time Part-time	7
MASTERS DEGREE				
QUALIFICATION	**PROGRAMME AND CODE**	**CURRICULUM AND CODE**	**MODE OF DELIVERY**	**NQF - LEVEL**
Magister Educationis (MEd)	Learning and Teaching 403 120	Learning and Teaching O801P	Full-time Part-time	8
	Natural Sciences Education: 403 121	Natural Sciences Education: O802P	Full-time Part-time	8
	Education Management: 403 122	Education Management: O803P	Full-time Part-time	8
	Education Law: 403 123	Education Law: O804P	Full-time Part-time	8
	Educational Psychology: 403 124	Educational Psychology: O805P	Full-time Part-time	8
	Comparative Education: 403 125	Comparative Education: O806P	Full-time Part-time	8
	Mathematics Education: 403 126	Mathematics Education: O807P	Full-time Part-time	8
	Learner Support: 403 127	Learner Support: 0808P	Full-time Part-time	8
	School Counselling and Guidance: 403 128	School Counselling and Guidance: 0809P	Full-time Part-time	8
	Philosophy of Education: 403 129	Philosophy of Education: O810P	Full-time Part-time	8
	Movement Education: 403 130	Movement Education: O811P	Full time Part-time	8
	Computer Science Education: 403 131	Computer Science Education: O812P	Full-time Part-time	8
	Training and Development: 403 134	Training and Development: O813P	Full-time Part-time	8
	Educational Practice: 403 133	Learner Support and Life Orientation: O816P	Part-time	8
		Learning and Teaching: O817P	Part-time	8
		Natural Sciences Education: O818P	Part-time	8
		Education Management and Teaching Organisations: O819P	Part-time	8
		Education Law: O820P	Part-time	8
		Training and Development: O821P	Part-time	8
		Comparative Education: O822P	Part-time	8
		Mathematics Education: O823P	Part-time	8
		Movement Education: O824P	Part-time	8
		Computer Science Education: O825P	Part-time	8

QUALIFICATION	PROGRAMME AND CODE	CURRICULUM AND CODE	MODE OF DELIVERY	NQF - LEVEL
		Traffic Safety Education and Management: O826P	Part-time	8

DOCTORAL DEGREE

QUALIFICATION	PROGRAMME AND CODE	CURRICULUM AND CODE	MODE OF DELIVERY	NQF - LEVEL
Philosophiae Doctor (PhD)	Learning and Teaching: 404 110	Learning and Teaching: O901P	Full-time Part-time	9
	Natural Sciences Education: 404 111	Natural Sciences Education: O902P	Full-time Part-time	9
	Educational Management: 404 112	Educational Management: O903P	Full-time Part-time	9
	Education Law: 404 113	Education Law: O904P	Full-time Part-time	9
	Educational Psychology: 404 114	Educational Psychology: O905P	Full-time Part-time	9
	Comparative Education: 404 115	Comparative Education: O906P	Full-time Part-time	9
	Mathematics Education: 404 116	Mathematics Education: O907P	Full-time Part-time	9
	Learner Support: 404 117	Learner Support: 0908P	Full-time Part-time	9
	School Counselling and Guidance: 404 118	School Counselling and Guidance: 0909P	Full-time Part-time	9
	Philosophy of Education: 404 119	Philosophy of Education: O910P	Full-time Part-time	9
	Movement Education: 404 120	Movement Education: O911P	Full-time Part-time	9
	Computer Science Teaching: 404 121	Computer Science Teaching: O912P	Full-time Part-time	9
	Training and Development: 404 122	Training and Development: O913P	Full-time Part-time	9

IN-SERVICE & FURTHER TRAINING PROGRAMMES

QUALIFICATION	PROGRAMME AND CODE	CURRICULUM AND CODE	MODE OF DELIVERY	NQF - LEVEL
Advanced Certificate in Education (ACE)	English Education: 423 122	English Education: O433P	ODL IOL CEDAR	6
	Geography Education: 423 123	Geography Education: O434P/V	ODL IOL	6
	History Education: 423 124	History Education: O435P/V	ODL IOL	6
	Science Education: 423 125	Science Education (FET Band): O436P	Sediba	6
	Science Education: 423 125	Science Education (GET Band): O437P /V	Sediba	6
	Professional Educator Development: 423 129	Foundation phase: O445P	ODL Upington	6
	Professional Educator Development: 423 129	Intermediate and Senior phase: O446P	ODL Upington	6

	Professional Educator Development: 423 129	Life Orientation: O447P	ODL IOL CEDAR	6
	Professional Educator Development: 423 129	Mathematical Literacy: O444P/V/M	ODL	6
	Learner Support: 423 130	Learner Support: O430P/V/M	ODL IOL	6
	Setswana Education: 423 131	Setswana Education: O439P	ODL	6
	Mathematics Education: 423 134	Mathematics Education (FET Band): O442P	Sediba	6
	Mathematics Education: 423 134	Mathematics Education (GET Band): O443P/V/M	ODL	6
	Technology Education: 423 136	Technology Education: O426P/M	ODL IOL	6
	Curriculum and Professional Development: 423 137	Curriculum and Professional Development: O429P/M	ODL IOL	6
	School Management & Leadership: 423 138	School Management & Leadership: O432P/M	ODL IOL	6
	Sediba 423 107 NASOP 423 108	Phase out in 2010	NASOP	6
	Movement Education 423 121	Movement Education O440P	ODL	6
National Professional Diploma in Education (NPDE)	Foundation phase (Grade R – 3): 469 100	Foundation phase (Grade R – 3): O100P/M/V	ODL CEDAR College Upington	5
	Intermediate and Senior phase (Grade 4 – 9) 469 101	Intermediate and Senior phase (Grade 4 – 9) O101P/M/V	ODL CEDAR College Upington	5
	Senior and Further Education and Training Phase (Grade 7 – 12): 469 102	Senior and Further Education and Training Phase (Grade 7 – 12): O102P/M/V	ODL CEDAR College Upington	5

*** ODL = Open Distance Learning

Any academic programme(s) offered by the NWU, independently or in terms of an agreement of co-operation with another public or private provider of higher education. Students may enrol at any time of the year with minimum and maximum periods of study. Students write examinations during appropriate examination periods designated by the School responsible for said programmes. These programmes imply independent study by students in combination with structured contact sessions and student support consisting of appropriate study material and access to lecturing staff.

5. QUALIFICATIONS, DIRECTIONS AND PROGRAMMES

Various qualifications can be pursued in the Faculty of Education Sciences. A particular qualification can span one or more schools, with each school offering one or more programmes, of which each has a fixed curriculum. A prospective student must therefore initially decide which qualification he or she wishes to pursue. Thereafter, he or she must choose a direction of study and make a selection from the different programmes presented in that direction of study.

6. MODULES AND CREDITS

Subjects are presented as modules to which specific credit values have been assigned.

7. RECOGNITION OF PRIOR LEARNING

(i) The North-West University accepts the principle underlying outcomes-based, source-based and lifelong learning, in which considerations of articulation and mobility play a significant role, and subscribes to the view that recognition of prior learning, whether it has been acquired by formal education programmes at this or other institutions or informally (by experience), is an indispensable element in deciding on admission to and the awarding of credits for an explicitly selected teaching–learning programme of the University.

(ii) The recognition of prior learning concerns the provable knowledge and learning that an applicant has acquired, whether by having completed formal education programmes or by experience. At all times the question will be what the level of skills is, and skills will be judged in the context of the exit level skills required for the intended teaching–learning programme or modules in the programme, of the status for which the applicant applies, and not merely by virtue of the experience recorded by the applicant. Recognition of prior learning will therefore take place in terms of applied competencies demonstrated by the applicant in his or her application, taking into consideration the exit level outcomes that have to be obtained by means of the selected teaching–learning programme.

(iii) The North-West University accepts that recognition of prior learning must take place within the normal existing policy on the admission of prospective and current learners, whether from this or another institution, with regard to the awarding of credits in a valid, trustworthy and fair way.

(iv) For processing an application for recognition of prior learning, a non-refundable administrative fee is payable, as determined by the University from time to time.

8. EVALUATION OF ACADEMIC SKILLS

(i) All first time first-year learners at the University must present themselves for a compulsory academic skills test in order to assess their ability to function in an academic environment.

(ii) The purpose of the test is to help you to identify weaknesses so that the necessary guidance can be provided.

(iii) This test is taken during the orientation period according to residences, but the courses are presented according to relevant faculties.

(iv) Learners who do not reside in residences must also take the test. Such learners must report to the office of the academic language proficiency programme on the different campuses to make the necessary arrangements to take the test.

(v) Evaluation of academic literacy
- In order to evaluate their ability to function in an academic environment, all undergraduate students who register at the University for the first time must report for a compulsory skills test in academic literacy, at a time and place determined by the University. The purpose of this test is to identify students who, due to inadequate academic skills, may fail to complete their study programme within the stipulated period.

- Students have the option of writing the compulsory skills test in English or in Afrikaans, With the exception of students who are identified as borderline cases by the test, each students has only one opportunity to write the test. Students, who are regarded as borderline cases, will be granted a second opportunity to write the test.
- Students who are regarded as at-risk cases must register for the module AGLA111 [Afrikaans] or AGLE111 [English] depending upon the language in which the compulsory skills test was written. These modules are not calculated in terms of curriculum credits, but the credits earned in this way are regarded as additional credits.
- Admission to the examination for AGLA111 / AGLE111 requires a participation mark of 35 %. Students who are not admitted to the examination for AGLA111 / AGLE111 or who fail the relevant examination as well as two or more other modules will have to be re-evaluated by the Evaluation Committee if they want to continue their studies in the following semester. In order to avoid the termination of studies, AGLA111/AGLE111 must be completed at the end of the student's second historic year, at the very latest.
- Admission to the module AGLA121 / AGLE121, which is compulsory for all students who register at the University for the first time, requires that a student should first complete AGLA111 / AGLE111 and must obtain a mark of at least 40 % for AGLA111 / AGLE111. The modules AGLA121 / AGLE121 constitute a value of 12 credits that form part of the curriculum for which the student has registered, and must be taken in the language in which the compulsory skills test and AGLA111/AGLE111 were taken.
- Students who failed the module AGLA111 / AGLE111, but were allowed to continue with AGLA121 / AGLE121 and who passed the examination in this module, may have the result of AGLA111 / AGLE111 condoned by the relevant School Director to allow for a pass mark in the module.
- Students who have already successfully completed a module [s] / course[s] equivalent to AGLA111, 121 / AGLE111, 121 at another institution and can provide proof of this qualification, may apply in writing to the **Head of the Centre for Academic and Professional Language Practice** for formal recognition.

ED.1   RULES FOR THE DEGREE BACHELOR OF EDUCATION

PURPOSE AND RATIONALE OF THE QUALIFICATION

1.1   The BEd degree is an initial 480 credits education qualification for candidates who want to register as qualified professional teachers.

1.2   The qualification is intended for candidates who want to acquire a focused education degree with a profound basis of subject and professional practice knowledge.

ED.1.1   MINIMUM AND MAXIMUM DURATION

The minimum duration of the studies for this degree is four years and the maximum time for completing a degree is six years.

ED.1.2   ADMISSION REQUIREMENTS

ED.1.2.1 General Admission requirements

(a)   APS-Score: The results obtained in four Designated Subjects and two NSC subjects are used in the computation of the APS-score. The results obtained in Life Orientation are excluded.

(b)   Language requirement: A pass at level 4 (50-59 %) in the language of instruction on either the Home or First Additional Language level.

(c)   A candidate who did not comply to the minimum university entrance requirements, but obtained a rating score between 15 and 18, may be admitted to the BEd bridging programme that offers degree crediting bearing courses after the candidate has demonstrated, in a selection process approved by the Senate and Matriculation Board, that he/she is suitable for admission to the University.

ED.1.2.2 Calculating the APS-score

1.   The results of 6 subjects are used to determine the APS-score.
2.   The achievement obtained in Life Orientation (LO) will **not** be rated in computing the APS-score. An achievement level of 5 or higher in LO will be regarded as a recommendation for admission in boundary cases and admission to certain programmes.
3.   A student who achieves one or two APS scale points less than required for a specific study course, may at the discretion of the Senate be admitted conditionally to a particular field of study. Such a student must prove by successful completion of a Senate-approved admission examination, registered with the Matriculation Board that he/she has the ability to be admitted to university studies.
4.   A student who achieves three or four APS scale points less than required for a specific study course, may after the successful completion of a Senate-approved admission examination and a Senate-approved bridging programme, be admitted by means of a Senate-discretionary exemption to a particular field of study.
5.   A student who obtains Discretionary Exemption may be admitted to certain study programmes on certain conditions.

Screening model; Determining of the APS

NSC Rating Code	APS-score
8 (90-100 %)	8
7 (80-89 %)	7
6 (70-79 %)	6
5 (60-69 %)	5
4 (50-59 %)	4
3 (40-49 %)	3
2 (30-39 %)	2
1 (0-29 %)	1

APS: Achievement Point Score

ED.1.2.3 Faculty specific admission requirements

A student wishing to take:
- Mathematics as elective module is required to have passed mathematics with at least 55 % in the matriculation examination.

- Learning Area Mathematics as elective module is required to have passed Mathematics with at least 45 % or Mathematical Literacy with 55 %.

- The FET Technology Programme is required to have passed Mathematics in the matriculation examination with at least 50 %.

- English as an elective module is required to have passed English Home Languages with at least 50 % in the matriculation examination, or English First Additional Language with at least 60 %.

- Physical Sciences or Life Sciences as an elective module are required to have passed Physical Sciences or Life Sciences with at least 50 % in the matriculation examination.

- Accounting as an elective module is required to have passed Accounting with at least 50 % in the matriculation examination.

ED.1.3 LIST OF MODULES

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
ACCD321	Accounting Methodology: FET phase		8	100
ACCD411	Accounting Methodology: FET phase		16	100
ACCE111	Accounting for Education		16	101
ACCE121	Accounting for Education		16	101
ACCE211	Accounting for Education		16	102
ACCE221	Accounting for Education		16	102
ACCE311	Accounting for Education		16	103
ACCE321	Accounting for Education		16	103
ADSD211	Additional Subject Methodology		8	104
ADSD421	Additional Subject Methodology		16	104
AFKF122	Afrikaans Kommunikasie (M)		8	105
AFKF123	Afrikaans Kommunikasie (NM)		8	105
AFKF412	Afrikaans Kommunikasie (M)		8	106
AFKF413	Afrikaans Kommunikasie (NM)		8	106
AFRD212	Afrikaansmetodiek: Int-fase		8	107
AFRD322	Afrikaansmetodiek: Snr-fase		8	108
AFRD416	Afrikaansmetodiek: Int en Snr-fase		16	108
AFRD417	Afrikaansmetodiek: Graad 7 tot 12		16	109
AFRD426	Afrikaansmetodiek: Int en Snr-fase		16	109
AFRD427	Afrikaansmetodiek: Graad 7 tot 12		16	109
AFRE111	Onderwysafrikaans		16	110
AFRE121	Onderwysafrikaans		16	110
AFRE211	Onderwysafrikaans		16	111
AFRE221	Onderwysafrikaans		16	111
AFRE311	Onderwysafrikaans		16	112
AFRE321	Onderwysafrikaans		16	113
AFTB521	Afrikaanstaalbevoegdheid		1	
AGLA111	Inleiding tot Akademiese Geletterdheid		12	113
AGLE111	Introduction to Academic Literacy		12	114
AGLA121	Akademiese Geletterdheid		12	114
AGLE121	Academic Literacy		12	115
ARTD321	Art Methodology: FET phase		8	115
ARTD411	Art Methodology: FET phase		16	116
ARTE111	Art for Education		16	116
ARTE121	Art for Education		16	117
ARTE211	Art for Education		16	117
ARTE221	Art for Education		16	118
ARTE311	Art for Education		16	118
ARTE321	Art for Education		16	119
BSTD321	Business Studies Methodology: FET phase		8	119
BSTD411	Business Studies Methodology: FET phase		16	120
BSTE111	Business Studies for Education		16	121
BSTE121	Business Studies for Education		16	121
BSTE211	Business Studies for Education		16	122
BSTE221	Business Studies for Education		16	122
BSTE311	Business Studies for Education		16	123
BSTE321	Business Studies for Education		16	123
CATD321	Computer Applications Technology Methodology: FET phase	CATE111, CATE121	8	124
CATD411	Computer Applications Technology Methodology: FET phase	CATE211, CATE221	16	124

22

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
CATE111	Computer Applications Technology for Education		16	124
CATE121	Computer Applications Technology for Education		16	125
CATE211	Computer Applications Technology for Education	CATE121 (PM 40 %)	16	125
CATE221	Computer Applications Technology for Education		16	125
CATE311	Computer Applications Technology for Education		16	126
CATE321	Computer Applications Technology for Education		16	126
CMPF111	Computer Literacy for Educators		8	126
COMF511	Computers in Education		8	127
CTED211	Civil Technology Methodology		8	127
CTED321	Civil Technology Methodology		8	127
CTED421	Civil Technology Methodology		8	128
CTEE211	Civil Technology for Education		16	128
CTEE221	Civil Technology for Education	CTEE211 (PM 40%)	16	128
CTEE311	Civil Technology for Education	CTEE221 (PM 40%)	16	129
CTEE321	Civil Technology for Education	CTEE311 (PM 40%)	16	129
CTEE411	Civil Technology for Education	CTEE321 (PM 40%)	16	129
CTEE421	Civil Technology for Education	CTEE421 (PM 40%)	16	130
ECOD321	Economics Methodology: FET phase		8	130
ECOD411	Economics Methodology: FET phase		16	131
ECOE111	Economics for Education		16	131
ECOE121	Economics for Education		16	132
ECOE211	Economics for Education		16	132
ECOE221	Economics for Education		16	133
ECOE311	Economics for Education		16	133
ECOE321	Economics for Education		16	134
EDCC112	Professional Studies		8	134
EDCC113	Basic Introduction to Education		8	135
EDCC121	Educational Psychology		8	135
EDCC211	Curriculum development for educators		8	136
EDCC212	Professional Studies		8	136
EDCC222	Educational Psychology		8	137
EDCC312	Professional Studies		8	137
EDCC313	Inclusive Education		8	138
EDCC321	Education management		8	138
EDCC411	Education law		8	138
EDCC412	Professional Studies		8	139
EDCC421	Educational Systems		8	139
EGDD211	Engineering Graphics and Design Methodology: Snr phase		8	139
EGDD321	Engineering Graphics and Design Methodology: FET phase		8	140
EGDD411	Engineering Graphics and Design Methodology: FET phase		16	140
EGDD421	Engineering Graphics and Design Methodology: Snr phase		16	140
EGDE111	Engineering Graphics and Design (Engineering)		8	141
EGDE112	Engineering Graphics and Design (Vehicle)		8	141
EGDE121	Engineering Graphics and Design (Electrical)		8	141
EGDE122	Engineering Graphics and Design (Civil)		8	142
EGDE211	Engineering Graphics and Design		16	142

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
EGDE221	Engineering Graphics and Design		16	142
EGDE311	Engineering Graphics and Design		16	142
EGDE321	Engineering Graphics and Design		16	143
ENGD212	English methodology: Int and Snr phase		8	143
ENGD322	English methodology: Snr and FET phase		8	143
ENGD416	English methodology: Int and Snr phase		16	144
ENGD417	English methodology: Snr and FET phase		16	144
ENGD426	English methodology: Int and Snr phase		16	145
ENGD427	English methodology: Snr and FET phase		16	145
ENGE111	English for Education		16	146
ENGE122	English for Education		16	146
ENGE212	English for Education		16	147
ENGE221	English for Education		16	147
ENGE311	English for Education		16	148
ENGE321	English for Education		16	149
ENGF121	English medium of Instruction		8	149
ENGF221	English medium of Instruction		8	150
ENTB521	English Language Proficiency		1	
ETED211	Electrical Technology Methodology		8	150
ETED321	Electrical Technology Methodology		8	151
ETED421	Electrical Technology Methodology		8	151
ETEE212	Electrical Technology for Education		16	152
ETEE221	Electrical Technology for Education		16	152
ETEE311	Electrical Technology for Education		16	152
ETEE322	Electrical Technology for Education		16	153
ETEE411	Electrical Technology for Education		16	153
ETEE422	Electrical Technology for Education		16	153
GEOD321	Geography Methodology: FET phase		8	154
GEOD411	Geography Methodology: FET phase		16	154
GEOE111	Geography for Education		16	155
GEOE121	Geography for Education		16	155
GEOE211	Geography for Education		16	156
GEOE221	Geography for Education		16	156
GEOE311	Geography for Education		16	157
GEOE321	Geography for Education		16	157
HISD321	History Methodology: FET phase		8	158
HISD411	History Methodology: FET phase		16	158
HISE111	History for Education		16	159
HISE121	History for Education		16	159
HISE211	History for Education		16	160
HISE221	History for Education		16	160
HISE311	History for Education		16	161
HISE321	History for Education		16	161
INTD321	Information Technology Methodology: FET phase	INTE111, INTE121	8	162
INTD411	Information Technology Methodology: FET phase	INTE211, INTE221	16	162
INTE111	Information Technology for Education		16	163
INTE121	Information Technology for Education		16	163
INTE211	Information Technology for Education		16	163
INTE221	Information Technology for Education		16	164
INTE311	Information Technology for Education	INTE221	16	164
INTE321	Information Technology for Education	INTE311 (PM 40 %)	16	164

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
ITEE211	Engineering Technology for Education		8	165
ITEE221	Engineering Technology for Education	ITEE221	8	165
ITEE311	Engineering Technology for Education	ITEE221	8	166
ITEE322	Engineering Technology for Education	ITEE311 (PM 40%)	8	166
ITEE412	Engineering Technology for Education	ITEE321 (PM 40%)	8	167
ITEE422	Engineering Technology for Education	ITEE411 (PM 40%)	8	167
LAAC121	Introduction to the Learning Area Arts and Culture		8	168
LAAD211	Learning Area Arts and Culture Methodology: Snr phase		8	168
LAAD321	Learning Area Arts and Culture Methodology: Int phase		8	169
LAAD411	Learning Area Arts and Culture Methodology: Int phase		16	169
LAAD421	Learning Area Arts and Culture Methodology: Snr phase		16	170
LAAE111	Learning Area Arts and Culture		16	170
LAAE121	Learning Area Arts and Culture		16	171
LAAE211	Learning Area Arts and Culture		16	171
LAAE221	Learning Area Arts and Culture		16	172
LABD211	Learning Area Economic Management Science Methodology: Snr phase		8	172
LABD321	Learning Area Economic Management Science Methodology: Int phase		8	173
LABD411	Learning Area Economic Management Science Methodology: Int phase		16	173
LABD421	Learning Area Economic Management Science Methodology: Snr phase		16	174
LAND211	Learning Area Natural Science Methodology: Snr phase		8	174
LAND321	Learning Area Natural Science Methodology: Int phase	LAND211	8	175
LAND411	Learning Area Natural Science Methodology: Int phase	LAND321	16	175
LAND421	Learning Area Natural Science Methodology: Snr phase		16	176
LANE211	Learning Area Natural Sciences		16	176
LANE221	Learning Area Natural Sciences		16	177
LANE311	Learning Area Natural Sciences		16	177
LANE321	Learning Area Natural Sciences		16	178
LASD211	Learning Area Social Science Methodology: Snr phase		8	178
LASD321	Learning Area Social Science Methodology: Int phase		8	179
LASD411	Learning Area Social Science Methodology: Int phase		16	179
LASD421	Learning Area Social Science Methodology: Snr phase		16	180
LEWV112	Life Skills		8	180
LEWV211	Life Skills		8	181
LIFD321	Life Sciences Methodology: FET phase	LIFE111,121, LAND 211	8	181
LIFD411	Life Sciences Methodology: FET phase	LIFD321	16	181
LIFE111	Life Sciences for Education	ED.1.2.3	16	182
LIFE121	Life Sciences for Education	ED.1.2.3	16	182
LIFE211	Life Sciences for Education		16	183
LIFE221	Life Sciences for Education		16	183
LIFE311	Life Sciences for Education		16	184
LIFE321	Life Sciences for Education		16	184
LIFF121	Life Skills: Fundamental		8	185
LITA122	Literacy: 1st Additional Language: Afrikaans		8	185
LITA123	Literacy: 1st Additional Language: English		8	186
LITA222	Literacy: 1st Additional Language: Afrikaans		8	186

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
LITA223	Literacy: 1st Additional Language: English		8	187
LITA312	Literacy: 1st Additional Language: Afrikaans		8	187
LITA313	Literacy: 1st Additional Language: English		8	188
LITG211	Literacy: Visual Arts		8	188
LITG322	Literacy : Academic Afrikaans Home Language		16	189
LITG413	Academic English: Foundation phase		16	189
LITH112	Literacy Home Language: Afrikaans		8	190
LITH113	Literacy Home Language: English		8	190
LITH114	Literacy Home Language: Setswana		8	191
LITH222	Literacy Home Language: Afrikaans		8	191
LITH223	Literacy Home Language: English		8	192
LITH224	Literacy Home Language: Setswana		8	192
LITH312	Literacy Home Language: Afrikaans		8	193
LITH313	Literacy Home Language: English		8	193
LITH314	Literacy Home Language: Setswana		8	194
LITH422	Literacy Home Language: Afrikaans		8	194
LITH423	Literacy Home Language: English		8	195
LITH424	Literacy Home Language: Setswana		8	195
LLOD211	Learning Area Life Orientation Methodology: Snr phase	LORE111,121, MOVE 111,121	8	196
LLOD321	Learning Area Life Orientation Methodology: Int phase		8	196
LLOD411	Learning Area Life Orientation Methodology: Int phase		16	197
LLOD421	Learning Area Life Orientation Methodology: Snr phase		16	197
LORD321	Learning Area Life Orientation Methodology: FET phase		8	198
LORD411	Learning Area Life Orientation Methodology: FET phase		16	198
LORE111	Life Orientation		16	199
LORE121	Life Orientation		16	199
LORE211	Life Orientation	LORE111,121	16	200
LORE221	Life Orientation		16	200
LORE311	Life Orientation		16	201
LORE321	Life Orientation		16	201
LSFP111	Learning Support: Foundation phase		8	202
LSFP121	Learning Support: Foundation phase		8	202
LSFP211	Learning Support: Foundation phase		8	202
LSFP221	Learning Support: Foundation phase		8	203
LSFP311	Learning Support: Foundation phase		8	203
LSKA322	Life Skills: Art		8	204
LSKE321	Life Skills: Environmental Studies		8	204
LSKH221	Life Skills: Health Education		8	205
LSKM121	Foundation phase: Music		8	205
LSKM211	Foundation phase: Music		8	206
LSKN312	Life Skills: Nutrition		8	206
LSKP311	Life Skills: Physical Education		8	207
LSKR111	Life Skills: Religion		8	207
MALA211	Learning Area Mathematics		16	208
MALA221	Learning Area Mathematics		16	208
MALA311	Learning Area Mathematics		16	208
MALA321	Learning Area Mathematics		16	209
MATD211	Mathematics Methodology: Snr phase		8	209
MATD321	Mathematics Methodology: Int/FET phase		8	209
MATD411	Mathematics Methodology: Int/FET phase		16	210
MATD421	Mathematics Methodology: Snr phase		16	210

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
MATE111	Mathematics for Education		16	211
MATE121	Mathematics for Education		16	211
MATE211	Mathematics for Education		16	212
MATE221	Mathematics for Education		16	212
MATE311	Mathematics for Education	MATE111, MATE221	16	213
MATE321	Mathematics for Education	MATE221	16	213
MATF221	Mathematics in Practice		8	214
MATF311	Mathematics in Practice		8	214
MATL112	Mathematical Literacy (NOT PRESENTED FROM 2010 ONWARDS)		16	214
MATL121	Mathematical Literacy (NOT PRESENTED FROM 2010 ONWARDS)		16	**215**
MATL212	Mathematical Literacy (NOT PRESENTED FROM 2010 ONWARDS)		16	**215**
MATL221	Mathematical Literacy (NOT PRESENTED FROM 2010 ONWARDS)		16	**215**
MATL311	Mathematical Literacy (NOT PRESENTED FROM 2010 ONWARDS)		16	**216**
MATL321	Mathematical Literacy (NOT PRESENTED FROM 2010 ONWARDS)		16	**216**
MOVD321	Movement Science: Methodology: FET phase	Obtain a recognized school sport qualification in at least one recognized summer and one recognized winter sport.	8	217
MOVD411	Movement Science Technology: FET phase		16	217
MOVE111	Movement Science for Education		16	218
MOVE121	Movement Science for Education		16	219
MOVE211	Movement Science for Education		16	219
MOVE221	Movement Science for Education		16	220
MOVE311	Movement Science for Education		16	220
MOVE321	Movement Science for Education		16	221
MTED211	Mechanical Technology Methodology		8	221
MTED321	Mechanical Technology Methodology		8	221
MTED421	Mechanical Technology Methodology		8	222
NFPD121	Numeracy Methodology		8	222
NFPD211	Numeracy Methodology		8	223
NFPD311	Numeracy Methodology		8	223
NFPD421	Numeracy Methodology		16	224
NFPF111	Numeracy		8	224
NFPF221	Numeracy		8	225
NFPF321	Numeracy		16	225
NFPF411	Numeracy		8	226
PHSD321	Physical Sciences Methodology: FET phase	LAND211, PHSE111, 121	8	226
PHSD411	Physical Sciences Methodology: FET phase	PHSE321	16	227
PHSE111	Physical Sciences for Education	ED.1.2.3	16	227
PHSE121	Physical Sciences for Education	ED.1.2.3	16	228
PHSE211	Physical Sciences for Education	PHSE121	16	228
PHSE221	Physical Sciences for Education	PHSE111	16	229
PHSE311	Physical Sciences for Education	PHSE111	16	229

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
PHSE321	Physical Sciences for Education	PHSE111	16	230
PPSE211	Pre-primary School Education		8	230
PPSE221	Pre-primary School Education		8	230
PPSE411	Pre-primary School Education		8	231
PPSE421	Pre-primary School Education		8	231
*PRTC122	Practical Teaching		1	232
*PRTC123	Practical Teaching		1	232
*PRTC222	Practical Teaching		1	233
*PRTC322	Practical Teaching		1	233
*PRTC422	Practical Teaching		1	234
RESF411	Research in Education		8	234
RESF421	Research Project		8	235
RSTO421	Religion Studies: Introduction to World Religions		8	235
SECF122	Setswana Tlhaeletsano ya Setswana (M)		8	235
SECF123	Setswana Communication (NM)		8	236
SECF412	Setswana Tlhaeletsano ya Setswana (M)		8	236
SECF413	Setswana Communication (NM)		8	236
SEMD211	Setswana Didaktiki ya Setswana (M)		8	237
SEMD321	Setswana Didaktiki ya Setswana (M)		8	237
SEMD411	Setswana Didaktiki ya Setswana (M)		16	237
SEMD421	Setswana Didaktiki ya Setswana (M)		16	238
SEME111	Setswana for Education (M)		16	238
SEME121	Setswana for Education (M)		16	238
SEME211	Setswana for Education (M)		16	239
SEME221	Setswana for Education (M)		16	239
SEME311	Setswana for Education (M)		16	239
SEME321	Setswana for Education (M)		16	240
SEND211	Setswana Methodology (NM)		8	240
SEND321	Setswana Methodology (NM)		8	240
SEND411	Setswana Methodology (NM)		16	241
SEND421	Setswana Methodology (NM)		16	241
SENE111	Setswana for Education (NM)		16	241
SENE121	Setswana for Education (NM)		16	242
SENE211	Setswana for Education (NM)		16	242
SENE221	Setswana for Education (NM)		16	242
SENE311	Setswana for Education (NM)		16	243
SENE321	Setswana for Education (NM)		16	243
SESE121	Introduction to Learning Area Economic Management Sciences		8	243
SLOE111	Introduction to Learning Area Life Orientation		8	244
SMLO421	School Media Librarianship		8	244
SNSE111	Introduction to Learning Area Natural Sciences		8	245
SSSE111	Introduction to Learning Area Social Sciences		8	245
STEE121	Introduction to Learning Area Technology		8	246
TECD211	Learning Area Technology Methodology: Snr phase		8	146
TECD321	Learning Area Technology Methodology: Int phase	TECD211	8	246
TECD411	Learning Area Technology Methodology: Int phase	TECD321	16	247
TECD421	Learning Area Technology Methodology: Snr phase	TECD411	16	247
TECE211	Learning Area Technology		16	247
TECE221	Learning Area Technology		16	248
TECE311	Learning Area Technology		16	248
TECE321	Learning Area Technology		16	248
TECF321	Technology Studies		8	249

MODULE CODE	MODULE NAME	PREREQUISITES	CR	OUTCOMES ON PAGE AT THE BACK OF THE CALENDAR
TEWE111	Welding Technology		8	249
TFPF321	Technological Literacy for Foundation phase		8	250
TTED121	Technical Technology Methodology		8	250
TWTB521	Setswana Language Proficiency		1	
VRTB521	Foreign Language Proficiency		1	
VTEE211	Vehicle Technology for Education		8	250
VTEE221	Vehicle Technology for Education		8	250
VTEE311	Vehicle Technology for Education		8	251
VTEE321	Vehicle Technology for Education		8	251
VTEE411	Vehicle Technology for Education		8	251
VTEE421	Vehicle Technology for Education		8	251
WSKT111	Mathematics for FET Technology:	Pass Mathematics – 50 % Only for BEd FET Technology	8	252
WSKT221	Mathematics for FET Technology:		8	252
WSKT311	Mathematics for FET Technology:		8	253
WVOS221	Understanding the Educational World		12	253
WVOS311	Main currents in the Philosophy of Education		12	254
ZOTB521	Zulu Language Proficiency		1	
ZUCF122	Zulu Communication (M)	Only for CEDAR College	8	254
ZUCF412	Zulu Communication (M)	Only for CEDAR College	8	255

* The balance of the credits is included in: EDCC112, EDCC212, EDCC312 and EDCC412.

ED.1.4   PROGRAMME OUTCOMES
The learners are expected to:
- demonstrate communicative, numerical and technological competence and literacy in ways that facilitate their own academic learning, and that enhance the management of teaching, learning and assessment in their classrooms;
- demonstrate competence in their area of specialisation with regard to the integration of knowledge and skills in order to mediate learning according to diverse learner needs;
- demonstrate competence in their area of specialisation to strategically select, implement and adjust teaching and learning strategies, teaching and learning support material and assessment practices grounded in education theory to enhance learning progress and the holistic development of all learners;
- demonstrate competency in functioning professionally, ethically and responsibly in different education contexts and the community by creating and maintaining caring, supportive and empowering environments for learners.

ED.1.4.1 Articulation possibilities and exit level marks
The BEd. grants admission to HonsBEd. It also gives admission to the honours degree in school subject programmes included in the specific curriculum after certain additional studies and instructions have been completed.

ED.1.5   PROGRAMME: BEd FOUNDATION PHASE 422 100
(Full-time, SBET, MoA CEDAR College, MoA AROS, MoA NIHE)

This qualification is directed at training educators for Grade R to Grade 3.

ED.1.5.1 Programme outcomes
The learners are expected to:
- demonstrate communicative, numerical and technological competence and literacy in ways that facilitate their own academic learning, and that enhance the management of teaching, learning and assessment in their classrooms;
- demonstrate competence in their area of specialisation with regard to the integration of knowledge and skills in order to mediate learning according to diverse learner needs;
- demonstrate competence in their area of specialisation to strategically select, implement and adjust teaching and learning strategies, teaching and learning support material and assessment practices grounded in education theory to enhance learning progress and the holistic development of all learners;
- demonstrate competency in functioning professionally, ethically and responsibly in different education contexts and the community by creating and maintaining caring, supportive and empowering environments for learners.

ED.1.5.2 Presentation of the curriculum's
Curriculum's following below will only be presented in a specific year if a minimum of ten learners register for the specific curriculum.

ED.1.5.3 Curriculum structure
The curriculum is structured from modules in ED.1.5.4. These modules are spread over four years.

ED.1.5.4 CURRICULUM O171P: FOUNDATION PHASE

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			WVOS311	12	RESF411	8
						AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412 (M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	LSFP311	8	EDCC412	8
LSFP111	8	LSFP211	8				
		ENGF221***	8				
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
LSKR111	8	LSKM211	8	LSKP311	8		
LITH112 (A) or LITH114 (S) or LITH113 (E)**	8	LITG211	8	LSKN312	8		
NFPF111	8	NFPD211	8	LITH312 (A) or LITH314 (S) or LITH313 (E)**	8	PPSE411	8
		PPSE211	8	LITA312 (A) or LITA313 (E)	8	LITG413(E)	16
				NFPD311	8	NFPF411	8
Total 1st semester	**56**	**Total 1st semester**	**64**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Potchefstroom Campus and CEDAR College: Students whose home language is not Afrikaans. ZUCF is only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O171P: FOUNDATION PHASE (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	WVOS221	12	TFPF321	8	RESF421	8
AGLA121 or AGLE121	12						
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or SMLO421 or RSTO421	8
ENGF121	8						
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
LSFP121	8	LSFP221	8				
*PRTC123	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of modules		**Continuation of modules**		**Continuation of modules**		**Continuation of modules**	
				LSKE321	8		
		LSKH221	8	LSKA322	8		
LITA122 (A) or LITA123 (E)	8	LITA223 (E) and LITH222 (A) or LITH224 (S) or LITH223 (E)**	8				
LSKM121	8			LITG322 (A) or ENGE122	16	LITH422 (A) or LITH424 (S) or LITH423 (E)**	8
		PPSE221	8			PPSE421	8
NFPD121	8	NFPF221	8	NFPF321	16	NFPD421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	125	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	**522**

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.

** Potchefstroom Campus and CEDAR College: Students whose home language is not Afrikaans.

*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6   PROGRAMME: BEd INTERMEDIATE AND SENIOR PHASE
422 101

(Full-time, SBET, MoA AROS)
This qualification is directed at the education of educators teaching from Grade 4 up to Grade 9.

ED.1.6.1 Programme outcomes
The learners are expected to:
- demonstrate communicative, numerical and technological competence and literacy in ways that facilitate their own academic learning, and that enhance the management of teaching, learning and assessment in their classrooms;
- demonstrate competence in their area of specialisation with regard to the integration of knowledge and skills in order to mediate learning according to diverse learner needs;
- demonstrate competence in their area of specialisation to strategically select, implement and adjust teaching and learning strategies, teaching and learning support material and assessment practices grounded in education theory to enhance learning progress and the holistic development of all learners;
- demonstrate competency in functioning professionally, ethically and responsibly in different education contexts and the community by creating and maintaining caring, supportive and empowering environments for learners.

ED.1.6.2 Presentation of the curriculum's
Curriculum's following below will only be presented in a specific year if a minimum of ten learners register for the specific curriculum.

ED.1.6.3 Curriculum's structure
The curriculums are structured from the modules in ED.1.6.4 tot ED.1.6.11. These modules are spread over four years.

ED.1.6.4 CURRICULUM O172P: LEARNING AREA NATURAL SCIENCES

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8	LANE211	16	MATF311	8	RESF411	8
SLOE111	8	LAND211	8	LANE311	16	LAND411	16
SSSE111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		**Continuation of elective and methodology**		**Continuation of elective**		**Elective methodology**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	LABD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD416	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	TECD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	LABD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD416	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	LASD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	TECD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O172P: LEARNING AREA NATURAL SCIENCES (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8	LANE221	16	LANE321 LAND321	16 8	COMF511***** or RSTO421 or SMLO421	8
ENGF121	8					LAND421	16
STEE121	8						
SESE121	8						
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		**Continuation of elective modules**		**Continuation of elective modules and methodology**		**Elective methodology**	
ACCE121	16	ACCE221	16	ACCE321 LABD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD426	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 LABD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
HISE121	16	HISE221	16	HISE321 LASD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.5 CURRICULUM O173P: LEARNING AREA TECHNOLOGY

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8	TECE211	16	MATF311	8	RESF411	8
SNSE111	8	TECD211	8	TECE311	16	TECD411	16
SSSE111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		**Continuation of elective and methodology**		**Continuation of elective**		**Elective methodology**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	LABD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD416	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	LAAD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	LABD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	LABD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD416	16
GEOE111	16	GEOE211 LASD211 or LAND211	16 8	GEOE311	16	LASD411 or LAND411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	LASD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LAND411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LLOD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	8 8	MOVE311	16	LLOD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	LAND411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
.

CURRICULUM O173P: LEARNING AREA TECHNOLOGY (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
SESE121	8						
LAAC121	8	TECE221	16	TECE321 TECD321	16 8	TECD421	16
ENGF121	8						
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		**Continuation of elective modules**		**Continuation of elective modules and methodology**		**Elective methodology**	
ACCE121	16	ACCE221	16	ACCE321 LABD321	16 8	REKD412	16
AFRE121	16	AFRE221	16	AFRD322 AFRD322	16 8	AFRD426	16
ARTE121	16	ARTE221	16	ARTE321 LAAD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 LABD321	16 8	LABD421	16
ECOE121	16	ECOE221	16	ECOE321 LABD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
GEOE121	16	GEOE221	16	GEOE321 LASD321 or LAND321	16 8	LASD421 or LAND421	16
HISE121	16	HISE221	16	HISE321 LASD321	16 8	LASD421	16
LIFE121	16	LIFE221	16	LIFE321 LAND321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LLOD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 LLOD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	**522**

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.6 CURRICULUM O174P: LEARNING AREA LANGUAGES

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
SLOE111	8	AFRE111		AFRE211 or		AFKF412(M) or	
SSSE111	8	AFRD212 or		ENGE212or	16	AFKF413(NM) or	
		ENGE111	16	SEME211		SECF412(M) or	8
		ENGD212 or	8			SECF413(NM)	
		SEME111				ZUCF412(M)**	
		SEMD211					
				WVOS311	12	AFRD416 or	
						ENGD416 or	16
						SEMD411	
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		**Continuation of elective and methodology**		**Continuation of elective**		**Elective methodology**	
ARTE111	16	ARTE211	16	ARTE311	16	LAAD411	16
		LAAD211	8				
BSTE111	16	BSTE211	16	BSTE311	16	LABD411	16
		LABD211	8				
CATE111	16	CATE211	16	CATE311	16	TECD411	16
		TECD211	8				
HISE111	16	HISE211	16	HISE311	16	LASD411	16
		LASD211	8				
INTE111	16	INTE211	16	INTE311	16	TECD411	16
		TECD211	8				
LORE111	16	LORE211	16	LORE311	16	LLOD411	16
		LLOD211	8				
MATE111	16	MATE211	16	MATE311	16	MATD411	16
		MATD211	8				
MOVE111	16	MOVE211	16	MOVE311	16	LLOD411	16
		LLOD211	8				
PHSE111	16	PHSE211	16	PHSE311	16	LAND411	16
		LAND211	8				
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O174P: LEARNING AREA LANGUAGES (CONTINUED)
Language subjects must be taken as follows:
AFRE in the FIRST SEMESTER, then ENGE or SEME in the SECOND SEMESTER.
ENGE in the FIRST SEMESTER, then AFRE or SEME in the SECOND SEMESTER.
SEME in the FIRST SEMESTER, then AFRE or ENGE in the SECOND SEMESTER.

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123 (NM) ZUCF122(M)**	8	Select a different language module AFRE121 or ENGE122or SEME121	16	AFRE221 AFRD322 or ENGE221 ENGD322 or SEME221 SEMD321	16 8	COMF511***** or RSTO421 or SMLO421	8
ENGF121	8					AFRD426 or ENGD426 or SEMD421	16
LAAC121	8						
SESE121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		Continuation of elective modules		Continuation of elective modules and methodology		Elective methodology	
ARTE121	16	ARTE221	16	ARTE321 LAAD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 LABD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
HISE121	16	HISE221	16	HISE321 LASD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
LORE121	16	LORE221	16	LORE321 LLOD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 LLOD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.7 CURRICULUM O175P: LEARNING AREA SOCIAL SCIENCES

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8	GEOE111	16	MATF311	8	RESF411	8
SLOE111	8	LASD211	8	GEOE211	16	LASD411	16
SNSE111	8			WVOS311	12		
						AFKF412(M) or AFKF413(NM) or SECF412 (M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		**Continuation of elective and methodology**		**Continuation of elective**		**Elective methodology**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	LABD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD416	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	LABD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	TECD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	LABD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD416	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	TECD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LAND411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LLOD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
PHSE 111	16	PHSE211 LAND211	16 8	PHSE311	16	LAND411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O175P: LEARNING AREA SOCIAL SCIENCES (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122 (M) or AFKF123(NM) or SECF122 (M) or SECF123 (NM) ZUCF122(M)**	8	HISE121	16	HISE221	16	COMF511***** or RSTO421 or SMLO421	8
				LASD321	8		
ENGF121	8					LASD421	
LAAC121	8						
SESE121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		Continuation of elective modules		Continuation of elective modules and methodology		Elective methodology	
ACCE121	16	ACCE221	16	ACCE321 LABD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD426	16
BSTE121	16	BSTE221	16	BSTE321 LABD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 LABD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LAND321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LLOD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CUURICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.8 CURRICULUM O176P: LEARNING AREA ECONOMIC AND MANAGEMENT SCIENCES

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8	ECOE111	16	MATF311	8	RESF411	8
SNSE111	8	LABD211	8	BSTE211	16	LABD411	16
SSSE111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		Continuation of elective and methodology		Continuation of elective		Elective methodology	
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	8	AFRD416	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	TECD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	8	ENGD416	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	8	LASD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	8	TECD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LLOD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	8	MATD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	8	LAND411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	8	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	8	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O176P: LEARNING AREA ECONOMIC AND MANAGEMENT SCIENCES (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF211	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122 (M) or AFKF123(NM) or SECF122 (M) or SECF123 (NM) ZUCF122(M)**	8	ECOE121	16	BSTE221	16	COMF511***** or RSTO421 or SMLO421	8
ENGF121	8			LABD321	8	LABD421	16
LAAC121	8						
STEE121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		Continuation of elective modules		Continuation of elective modules and methodology		Elective methodology	
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD426	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
GEOE121	16	GEOE221	16	GEOE321 LASD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
LORE121	16	LORE221	16	LORE321 LLOD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	65	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.9 CURRICULUM O177P: LEARNING AREA LIFE ORIENTATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8	LORE211	16	MATF311	8	RESF411	8
SSSE111	8	LLOD211	8	LORE311	16	LLOD411	16
SNSE111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF 412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		Continuation of elective and methodology		Continuation of elective		Elective methodology	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	LABD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD416	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	LAAD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	LABD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	TECD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD416	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	LABD411	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	LASD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	LASD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	TECD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LAND411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	LAND411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
**** SBET: Only Year level 4.

CURRICULUM O177P: LEARNING AREA LIFE ORIENTATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8	LORE221	16	LORE321	16	COMF511***** or RSTO421 or SMLO421	8
ENGF121	8			LLOD321	8	LLOD421	16
LAAC121	8						
STEE121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		Continuation of elective modules		Continuation of elective modules and methodology		Elective methodology	
ACCE121	16	ACCE221	16	ACCE321 LABD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD426	16
ARTE121	16	ARTE221	16	ARTE321 LAAD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 LABD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
ECOE121	16	ECOE221	16	ECOE321 LABD321	16 8	LABD421	16
GEOE121	16	GEOE221	16	GEOE321 LASD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 LASD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LAND321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
Only for CEDAR College.
**** SBET: Only Year level 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.10 CURRICULUM O178P: LEARNING AREA ARTS AND CULTURE

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8	LAAE111	16	MATF311	8	RESF411	8
SLOE111	8	LAAD211	8	LAAE211	16	LAAD411	16
SSSE111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		**Continuation of elective and methodology**		**Continuation of elective**		**Elective methodology**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	LABD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD416	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	LABD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	TECD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD416	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	LASD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	LASD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	TECD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LAND411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LLOD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	LLOD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	LAND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
**** Only for CEDAR College.**
***** Although the module has a second semester code, it is presented in the first semester.**
****** SBET: Only Year level 4.**

CURRICULUM O178P: LEARNING AREA ARTS AND CULTURE (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
ENGF121	8	LAAE121	16	LAAE221 LAAD321	16 8	LAAD421	16
STEE121 SESE121	8 8						
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		**Continuation of elective modules**		**Continuation of elective modules and methodology**		**Elective methodology**	
ACCE121	16	ACCE221	16	ACCE321 LABD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD426	16
BSTE121	16	BSTE221	16	BSTE321 LABD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
GEOE121	16	GEOE221	16	GEOE321 LASD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 LASD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LAND321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LLOD321	16 8	LLOD421	16
MOVE121	16	MOVE221	16	MOVE321 LLOD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	**522**

**The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
**** SBET: Only Year level 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.6.11 CURRICULUM O179P: LEARNING AREA MATHEMATICS

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8	MALA211	16	MATF311	8	RESF411	8
SLOE111	8	MATD211	8	MALA311	16	MATD411	16
SSSE111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
One of the following electives		**Continuation of elective and methodology**		**Continuation of elective**		**Elective methodology**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	LABD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD416	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	LAAD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	LABD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	TECD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD416	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	LASD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	LASD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	TECD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LAND411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LLOD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	LLOD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	LAND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O179P: LEARNING AREA MATHEMATICS (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
ENGF121	8	MALA221	16	MALA321 MATD321	16 8	MATD421	16
STEE121 SESE121	8 8						
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective modules		**Continuation of elective modules**		**Continuation of elective modules and methodology**		**Elective methodology**	
ACCE121	16	ACCE221	16	ACCE321 LABD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD426	16
ARTE121	16	ARTE221	16	ARTE321 LAAD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 LABD321	16 8	LABDD421	16
CATE121	16	CATE221	16	CATE321 TECD321	16 8	TECD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD426	16
GEOE121	16	GEOE221	16	GEOE321 LASD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 LASD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 TECD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LAND321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LLOD321	16 8	LLOD421	16
MOVE121	16	MOVE221	16	MOVE321 LLOD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 LAND321	16 8	LAND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	**522**

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.

**Only for CEDAR College.

*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.7   PROGRAMME: BEd SENIOR AND FURTHER EDUCATION AND TRAINING PHASE 422 102
(Full-time, SBET, MoA CEDAR College, MoA AROS, MoA NIHE)

This qualification is directed at the training of educators teaching from Grade 7 to Grade 12. *The student must choose between general curriculum's (ED.1.7) and FET Technology curriculum's (ED.1.8).*

ED.1.7.1 Programme outcomes
The learners are expected to:
- demonstrate communicative, numerical and technological competence and literacy in ways that facilitate their own academic learning, and that enhance the management of teaching, learning and assessment in their classrooms;
- demonstrate competence in their area of specialisation with regard to the integration of knowledge and skills in order to mediate learning according to diverse learner needs;
- demonstrate competence in their area of specialisation to strategically select, implement and adjust teaching and learning strategies, teaching and learning support material and assessment practices grounded in education theory to enhance learning progress and the holistic development of all learners;
- demonstrate competency in functioning professionally, ethically and responsibly in different education contexts and the community by creating and maintaining caring, supportive and empowering environments for learners.

ED.1.7.2 Presentation of curriculum's
Curriculum's listed below will only be presented in a specific year if a minimum of ten learners register for the specific curriculum.

ED.1.7.3 Structure of curriculum
Curriculums are structured from the modules in ED.1.7.4 to ED.1.7.22. These modules are spread over four years.

ED.1.7.4 CURRICULUM O180P: ONDERWYSAFRIKAANS

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

Not presented from 2010 onwards

CURRICULUM O180P: ONDERWYSAFRIKAANS (CONTINUED)

YEAR LEVEL 1 SECOND SEMESTER		YEAR LEVEL 2 SECOND SEMESTER		YEAR LEVEL 3 SECOND SEMESTER		YEAR LEVEL 4 SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421 or LAND411	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2ⁿᵈ semester	77	**Total 2ⁿᵈ semester**	61	**Total 2ⁿᵈ semester**	65	**Total 2ⁿᵈ semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.

**Only for CEDAR College.

*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.5 CURRICULUM O181P: LIFE SCIENCES FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M)or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 ADSD211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 3 and 4.

Not presented from 2010 onwards

CURRICULUM O181P: LIFE SCIENCES FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE 221	16	ECOE321 ECOD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	ADSD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
**** SBET: Only Year level 3 and 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

56

ED.1.7.6 CURRICULUM O182P: INFORMATION TECHNOLOGY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M)or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE 111	16	CATE211 ADSD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
**** Only for CEDAR College.**
***** Although the module has a second semester code, it is presented in the first semester.**
***** SBET: Only Year level 3 and 4.**

Not presented from 2010 onwards

CURRICULUM O182P: INFORMATION TECHNOLOGY FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	8 8	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	ADSD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	ECOD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
**** SBET: Only Year level 3 and 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

| Not presented from 2010 onwards |

ED.1.7.7 CURRICULUM O183P: ENGLISH FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE 111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

Not presented from 2010 onwards

CURRICULUM O183P: ENGLISH FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8	ENGF221	8				
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.8 CURRICULUM O184P: ECONOMICS FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ACCE111	16	ACCE211 ADSD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 ADSD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

CURRICULUM O184P: ECONOMICS FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
ENGF121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	ADSD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	ADSD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND425	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.7.9 CURRICULUM O185P: HISTORY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LAND 211	16 8	GEOE311	16	GEOD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

Not presented from 2010 onwards

CURRICULUM O185P: HISTORY FOR EDUCATION (CONTINUED)

YEAR LEVEL 1 SECOND SEMESTER		YEAR LEVEL 2 SECOND SEMESTER		YEAR LEVEL 3 SECOND SEMESTER		YEAR LEVEL 4 SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LAND421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16 8	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.10 CURRICULUM O186P: GEOGRAPHY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		**FIRST SEMESTER**		**FIRST SEMESTER**		**FIRST SEMESTER**	
Module code	**Cr**	**Module code**	**Cr**	**Module code**	**Cr**	**Module code**	**Cr**
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
GEOE111	16	GEOE211	16	GEOE311	16	GEOD411	16
		LASD211 or LAND211	8				
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE 111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
HISE111	16	HISE211 ADSD211	16 8	HISE311	16	HISD411	16
LIFE111	16	LIFE211 LAND211	8 8	LIFE311	16	LIFD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211 or ADSD211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	**Total 1st semester**	72	**Total 1st semester**	68	**Total 1st semester**	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
**** Only for CEDAR College.**
***** Although the module has a second semester code, it is presented in the first semester.**

Not presented from 2010 onwards

CURRICULUM O186P: GEOGRAPHY FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421 or LAND421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	ADSD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421 or ADSD421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16 8	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421 or ADSD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

66

ED.1.7.11 CURRICULUM O187P: LIFE ORIENTATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	**Total 1st semester**	72	**Total 1st semester**	68	**Total 1st semester**	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

Not presented from 2010 onwards

67

CURRICULUM O187P: LIFE ORIENTATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321		RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16 8	MATL321 MATD321	16 8	MATD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.

**Only for CEDAR College.

*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards	

68

ED.1.7.12 CURRICULUM O188P: ART FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM)or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE211	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

| Not presented from 2010 onwards |

CURRICULUM O188P: ART FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123 (NM or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
ARTE121	16	ARTE221	16	ARTE 321 ARTD321	16 8	LAAD421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421 or LAND421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for Cedar College.
**** SBET: Only Year level 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.13 CURRICULUM O189P: MOVEMENT SCIENCE FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE211	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

Not presented from 2010 onwards

71

CURRICULUM O189P: MOVEMENT SCIENCE FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for Cedar College.
**** SBET: Only Year level 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

72

ED.1.7.14 CURRICULUM O190P: PHYSICAL SCIENCES FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 3 and 4.

| Not presented from 2010 onwards |

CURRICULUM O190P: PHYSICAL SCIENCES FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123 (NM)or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for Cedar College.
**** SBET: Only Year level 3 and 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

74

ED.1.7.15 CURRICULUM O191P: BUSINESS STUDIES FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 ADSD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ECOE111	16	ECOE211 ADSD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE211	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

Not presented from 2010 onwards

CURRICULUM O191P: BUSINESS STUDIES FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123 (NM)or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	ADSD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	ADSD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.

**Only for Cedar College.

*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.16 CURRICULUM O192P: ACCOUNTING FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ARTE111	16	ARTE211 LAAD221	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 ADSD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 ADSD211	16 8	ECOE311	16	ECOD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD4111	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.

Not presented from 2010 onwards

77

CURRICULUM O192P: ACCOUNTING FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	ADSD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	ADSD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.

**Only for Cedar College.

*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards	

ED.1.7.17 CURRICULUM O193P: COMPUTER APPLICATIONS TECHNOLOGY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LAND211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 ADSD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.

** Only for CEDAR College.

*** Although the module has a second semester code, it is presented in the first semester.

****SBET: Only Year level 4.

Not presented from 2010 onwards	

CURRICULUM O193P: COMPUTER APPLICATIONS TECHNOLOGY FOR EDUCATION (CONTINUED)

| YEAR LEVEL 1 | | YEAR LEVEL 2 | | YEAR LEVEL 3 | | YEAR LEVEL 4 | |
| SECOND SEMESTER | | SECOND SEMESTER | | SECOND SEMESTER | | SECOND SEMESTER | |
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123 (NM)or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	ADSD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2ⁿᵈ semester	77	**Total 2ⁿᵈ semester**	61	**Total 2ⁿᵈ semester**	65	**Total 2ⁿᵈ semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
**** SBET: Only Year level 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.18 CURRICULUM O194P: MATHEMATICS FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	8	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		Continuation of elective 1 and methodology		Continuation of elective 1		Methodology of elective 1	
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
Elective 2: One of the following		Continuation of elective 2 and methodology		Continuation of elective 2		Methodology of elective 2	
ACCE111	8 8	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	8 8	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 3 and 4.

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE211	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	8	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
**** SBET: Only Year level 3 and 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.7.19 CURRICULUM O195P: MATHEMATICAL LITERACY

YEAR LEVEL 1 FIRST SEMESTER		YEAR LEVEL 2 FIRST SEMESTER		YEAR LEVEL 3 FIRST SEMESTER		YEAR LEVEL 4 FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	8	AFKF412(M) or AFKF413(NM) or SECF412(N) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
MATL112	16	MATL212	16	MATL311	16	MATD411	16
		MATD211	8				
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211	16	ACCE311	16	ACCD411	16
		LABD211	8				
AFRE111	16	AFRE211	16	AFRE311	16	AFRD417	16
		AFRD212	8				
ARTE111	16	ARTE211	16	ARTE311	16	ARTD411	16
		LAAD211	8				
BSTE111	8	BSTE211	16	BSTE311	16	BSTD411	16
	8	LABD211	8				
CATE111	16	CATE211	16	CATE311	16	CATD411	16
		TECD211	8				
EGDE111	8	EGDE211	16	EGDE311	16	EGDD411	16
EGDE112	8	EGDD211	8				
ENGE111	16	ENGE212	16	ENGE311	16	ENGD417	16
		ENGD212	8				
GEOE111	16	GEOE211	16	GEOE311	16	GEOD411	16
		LASD211	8				
HISE111	16	HISE211	16	HISE311	16	HISD411	16
		LASD211	8				
INTE111	16	INTE211	16	INTE311	16	INTD411	16
		TECD211	8				
LIFE111	16	LIFE211	16	LIFE311	16	LIFD411	16
		LAND211	8				
LORE111	16	LORE211	16	LORE311	16	LORD411	16
		LLOD211	8				
MOVE111	16	MOVE211	16	MOVE311	16	MOVD411	16
		LLOD211	8				
PHSE111	16	PHSE211	16	PHSE311	16	PHSD411	16
		LAND211	8				
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
**** SBET: Only Year level 4.

| Not presented from 2010 onwards |

CURRICULUM O195P: MATHEMATICAL LITERACY (CONTINUED)

YEAR LEVEL 1 SECOND SEMESTER		YEAR LEVEL 2 SECOND SEMESTER		YEAR LEVEL 3 SECOND SEMESTER		YEAR LEVEL 4 SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
MATL121	16	MATL221	16	MATL321	16	MATD421	16
				MATD321	8		
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ACCE121	16	ACCE221	16	ACCE321	16	LABD421	16
				ACCD321	8		
AFRE121	16	AFRE221	16	AFRE321	16	AFRD427	16
				AFRD322	8		
ARTE121	16	ARTE221	16	ARTE321	16	LAAD421	16
				ARTD321	8		
BSTE121	16	BSTE211	16	BSTE321	16	LABD421	16
				BSTD321	8		
CATE121	16	CATE221	16	CATE321	16	TECD421	16
				CATD321	8		
EGDE121	8	EGDE221	16	EGDE321	16	EGDD421	16
EGDE122	8			EGDD321	8		
ENGE122	16	ENGE221	16	ENGE321	16	ENGD427	16
				ENGD322	8		
GEOE121	16	GEOE221	16	GEOE321	16	LASD421	16
				GEOD321	8		
HISE121	16	HISE221	16	HISE321	16	LASD421	16
				HISD321	8		
INTE121	16	INTE221	8	INTE321	16	TECD421	16
				INTD321	8		
LIFE121	16	LIFE221	16	LIFE321	16	LAND421	16
				LIFD321	8		
LORE121	16	LORE221	16	LORE321	16	LLOD421	16
				LORD321	8		
MOVE121	16	MOVE221	16	MOVE321	16	LLOD421	16
				MOVD321	8		
PHSE121	16	PHSE221	16	PHSE321	16	LAND421	16
				PHSD321	8		
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
**** SBET: Only Year level 4.
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards

ED.1.7.20 CURRICULUM O196P: SETSWANA FOR EDUCATION (M)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	8	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	2
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	8	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

CURRICULUM O196P: SETSWANA FOR EDUCATION (M) (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC221	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE211	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
****SBET: Only Year level 4
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.7.21 CURRICULUM O197P: SETSWANA FOR EDUCATION (NM)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ACCE111	16	ACCE211 LABD211	16 8	ACCE311	16	ACCD411	16
AFRE111	16	AFRE211 AFRD212	16 8	AFRE311	16	AFRD417	16
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	8	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
EGDE111 EGDE112	8 8	EGDE211 EGDD211	16 8	EGDE311	16	EGDD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
HISE111	16	HISE211 LASD211	16 8	HISE311	16	HISD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
LIFE111	16	LIFE211 LAND211	16 8	LIFE311	16	LIFD411	16
LORE111	16	LORE211 LLOD211	16 8	LORE311	16	LORD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
Total 1st semester	**56**	**Total 1st semester**	**72**	**Total 1st semester**	**68**	**Total 1st semester**	**64**

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

CURRICULUM O197P: SETSWANA FOR EDUCATION (NM) (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	MATF221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC221	8	EDCC121	8	EDCC221	
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		Continuation of elective 1		Continuation of elective 1 and methodology		Methodology of elective 1	
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
Continuation of elective 2		Continuation of elective 2		Continuation of elective 2 and methodology		Methodology of elective 2	
ACCE121	16	ACCE221	16	ACCE321 ACCD321	16 8	LABD421	16
AFRE121	16	AFRE221	16	AFRE321 AFRD322	16 8	AFRD427	16
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE211	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
HISE121	16	HISE221	16	HISE321 HISD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
LIFE121	16	LIFE221	16	LIFE321 LIFD321	16 8	LAND421	16
LORE121	16	LORE221	16	LORE321 LORD321	16 8	LLOD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
****SBET: Only Year level 4
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

ED.1.7.22 CURRICULUM O198P: ENGINEERING GRAPHICS AND DESIGN

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
CMPF111	8			MATF311	8	RESF411	8
				WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM) ZUCF412(M)**	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective 1		**Continuation of elective 1 and methodology**		**Continuation of elective 1**		**Methodology of elective 1**	
EGDE111	8	EGDE211	16	EGDE311	16	EGDD411	16
EGDE112	8	EGDD211	8				
Elective 2: One of the following		**Continuation of elective 2 and methodology**		**Continuation of elective 2**		**Methodology of elective 2**	
ARTE111	16	ARTE211 LAAD211	16 8	ARTE311	16	ARTD411	16
BSTE111	16	BSTE211 LABD211	16 8	BSTE311	16	BSTD411	16
CATE111	16	CATE211 TECD211	16 8	CATE311	16	CATD411	16
ECOE111	16	ECOE211 LABD211	16 8	ECOE311	16	ECOD411	16
ENGE111	16	ENGE212 ENGD212	16 8	ENGE311	16	ENGD417	16
GEOE111	16	GEOE211 LASD211	16 8	GEOE311	16	GEOD411	16
INTE111	16	INTE211 TECD211	16 8	INTE311	16	INTD411	16
MATE111	16	MATE211 MATD211	16 8	MATE311	16	MATD411	16
MATL112	16	MATL212 MATD211	16 8	MATL311	16	MATD411	16
MOVE111	16	MOVE211 LLOD211	16 8	MOVE311	16	MOVD411	16
PHSE111	16	PHSE211 LAND211	16 8	PHSE311	16	PHSD411	16
SEME111	16	SEME211 SEMD211	16 8	SEME311	16	SEMD411	16
SENE111	16	SENE211 SEND211	16 8	SENE311	16	SEND411	16
Total 1st semester	56	**Total 1st semester**	72	**Total 1st semester**	68	**Total 1st semester**	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
** Only for CEDAR College.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

Not presented from 2010 onwards

CURRICULUM O198P: ENGINEERING GRAPHICS AND DESIGN (CONTINUED)

YEAR LEVEL 1 SECOND SEMESTER		YEAR LEVEL 2 SECOND SEMESTER		YEAR LEVEL 3 SECOND SEMESTER		YEAR LEVEL 4 SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	MATF221	8	TECF321	8	RESF421	
AGLA121 or AGLE121	12	WVOS221	12				
ENGF121	8						
AFKF122(M) or AFKF123(NM) or SECF122(M)) or SECF123(NM) ZUCF122(M)**	8					COMF511***** or RSTO421 or SMLO421	8
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective 1		**Continuation of elective 1**		**Continuation of elective 1 and methodology**		**Methodology of elective 1**	
EGDE121 EGDE122	8 8	EGDE221	16	EGDE321 EGDD321	16 8	EGDD421	16
Continuation of elective 2		**Continuation of elective 2**		**Continuation of elective 2 and methodology**		**Methodology of elective 2**	
ARTE121	16	ARTE221	16	ARTE321 ARTD321	16 8	LAAD421	16
BSTE121	16	BSTE221	16	BSTE321 BSTD321	16 8	LABD421	16
CATE121	16	CATE221	16	CATE321 CATD321	16 8	TECD421	16
ECOE121	16	ECOE221	16	ECOE321 ECOD321	16 8	LABD421	16
ENGE122	16	ENGE221	16	ENGE321 ENGD322	16 8	ENGD427	16
GEOE121	16	GEOE221	16	GEOE321 GEOD321	16 8	LASD421	16
INTE121	16	INTE221	16	INTE321 INTD321	16 8	TECD421	16
MATE121	16	MATE221	16	MATE321 MATD321	16 8	MATD421	16
MATL121	16	MATL221	16	MATL321 MATD321	16 8	MATD421	16
MOVE121	16	MOVE221	16	MOVE321 MOVD321	16 8	LLOD421	16
PHSE121	16	PHSE221	16	PHSE321 PHSD321	16 8	LAND421	16
SEME121	16	SEME221	16	SEME321 SEMD321	16 8	SEMD421	16
SENE121	16	SENE221	16	SENE321 SEND321	16 8	SEND421	16
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	**Total 2nd semester**	61	**Total 2nd semester**	65	**Total 2nd semester**	59
Total level 1	133	**Total level 2**	133	**Total level 3**	133	**Total level 4**	123
						TOTAL FOR THE CURRICULUM	**522**

*The balance of the credits is included in EDCC112, EDCC212, EDCC312 and EDCC412.
**Only for CEDAR College.
****SBET: Only Year level 4
*****COMF511 is presented in BEd and the PGCE. COMF511 is presented for the BEd in the second semester and for the PGCE in the first semester.

Not presented from 2010 onwards ▌

ED.1.8   SENIOR AND FURTHER EDUCATION AND TRAINING PHASE (FET TECHNOLOGY) 422 112
(Method of presentation: Full-time, SBET)

This qualification is directed at the training of educators for Grade 10 to Grade 12 in the technological programme of study. SBET students can do this phase in their fourth year.

ED.1.8.1 Programme outcomes
The learners are expected to:

- demonstrate communicative, numerical and technological competence and literacy in ways that facilitate their own academic learning, and that enhance the management of teaching, learning and assessment in their classrooms;
- demonstrate competence in their area of specialisation with regard to the integration of knowledge and skills in order to mediate learning according to diverse learner needs;
- demonstrate competence in their area of specialisation to strategically select, implement and adjust teaching and learning strategies, teaching and learning support material and assessment practices grounded in education theory to enhance learning progress and the holistic development of all learners;
- demonstrate competency in functioning professionally, ethically and responsibly in different education contexts and the community by creating and maintaining caring, supportive and empowering environments for learners.

ED.1.8.2 Presentation of curriculum's
Curriculum's listed below will be presented in a specific year only if a minimum of ten learners register for the specific curriculum.

ED.1.8.3 Structure of curriculum
The curriculums are structured from the modules in ED.1.8.4 to ED.1.8.6. These modules are spread over four years.

ED.1.8.4 CURRICULUM O199P: MECHANICAL TECHNOLOGY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			WSKT311	8	RESF411	8
WSKT111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM)	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective		Continuation of elective and methodology		Continuation of elective		Continuation of elective and methodology	
EGDE111	8	EGDE211	16	EGDE311	16	EGDD411	16
EGDE112	8	EGDD211	8				
TEWE111	8	ITEE211	8	ITEE311	8	ITEE412	8
		VTEE211	8	VTEE311	8	VTEE411	8
		MTED211	8				
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

93

CURRICULUM O199P: MECHANICAL TECHNOLOGY FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	WSKT221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM)	8						
ENGF121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective		Continuation of elective		Continuation of elective		Methodology of elective	
EGDE121	8	EGDE221	16	EGDD321	8	EGDD421	16
EGDE122	8			EGDE321	16		
				MTED321	8	MTED421	8
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
STEE121	8	VTEE221	8	VTEE321	8	VTEE422	8
TTED121	8	ITEE221	8	ITEE322	8	ITEE421	8
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in: EDCC112, EDCC212, EDCC312 and EDCC412 ingesluit.
****SBET: Only Year level 4.

ED.1.8.5 CURRICULUM O200P: CIVIL TECHNOLOGY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			WSKT311	8	RESF411	8
WSKT111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM)	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective		Continuation of elective and methodology		Continuation of elective		Continuation of elective and methodology	
EGDE111	8	EGDE211	16	EGDE311	16	EGDD411	16
EGDE112	8	EGDD211	8				
TEWE111	8	CTEE211	16	CTEE311	16	CTEE411	16
		CTED211	8				
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

95

CURRICULUM O200P: CIVIL TECHNOLOGY FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**		**Fundamental (compulsory) modules**	
LIFF121	8	WSKT221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM)	8						
ENGF121	8						
Core (compulsory) modules		**Core (compulsory) modules**		**Core (compulsory) modules**		**Core (compulsory) modules**	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective		**Continuation of elective**		**Continuation of elective**		**Methodology of elective**	
EGDE121	8	EGDE221	16	EGDD321	8	EGDD421	16
EGDE122	8			EGDE321	16		
				CTED321	8	CTED421	8
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
STEE121	8						
TTED121	8	CTEE221	16	CTEE321	16	CTEE421	16
Total 2nd semester	**77**	**Total 2nd semester**	**61**	**Total 2nd semester**	**65**	**Total 2nd semester**	**59**
Total level 1	**133**	**Total level 2**	**133**	**Total level 3**	**133**	**Total level 4**	**123**
						TOTAL FOR THE CURRICULUM	**522**

*The balance of the credits is included in: EDCC112, EDCC212, EDCC312 and EDCC412 ingesluit.
****SBET: Only Year level 4.

ED.1.8.6 CURRICULUM O201P: ELECTRICAL TECHNOLOGY FOR EDUCATION

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER		FIRST SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
CMPF111	8			WSKT311	8	RESF411	8
WSKT111	8			WVOS311	12	AFKF412(M) or AFKF413(NM) or SECF412(M) or SECF413(NM)	8
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC112	8	EDCC211	8	EDCC312	8	EDCC411	8
EDCC113	8	EDCC212	8	EDCC313	8	EDCC412	8
		ENGF221***	8				
Elective		Continuation of elective and methodology		Continuation of elective		Continuation of elective and methodology	
EGDE111	8	EGDE211	16	EGDE311	16	EGDD411	16
EGDE112	8	EGDD211	8				
TEWE111	8	ETEE212	16	ETEE311	16	ETEE411	16
		ETED211	8				
Total 1st semester	56	Total 1st semester	72	Total 1st semester	68	Total 1st semester	64

NB: Learners who did not pass with endorsement must take LEWV112 and LEWV211.
*** Although the module has a second semester code, it is presented in the first semester.
****SBET: Only Year level 4.

CURRICULUM O201P: ELECTRICAL TECHNOLOGY FOR EDUCATION (CONTINUED)

YEAR LEVEL 1		YEAR LEVEL 2		YEAR LEVEL 3		YEAR LEVEL 4	
SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER		SECOND SEMESTER	
Module code	Cr	Module code	Cr	Module code	Cr	Module code	Cr
Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules		Fundamental (compulsory) modules	
LIFF121	8	WSKT221	8	TECF321	8	RESF421	8
AGLA121 or AGLE121	12	WVOS221	12				
AFKF122(M) or AFKF123(NM) or SECF122(M) or SECF123(NM)	8						
ENGF121	8						
Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules		Core (compulsory) modules	
EDCC121	8	EDCC222	8	EDCC321	8	EDCC421	8
*PRTC122	1	*PRTC222	1	*PRTC322	1	*PRTC422	1
Continuation of elective		Continuation of elective		Continuation of elective		Methodology of elective	
TTED121	8	ETEE221	16	ETEE321	16	ETEE422	16
STEE121	8						
EGDE121	8	EGDE221	16	EGDD321	8	EGDD421	16
EGDE122	8			EGDE321	16		
				ETED321	8	ETED421	8
						Two of the following AFTB521 ENTB521 TWTB521 ZOTB521	2
Total 2nd semester	77	Total 2nd semester	61	Total 2nd semester	65	Total 2nd semester	59
Total level 1	133	Total level 2	133	Total level 3	133	Total level 4	123
						TOTAL FOR THE CURRICULUM	522

*The balance of the credits is included in: EDCC112, EDCC212, EDCC312 and EDCC412 ingesluit.
****SBET: Only Year level 4.

ED.2: **RULES FOR THE BACCALAUREUS TRAINING AND DEVELOPMENT**
This qualification is only presented in English. Consult the BTD Calendar for particulars.

ED.3 **MODULE OUTCOMES**

BEd

Module Code: ACCD321	Semester 2	8 Credits	NQF-Level: 6

Title: Accounting Methodology: FET phase
After completing this module, the student should be able to:
- have a well-rounded and systematic knowledge base regarding lesson planning, learner programme development, teaching aids and teaching management of the subject didactics of Accounting;
- have an informed base of understanding of key terms, rules, concepts, established principles and theories regarding the presentation of Accounting with reference to the National Curriculum Statement;
- have the ability to utilise unknown and abstract information in theoretical-driven arguments, IT skills to effectively gather, organise, make a critical analysis and interpret information regarding related concepts, and
- be able to communicate information coherently and reliably, individually or as part of a group according to general accepted accounting practices (GAAP).

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ACCD411	Semester 1	16 Credits	NQF-Level: 6

Title: Accounting Methodology: FET phase
After completing this module, the student should be able to:
- have a well-rounded and systematic knowledge base regarding lesson planning, learner programme development, teaching aids and teaching management of the subject didactics of Accounting;
- have an informed base of understanding of key terms, rules, concepts, established principles and theories regarding the presentation of Accounting;
- be able to gather, organise, make a critical analysis and interpret information, to communicate information coherently and reliably, individually or as part of a group;
- be able to select information and develop the necessary presentation skills using appropriate technologies according to general accepted accounting practice (GAAP).

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ACCE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Accounting for Education: Application of Accounting Systems
After completing this module, the student should be able to:

- display a fundamental knowledge of the purpose and function of accounting by designing an accounting system as desired by need for a specific application/approach to an accounting practice;
- analyse, identify, define and indicate the functions of the linked elements of an accounting system/practice such as the documentation of transactions, various books (journal, ledgers), bill transactions, internal control and reconciliation, wages and salary journals, support ledgers and control accounts as theoretical basis for the use of procedures and processes, conventions and formats in practically related examples/situations;
- deal with elementary problems by means of research and information acquisition skills, obtain information and integrate as a whole to form part of a solution and deliver it to both a lay and professional audience by making use of the appropriate technology;
- be ethically motivated and value-driven in all operational circumstances and forms of communication, written and verbal.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ACCE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Accounting for Education: Financial Reporting – Sole Proprietor
After completing this module, the student should be able to:

- display a fundamental knowledge of the purpose and function of display a fundamental knowledge of financial reporting by designing an accounting system as desired by need for a specific application/approach to an accounting practice;
- collect, analyse, present, decipher, report and interpret the linked elements of an accounting system/practice such as the trial balances, settlements, final accounts, ten column work sheets, financial statements and ratios in principle with theoretical basis, the use of procedures and processes in practice-related examples/situations;
- be able to deal with elementary problems by means of research and information-acquisition skills, to obtain information and integrate it as a whole to form part of a solution and to deliver it to both a lay and professional audience by making use of the appropriate technology;
- behave ethically and be value-driven in all operational circumstances and forms of communication, written and verbal.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ACCE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Accounting for Education: Asset Disposal, Partnership and Departments
After completing this module, the student should be able to:

- display a fundamental knowledge of asset purchasing, partnerships and departments by designing an accounting system as desired by need for a specific application/approach to an accounting practice;
- be able to analyse critically, note and interpret the linked elements of an accounting system/practice such as the sale of any property, plant or equipment, daily transactions of a partnership admission, withdrawal of partner and dissolution of a partnership, transactions according to departments and annual financial statements in principle with theoretical basis, the use of procedures and processes in practically related examples/situations;
- be able to deal with well-formulated yet unknown problems by means of research and information-acquisition skills, to obtain information and integrate it as a whole to form part of a solution and to deliver it to both a lay and professional audience by making use of the appropriate technology;
- behave ethically and be value-driven in all operational circumstances and forms of communication, written and verbal.

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
                                        1x3 hour written examination 50 %

Module Code: ACCE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Accounting for Education: Manufacturing, Non-trading Enterprises and Budgets
After completing this module, the student should be able to:

- display a fundamental knowledge of manufacturing, non-profit organizations and budgets by designing an accounting system as desired by need for a specific application/approach to an accounting practice;
- be able to analyse critically, evaluate, control, note and interpret the linked elements of an accounting system/practice such as the manufacturing and non-trading businesses, financial data for budgets and the tracing and correction of errors with theoretical basis, the use of correct procedures and formats in practically related examples/situations;
- be able to deal with well-formulated but unknown problems by means of research and information acquisition skills, to obtain information and integrate it as a whole to form part of a solution and to deliver it to both a lay and professional audience by making use of the appropriate technology;
- behave ethically and be value-driven in all operational circumstances and forms of communication, written and verbal.

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
                                        1x3 hour written examination 50 %

Module Code: ACCE311	Semester 1	16 Credits	NQF-Level: 6

Title: Accounting for Education: Close Corporations and Companies
After completing this module, the student should be able to:
- display basic and systematic knowledge of close corporations and companies by designing an accounting system as desired by need for a specific application/approach to an accounting practice;
- analyse, interpret and translate the linked elements of an accounting system/practice such as accounting entries in the various books (journal, ledgers) regarding close corporations and companies as business forms, closed accounts and financial year-end statements in principle with theoretical basis, and the use of procedures and processes in practically related examples/situations;
- deal with unknown concrete and abstract problems by means of research and information acquisition skills, to obtain information and integrate as a whole to form part of a solution and to deliver it to both a lay and professional audience by making use of the appropriate technology;
- behave ethically and be value-driven in all operational circumstances and forms of communication, written and verbal.
- forms of communication, written and verbal.

Mode of Delivery:	Full-time, MoA AROS, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: ACCE321	Semester 2	16 Credits	NQF-Level: 6

Title: Accounting for Education: Financial Statement, Branches and Incomplete Records
After completing this module, the student should be able to:
- display a fundamental and systematic knowledge of the financial statements, branch accounts and conversion of incomplete records by designing an accounting system as desired by need for a specific application/approach to an accounting practice;
- analyse, interpret, define as well as indicate and interpret the functions of the final statements from the linked elements of an accounting system/practice such as preparation of accounting books and statements from incomplete information and incomplete records, cash flow statement and cash budgeting, account records for head office and branches in principle with theoretical basis, and the use of procedures and processes, conventions and format in practically related examples/situations;
- deal with unknown concrete and abstract problems by means of research and information acquisition skills, to obtain information and integrate it as a whole to form part of a solution and to deliver it to a lay and professional audience by making use of the appropriate technology;
- behave ethically and be value-driven in all operational circumstances and forms of communication, written and verbal.

Mode of Delivery:	Full-time, MoA AROS, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: ADSD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Additional Subject Methodology

After completing this module, the student should be able to:

- have a solid knowledge base of general creativity, creative teachers, creative learners, creative classrooms and creative problem solving, with an informed notion of key terms, rules, concepts, principles and theories;
- identify themes relevant to creativity and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules; use unknown and abstract information by using graphs and theory-driven arguments; effectively use IT skills to collect, organise, analyse critically and to interpret;
- demonstrate problem-solving abilities to plan and present lessons, using appropriate technologies, unknown and abstract information, graphs and theory-driven arguments and IT skills to collect, organise, critically analyse and to interpret, giving evidence of theoretical underpinning;
- effectively communicate creativity ethically, coherently and reliably to learners in the classroom situation, using individual or group methods.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                            1x2 hour written examination 50 %

Module Code: ADSD421	Semester 2	16 Credits	NQF-Level: 6

Title: Additional Subject Methodology

After completing this module, the student should be able to:

- have a comprehensive, in-depth and systematic knowledge base of general creativity, creative teachers, creative learners, creativity classrooms and creative problem solving, with an informed notion of key terms, rules, concepts, principles and theories;
- identify themes relevant to creativity and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules use unknown and abstract information by using graphs and theory-driven arguments and effectively use IT skills to collect, organise, analyse critically and interpret;
- demonstrate problem-solving abilities to plan and present lessons, using appropriate technologies, unknown and abstract information, graphs and theory-driven arguments and IT skills to collect, organise, critically analyse and to interpret, giving evidence of theoretical underpinning; and
- effectively communicate creativity ethically, coherently and reliably to learners in the classroom situation when using individual or group methods.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                            1x3 hour written examination 50 %

Modulekode: AFKF122	Semester 2	8 Krediete	NKR-Vlak: 5a

Titel: Afrikaans Kommunikasie (M): Effektiewe taalgebruik in 'n verskeidenheid kontekste
Na afloop van hierdie module behoort die student:

- sy/haar kennis van standaardtaal en die verskillende niestandaardvorme van Afrikaans te kan demonstreer;
- die waarde en funksie van Standaardafrikaans én van bepaalde nie-standaardvariëteite van Afrikaans te begryp en hierdie kundigheid te kan gebruik om binne verskillende kontekste deur middel van gepaste taal effektief te kommunikeer, asook om skoolleerders tot sinvolle interaksie binne verskillende kontekste te begelei;
- verskillende betekenisgebruike van Afrikaanse woorde te begryp en vir leerders toeganklik te kan maak;
- Afrikaanse hoëfrekwensiewoorde en relevante skoolvakterme korrek te kan spel en die verband tussen korrekte spelling en positiewe sosiale beoordeling kan verduidelik;
- woordeboeke effektief te kan gebruik om moeilike tekste te ontsluit;
- basiese kennis van en analiseervaardigheid ten opsigte van 'n model vir tematies-georganiseerde en geïntegreerde Afrikaanse lesse volgens die vereistes van die NKV te demonstreer; en
- professioneel-etiese beginsels toe te pas in die beoordeling van niestandaardvorme van Afrikaans en die sprekers daarvan.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE	
Assesseringsmetodes:	Deurlopende assessering 50 % 1x2 uur geskrewe eksamen 50 %	

Modulekode: AFKF123	Semester 2	8 Krediete	NKR-Vlak: 5a

Titel: Afrikaans Kommunikasie (NM): Basiese taalvaardighede in verskillende sosiale kontekste
Na afloop van hierdie module behoort die student:

- 'n basiese kennis van Afrikaans as kommunikasiemedium te hê in die Leerarea Tale binne die konteks van die Nasionale Kurrikulum;
- relevante temas vir gebruik binne 'n multikulturele en multitalige gemeenskap kan identifiseer en verstaan;
- die basiese beginsels en reëls vir effektiewe interpersoonlike kommunikasie binne die teikentaal kan demonstreer en evalueer; en
- tekste met selfvertroue en deur die benutting van relevante taalnaslaanbronne te kan ontsluit en in nuwe tekste te kan herskryf.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE	
Assesseringsmetodes:	Deurlopende assessering 50 % 1x2 uur geskrewe eksamen 50 %	

Modulekode: AFKF412	Semester 1	8 Krediete	NKR-Vlak: 6

Titel: Afrikaans Kommunikasie (M): Akademiese en beroepsgerigte taalgebruik

Na afloop van hierdie module behoort die student:

- bewys te kan lewer van geïntegreerde akademiese kennis van en uitgebreide vaardigheid ten opsigte van 'n verskeidenheid vorme van verbale en nieverbale kommunikasie, asook van saaklike skriftelike kommunikasie;
- oor grondige kennis van 'n verskeidenheid geskrewe tekstipes te beskik en die vaardighede om dié tekstipes effektief te gebruik te kan demonstreer;
- bewys te kan lewer van grondige kennis van die Afrikaanse akademiese register wat vir die strukturering van referate en ander werkstukke vereis word;
- bewys te kan lewer van grondige kennis van en effektiewe vaardigheid t.o.v. die spesifieke registers en style wat binne bepaalde skoolverwante kommunikasiesituasies tot effektiewe kommunikasie lei; en
- oor die nodige kennis en vaardigheid te beskik om in ooreenstemming met die vereistes van die NKV 'n tematies-georganiseerde en geïntegreerde les te beplan en saam te stel.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 % 1x2 uur geskrewe eksamen 50 %

Modulekode: AFKF413	Semester 1	8 Krediete	NKR-Vlak: 6

Titel: Afrikaans Kommunikasie (NM): Onderwysrelevante taalvaardighede

Na afloop van hierdie module behoort die student:

- binne die konteks van die Nasionale Kurrikulum 'n soliede kennis van Afrikaans as kommunikasiemedium in die Leerarea Tale te hê;
- relevante temas vir gebruik binne 'n multikulturele en multitalige gemeenskap te kan identifiseer en verstaan;
- meer gevorderde beginsels en reëls vir effektiewe interpersoonlike kommunikasie binne die teikentaal kan demonstreer en evalueer; en
- gevorderde tekste met selfvertroue deur die benutting van relevante taalnaslaanbronne te kan ontsluit en in nuwe tekste te kan herskryf.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 % 1x2 uur geskrewe eksamen 50 %

Modulekode: AFRD212	Semester 1	8 Krediete	NKR-Vlak: 5b

Titel: Afrikaansmetodiek: Praktykgerigte UGO vir Afrikaansonderwysers

Na afloop van hierdie module behoort die student:

- die Nasionale Kurrikulumverklaring in die praktyk van Afrikaansonderwys te kan toepas;
- tipiese eienskappe van suksesvolle Afrikaansonderwysers prakties te kan demonstreer;
- werkbare tekste vir toepaslike grade en groepe te kan identifiseer;
- 'n sinvolle les te kan beplan en die bepaalde rolle van die onderwyser in die onderrig van Afrikaans kan vervul;
- kennis van die leeruitkomste praat, luister, lees en kyk, dink en redeneer van die leerarea Tale: Afrikaans te demonstreer deur die assesseringstandaarde van hierdie uitkomste te kan interpreteer;
- probleemoplossingsvaardighede te demonstreer in die beplanning en ontwikkeling van toepaslike leeraktiwiteit waaraan gemeet kan word of leerders aan die assesseringstandaarde van die leeruitkomste praat, luister, lees en kyk, dink en redeneer voldoen;
- die vermoë om bepaalde rolle van die onderwyser met betrekking tot die onderrig van Afrikaans in 'n multikulturele onderwyskonteks te vertolk, te demonstreer;
- professioneel-etiese waardes te demonstreer in die onderrig van Afrikaans; en
- leeraktiwiteite binne gegewe (geïntegreerde) leerervarings aan toepaslike as assesseringstandaarde van bepaalde leeruitkomste (praat, luister, lees, dink en redeneer) te kan koppel en toepaslike leeraktiwiteite te kan ontwikkel waaraan leerders se voldoening aan bepaalde assesseringstandaarde gemeet kan word.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %
          1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRD322	Semester 2	8 Krediete	NKR-Vlak: 6

Titel: Afrikaansmetodiek: Fasilitering van Leeruitkoms 4 en 6 op Gr. 9-vlak en die onderrig van Afrikaans as addisionele taal

- die NKV te kan interpreteer ten opsigte van die kennis en vaardighede waaroor Gr. 9-huistaalleerders, gemeet aan die assesseringstandaarde vir Leeruitkoms 4 (Skryf) en Leeruitkoms 6 (Taal in konteks), behoort te beskik;
- leerderaktiwiteite te kan ontwikkel deur middel waarvan leerders aan die hand van gepaste tekste bepaalde skryf- en leeruitkomste kan bereik én waaraan die mate waartoe Gr. 9-huistaalleerders aan bepaalde assesseringstandaarde vir Leeruitkoms 4 (Skryf) en Leeruitkoms 6 (Taal in konteks) voldoen, gemeet kan word;
- skoolhandboeke vir die onderrig van Afrikaans krities te kan evalueer ten opsigte van die voldoening daarvan aan sekere vereistes van die NKV én ten opsigte van die mate van geslaagdheid van die begeleiding wat hulle, ooreenkomstig die gestelde assesseringstandaarde vir Leeruitkoms 4 en Leeruitkoms 6 vir 'n bepaalde graad, aan onderwysers en leerders bied;
- afgeronde en sistematiese kennis te kan demonstreer ten opsigte van die onderskeid tussen die onderrig van 'n huistaal en 'n addisionele taal;
- 'n koherente en kritiese begrip te toon van die beginsels wat ten opsigte van relevante benaderings en metodes by die onderrig van 'n addisionele taal geld; en
- effektiewe leermateriaal vir die onderrig van Afrikaans as addisionele te kan selekteer en in die beplanning van leerervarings te kan benut.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRD416	Semester 1	16 Krediete	NKR-Vlak: 6

Titel: Afrikaansmetodiek: Fasilitering binne die Intermediêre en die Senior fase
Na afloop van hierdie module behoort die student:

- bewys te lewer van grondige kennis en toepassingsvaardigheid ten opsigte van departementele beleidgewende dokumentasie;
- insig te toon in begrippe, modelle, teorieë en beginsels van Afrikaansmetodiek volgens die NKV en dit sinvol binne die leerarea te gebruik om leerders te begelei;
- leer suksesvol binne die Leerarea Tale, Afrikaans, te kan fasiliteer deur onder andere aan die sewe rolle van die onderwyser te voldoen;
- tematies georganiseerde, kreatiewe leerervarings te kan beplan en te struktureer volgens die vereistes deur die NKV daaraan gestel;
- bewys te lewer van toepaslike assesseringsvaardighede ten opsigte van leer in die Intermediêre en Senior fase; en
- bewys te kan lewer van verantwoordelike selfbestuur van leer- en studie-aktiwiteite.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x3 uur geskrewe eksamen 50 %

Modulekode: AFRD417	**Semester 1**	**16 Krediete**	**NKR-Vlak: 6**

Titel: Afrikaansmetodiek: Praktykgerigte fasilitering volgens die NKV (Gr. 7-12)
Na afloop van hierdie module behoort die student:

- in staat te wees om leermateriaal en geïntegreerde leerderaktiwiteite te kan saamstel om huistaal- en addisioneletaalleerders te begelei in die bereiking van gestelde leeruitkomste; om gepaste assesseringsvorme, deur middel waarvan leerders in graad 7-12 se voldoening aan bepaalde assesseringstandaarde gemeet kan word, te kan implementeer; verworwe kennis oor die interpretasie en implementering van die NKV te kan gebruik om geïntegreerde lesse saam te stel; en om die voorskrifte van relevante departementele dokumente in breë trekke in ag te neem by die uitvoering van portefeulje-opdragte oor verskillende fasette van die onderrig van Afrikaans.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x3 uur geskrewe eksamen 50 %

Modulekode: AFRD426	**Semester 2**	**16 Krediete**	**NKR-Vlak: 6**

Titel: Afrikaansmetodiek: Voortgesette fasilitering binne die Intermediêre en Senior fase
Na afloop van hierdie module behoort die student:

- bewys te lewer van toepassingsvaardighede ten opsigte van kennis en insig wat in die voorafgaande module verkry is;
- te kan demonstreer dat hy/sy in staat is om leerders te begelei tot die suksesvolle verwerwing van toepaslike taalvaardighede in Afrikaans (Huis en Addisionele taal);
- te kan demonstreer dat hy/sy in staat is om leer op kreatiewe wyse te kan fasiliteer in ooreenstemming met die holistiese, tematies georganiseerde geïntegreerde benaderingswyse van die NKV; en
- bewys te kan lewer van verantwoordelike selfbestuur van leer- en studie-aktiwiteite.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x3 uur geskrewe eksamen 50 %

Modulekode: AFRD427	**Semester 2**	**16 Krediete**	**NKR-Vlak: 6**

Titel: Afrikaansmetodiek: Voortgesette fasilitering volgens die NKV (Gr. 7-12)
Na afloop van hierdie module behoort die student:

- in staat te wees om met insig en in fyner besonderhede uitvoering te gee aan die voorskrifte van relevante departementele dokumente wanneer geïntegreerde lesse vir leerders in die Intermediêre en Senior Fase saamgestel word én wanneer verslag gedoen word van leerdervordering; departementele voorskrifte ten opsigte van die samestelling van werkskedules, assesseringsprogramme en lesbeplanning vir die onderrig van Afrikaans aan leerders in Gr. 7-12 te kan uitvoer; verskillende handboeke en ander soorte leermateriaal te kan beoordeel ten opsigte van die geskiktheid daarvan vir bepaalde leerdergroepe en bepaalde onderrigsituasies.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x3uur geskrewe eksamen 50 %

Modulekode: AFRE111	Semester 1	16 Krediete	NKR-Vlak: 5a

Titel: Onderwysafrikaans: 'n Onderwysgerigte oorsig oor die Afrikaanse literêre wêreld
Na afloop van hierdie module behoort die student:

- bewys te kan lewer van die kennis en insig wat hy/sy van die Afrikaanse literêre wêreld asook van vakterme en -begrippe oor die Afrikaanse letterkunde bekom het as onderbou vir die fasilitering van die leerarea Tale: Afrikaans binne konteks van die Nasionale Kurrikulumverklaring*;*
- bewys van sy/haar literêr-teoretiese kennis te demonstreer deur literêre tekste as produkte van bepaalde strominge of tydvakke te beskou en motiveer;
- etiese en religieuse beginsels by die beoordeling van literêre werke te kan toepas en die leerders te kan begelei in die toepassing van hierdie beginsels; en
- die oorsigtelike kennis wat hy/sy van die Afrikaanse literatuur bekom het te kan benut in die saamstel van geskikte leermateriaal vir letterkunde-onderrig op skool wat sal lei tot die waardering van die ryke verskeidenheid binne die Afrikaanse literêre wêreld.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes: Deurlopende assessering 50 %
1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRE121	Semester 2	16 Krediete	NKR-Vlak: 5a

Titel: Onderwysafrikaans: Onderwysgerigte Afrikaanse taalpraktyk
Na afloop van hierdie module behoort die student:

- binne die konteks van die Nasionale Kurrikulum 'n fundamentele kennis van die Afrikaanse taalkunde, rakende spelling en interpunksie, norme, semantiek en woordeboekgebruik te kan demonstreer;
- bewys te kan lewer van kennis van en insig toon in die gebruiksfunksies van Standaardafrikaans, veral binne die skoolsituasie, maar ook binne die gemeenskap;
- probleemoplossend verslag te kan doen oor Afrikaans as kommunikasiemedium en hoe dit by leerders binne 'n multikulturele en multitalige konteks gestimuleer en bevorder kan word; en
- as vakspesialis wetenskaplik te kan redeneer oor die waarde van die korrekte gebruik van die Afrikaanse taalsisteem.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes: Deurlopende assessering 50 %
1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRE211	Semester 1	16 Krediete	NKR-Vlak: 5b

Titel: Onderwysafrikaans: Poësie en linguistiek vir opvoeders

Na afloop van hierdie module behoort die student:

- bewys te kan lewer van grondige kennis van die verskillende periodekodes binne die Afrikaanse poësie (1900-1960) en die eieaard van die poësie van individuele verteenwoordigers van bepaalde periodekodes, sowel as van sleutelterme en -konsepte binne die veld van die poësie;
- bewys te kan lewer van grondige kennis van en toepassingsvaardighede ten opsigte van skoolprogramrelevante aspekte van die Afrikaanse fonetiek, fonologie, morfologie, semantiek, sintaksis en tekslinguistiek, sowel as van sleutelterme binne elkeen van hierdie subwetenskappe;
- oor die vaardigheid te beskik om 'n vergelykende sintese te maak van die verskillende periodekodes binne die Afrikaanse poësie (1900-1960), en om die kenmerke van bepaalde periodes binne die Afrikaanse poësie in individuele gedigte te identifiseer, te vergelyk en te beskryf;
- op wetenskaplik-verantwoordbare wyse verslag te kan lewer van selfstandige studie oor 'n bepaalde periodekode, oor die oeuvre en die idiosinkrasieë van die poëtiese werkswyse van 'n bepaalde digter;
- in staat te wees om leer in verband met periodekodes binne die Afrikaanse poësie, oor die eieaard van die poësie van individuele digters en oor skoolprogramrelevante aspekte van die Afrikaanse fonetiek, fonologie, morfologie, semantiek, sintaksis en tekslinguistiek in die skoolsituasie te fasiliteer;
- die waarde van kennis van die genoemde subdissiplines van die taalkunde vir taalonderwysers te kan insien en respek te toon vir die ryke verskeidenheid en die gehalte van die Afrikaanse poësie; en
- bewys kan lewer van eerlikheid en verantwoordelike bestuur van leeraktiwiteite en studie.

Metode van Aflewering	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRE221	Semester 2	16 Krediete	NKR-Vlak: 5b

Titel: Onderwysafrikaans: Literêre tekste in multikulturele perspektief

Na afloop van hierdie module behoort die student:

- bewys te lewer van geïntegreerde akademiese kennis en insig in die verskeidenheid van literêre vergestaltingsvorme van die multikulturele werklikheid in die Afrikaanse letterkunde;
- kennis van en waardering vir Afrikaanse tekste vanuit en oor verskillende subkulture binne die Afrikaanse taalgemeenskap te kan illustreer;
- bewys te lewer van vaardighede om geselekteerde (veral skoolprogram verwante) Afrikaanse tekste van verskillende genres (insluitend jeugliteratuur) as literêre tekste in die onderrig daarvan te kan ontsluit;
- die teksanalitiese vaardighede wat bekom is, toe te pas deur leerders in die skoolsituasie te kan lei tot begrip van en waardering vir literêre tekste; en
- bewys te kan lewer van verantwoordelike selfbestuur van leer- en studie-aktiwiteite.

Metode van aflewering:	Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRE311	Semester 1	16 Krediete	NKR-Vlak: 6

Titel: Onderwysafrikaans: Onderwysgerigte literêr-teoretiese teksontsluiting

Na afloop van hierdie module behoort die student:

- bewys te kan lewer van die kennis en insig wat hy/sy van literêr-teoretiese aspekte bekom het vir die fasilitering van letterkunde in die leerarea Tale: Afrikaans binne konteks van die Nasionale Kurrikulumverklaring;
- kennis van en insig in vakterme- en begrippe in die Afrikaanse letterkunde te demonstreer met behulp waarvan skoolleerders tot begrip en genot van 'n poësie-prosa- of dramateks begelei kan word;
- kennis van die Afrikaanse literêre wêreld en literêr-teoretiese aspekte toe te pas om geselekteerde (veral skoolprogramverwante) Afrikaanse tekste van verskillende genres as literêre tekste te kan ontsluit;
- literêre werke vanuit 'n religieuse perspektief te kan beoordeel om leerders te kan begelei in die toepassing van religieuse beginsels tydens die ontsluiting van literêre tekste;
- 'n waarde-beoordeling van literêre tekste te kan doen, ook ten opsigte van die teenwoordigheid van bepaalde aktualiteite daarin, ter voorbereiding vir die saamstel van geskikte leermateriaal vir letterkunde-onderrig op skool.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %

1x2½ uur geskrewe eksamen 50 %

Modulekode: AFRE321	Semester 2	16 Krediete	NKR-Vlak: 6

Titel: Onderwysafrikaans: Sosiolinguistiek vir opvoeders
Na afloop van hierdie module behoort die student:

- bewys te kan lewer van volronde en sistematiese kennis van sosiaal-geïnspireerde variasie binne Afrikaans en van die eksterne en interne ontwikkelingsgeskiedenis van Afrikaans, sowel as van relevante vakterme, konsepte en teorieë binne die veld van die sosiolinguistiek en die diachroniese taalkunde;
- in staat te wees om sosiolinguistiese konsepte en vakterme te gebruik om aspekte van sosiale kommunikasiesituasies te analiseer, beskryf en krities te beoordeel;
- navorsingsresultate en teorieë oor skoolverwante aspekte van die sosiolinguistiek te interpreteer en krities te beoordeel;
- verskillende aspekte van en teorieë oor die ontwikkelingsgeskiedenis van Afrikaans te analiseer ten einde tot 'n samehangende sintese en eie standpunt daaroor te kom;
- die gepastheid van Standaard- en Niestandaardafrikaanse registerspesifieke taalgebruiksvorme binne multikulturele skool-situasies met behulp van konsepte en teorieë uit die veld van die sosiolinguistiek, en op grond van verworwe sistematiese kennis van verskillende opvattings oor die ontwikkelingsgeskiedenis van Afrikaans, krities te kan beoordeel;
- ten opsigte van die sosiolinguistiek en diachroniese taalkunde oor goedontwikkelde inligtingontsluitingsvaardighede en wetenskaplik verantwoorde aanbiedingsvaardighede te beskik;
- binne verskillende skoolkontekste 'n ingeligte en simpatieke waardebeoordeling van bepaalde sosiaal-geïnspireerde taalgebruik- en taalgebruikersvorme kan doen, en met inagneming van relevante taalpolitieke kwessies en van sy/haar hoorders, te kan verwoord; en
- bewys kan lewer van sy/haar respek vir alle variëteite van Afrikaans as die hartstale van die sprekers daarvan, sowel as van die sy/haar kundigheid oor die sterk verband tussen sosiale en taaloordele.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-NIHE, SBO
Assesseringsmetodes: Deurlopende assessering 50 %
1x2½ uur geskrewe eksamen 50 %

Modulekode: AGLA111	Semester 1	12 Krediete	NKR-Vlak: 5a

Titel: Inleiding tot Akademiese Geletterdheid
Na afloop van hierdie module behoort die student:

- basiese kennis van leerstrategieë, akademiese woordeskat en register asook die lees en skryf van akademiese tekste te demonstreer ten einde doeltreffend binne die akademiese omgewing te funksioneer;
- op gepaste wyse binne 'n akademiese omgewing effektief mondelings en skriftelik as individu en as lid van 'n groep te kan kommunikeer;
- basiese akademiese tekste te verstaan, interpreteer, evalueer en op koherente wyse toepaslike akademiese genres te kan skryf deur gebruik te maak van akkurate en toepaslike akademiese konvensies; en
- binne 'n etiese raamwerk akkuraat, vlot en toepaslik te kan luister, praat, lees, skryf en leer.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE
Assesseringsmetodes: Deurlopende assessering 60 %
1x3 uur geskrewe eksamen 40 %

Module Code: AGLE111	Semester 1	12 Credits	NQF-Level: 5a

Title: Introduction to Academic Literacy

After completing this module, the student should be able to:

- demonstrate basic knowledge of learning strategies, academic vocabulary and register as well as the reading and writing of academic texts in order to function effectively in the academic environment;
- communicate effectively orally and in writing in an appropriate manner in an academic environment;
- understand, interpret, and evaluate basic academic texts and write appropriate academic genres in a coherent manner by making use of accurate and appropriate academic conventions; and
- listen, speak, read and write accurately, fluently and appropriately in an ethical framework.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 60 %
1x2 hour written examination 40 %

Modulekode: AGLA121	Semester 2	12 Krediete	NKR-Vlak: 5a

Titel: Akademiese Geletterdheid

Na afloop van hierdie module behoort die student:

- basiese kennis van leerstrategieë, akademiese woordeskat en register asook die lees en skryf van akademiese tekste te demonstreer ten einde doeltreffend binne die akademiese omgewing te funksioneer;
- op gepaste wyse binne 'n akademiese omgewing effektief mondelings en skriftelik as individu en as lid van 'n groep te kan kommunikeer;
- basiese akademiese tekste te verstaan, interpreteer, evalueer en op koherente wyse toepaslike akademiese genres te kan skryf deur gebruik te maak van akkurate en toepaslike akademiese konvensies; en
- binne 'n etiese raamwerk akkuraat, vlot en toepaslik te kan luister, praat, lees, skryf en leer.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE

Assesseringsmetodes: Deurlopende assessering 60 %
1x3 uur geskrewe eksamen 40 %

Module Code: AGLE121	Semester 2	12 Credits	NQF-Level: 5a

Title: Academic Literacy

After completing this module, the student should be able to:

- demonstrate fundamental knowledge of appropriate computer programs, as well as apply learning, listening reading and writing strategies, academic language register and the reading and writing of academic texts, in order to function effectively in the academic environment.
- as an individual and a member of a group communicate effectively and in writing in an ethically responsible and acceptable manner in an academic environment; and
- find and collect scientific knowledge in a variety of study fields, analyse, interpret, and evaluate the texts and in a coherent manner synthesize and propose solutions in appropriate genres by making use of linguistic conventions used in formal language registers.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 60 %, 1x2 hour written examination 40 %

Module Code: ARTD321	Semester 2	8 Credits	NQF-Level: 6

Title: Art Methodology: FET phase

After completing this module, the student should be able to:

- demonstrate a well-rounded and systematic knowledge of the subject didactics, developing perceptual and analytical skills regarding; visual literacy, visual culture studies and the diverse functions and roles of the visual arts and design according to the principles of the National Curriculum Statement for the FET phase, identify the principles and design features of the National Curriculum Statement for the FET phase related to the didactic values of the subject;
- plan practical activities supporting a coherent and critical understanding of visual arts and design in terms of visual literacy and visual culture studies, in the FET phase;
- demonstrate detailed knowledge of subject didactic values of the practical design process using the informal approach to lesson presentation in both Visual Art and Design; present and communicate information, ideas and opinions in well-structured arguments and give evidence of visual research in art education in the FET phase;
- demonstrate and evaluate ethically responsible behavior while reflecting on the principles of the National Curriculum through communication.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 % 1x2 hour written examination 50 %

Module Code: ARTD411	Semester 1	16 Credits	NQF-Level: 6

Title: Art Methodology: FET phase

After completing this module, the student should be able to:

- demonstrate a comprehensive and systematic knowledge base of PowerPoint as a computer programme for the composition of a visual art and design portfolio; of visual culture studies and design theory lesson plans, collect and compile information within the context of a limited research area and present a comprehensive and formally-structured researched assignment showing evidence of thorough and coherent planning and referencing skills as a tool for marketing visual art and design products;
- identify themes for the compilation and presentation of a research proposal related to curriculation using design and visual arts as components in the FET phase; investigate, reflect on and interpret information from a variety of sources that show global influences and which shapes the development of visual art and design;
- demonstrate problem-solving abilities in planning and presenting lessons for specific application to the two main components visual art and design, in the context of the National Curriculum, using appropriate technologies and giving evidence of theoretical underpinning;
- demonstrate and evaluate ethically responsible behavior, taking into consideration human rights and environmental issues while reflecting on the basic principles of orientation to the world of art through communication and behavior.

Mode of Delivery: Full-time, MoA AROS, SBET

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: ARTE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Art for Education

After completing this module, the student should be able to:

- demonstrate a fundamental knowledge of creative and original art, the formal visual elements of art and the use of appropriate visual arts terminology in all areas of visual arts, demonstrating an understanding of the process of critical thinking in engaging with own work and the work of others;
- explore and experiment with a range of materials, techniques, processes and equipment, using a portfolio and sourcebook to demonstrate the importance of process in relation to product, transforming images using new and traditional technology in producing artworks and demonstrate basic writing and research skills in the study of art in historical and cultural content;
- demonstrate fundamental independent thinking skills in the study of visual art as aesthetic form of expression and explore different approaches to generate ideas in response to a motivational task, engage with own experience of the world through the exploration of signs and symbols drawn from the broader visual culture and explore and resolve given and specific visual and conceptual challenges e.g. compositional problems and the choice of subject matter;
- demonstrate self-disciplined and value-driven behavior while maintaining sketchbooks, sourcebooks, planners and a portfolio that documents work done during the year; complete given tasks within specified time, space and resource constraints and prepare own work for display in a presentable manner.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %

1x6 hour practical examination 50 %

Module Code: ARTE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Art for Education

After completing this module, the student should be able to:

- demonstrate a fundamental knowledge of responsible design, design literacy and understand design within cultural, environmental and business contexts and to recognize that different value systems and traditions have influenced the development of African and South African design;
- explore and manipulate materials and design skills and experiment with a variety of materials, methods, equipment and techniques either individually or collaboratively to present a design solution;
- demonstrate fundamental independent thinking skills and an awareness of how design shapes the physical and social environment; understand and explain ways in which design can be used to benefit society and display an awareness of some of the ways in which design products and services are marketed;
- demonstrate self-discipline, ability to plan, organise and manage own work, time management, commitment to a task and initiative, and understand the health and environmental implications related to the use of material.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %

1x6 hour practical examination 50 %

Module Code: ARTE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Art for Education

After completing this module, the student should be able to:

- demonstrate a solid knowledge of appropriate visual arts terminology to describe art concepts, principles, styles, content, materials and techniques; and evaluate one's own work and that of others, demonstrating an understanding of the process of critical analysis and providing reasons for aesthetic judgement;
- explore and effectively apply and manipulate a selection of materials, tools, processes and technologies, using a portfolio and sourcebook to document and evaluate one's own creative process and demonstrate ever-expanding use of technology in producing artworks, demonstrate writing skills and research skills in the study of art within the historical and cultural contexts from primary and secondary sources;
- demonstrate effective independent thinking skills in the study of visual art as aesthetic form of expression and applying different approaches to generating ideas in response to a project brief; engage with own experience of the world through the exploration and interpretation of signs and symbols drawn from the broader visual culture and apply the creative process to solve visual and conceptual problems through classroom assignments;
- demonstrate self-disciplined and ethically responsible views while maintaining sketchbooks, sourcebooks, planners and a portfolio which document one's own developing grasp of visual language and concepts; plan and complete tasks within specified time, space and resource constraints; and display, exhibit or present one's own work in a manner which demonstrates awareness of professional conventions.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %

1x6 hour practical examination 50 %

Module Code: ARTE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Art for Education

After completing this module, the student should be able to:

- demonstrate a solid knowledge of design literacy, design in relation to practice and the understanding of design in cultural, environmental and business contexts; the ability to investigate, reflect on and interpret information from a variety of sources, and the understanding of the influences which shape the development of design, including African and South African design, past and present;
- explore and manipulate materials and design skills and demonstrate competence in chosen materials and techniques to create designs and present and effectively communicate design solutions;
- demonstrate fundamental independent thinking skills to critically reflect on how design shapes the physical and social environment, demonstrate ways in which design can be used to benefit society, discussing the basics of costing and pricing in the marketing of a design and demonstrating an ability to design products and services in terms of target markets, and
- demonstrate self-discipline, ability to plan, organise, manage time, set up time schedules, commitment to a task, take responsibility for one's actions, take initiative, and demonstrate the understanding of health and environmental implications related to the use of materials.

Mode of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x6 hour practical examination 50 %

Module Code: ARTE311	Semester 1	16 Credits	NQF-Level: 6

Title: Art for Education

After completing this module, the student should be able to:

- demonstrate a well-rounded and systematic knowledge in the use of appropriate terminology related to all areas of visual literacy to describe and discuss artworks, crafts and applied design forms, both verbally and in writing; evaluate the effectiveness of one's own and others' research, creative processes and art products;
- demonstrate an advanced degree of technical skill and knowledge of materials, techniques, processes and equipment related to the chosen art or craft form; the ability to document and evaluate one's own creative process and artworks, selecting works best suited for inclusion in the portfolio; create and transform visual images, using both new and traditional technologies; and demonstrate critical and analytical writing and research skills in the study of art within historical and cultural contexts from multiple sources;
- demonstrate comprehensive and systematic independent thinking skills and the ability to apply different approaches to generate ideas in formulating a project brief; critically engage with one's own experience of the world through the exploration, manipulation and interpretation of signs and symbols drawn from the broader visual culture and solve a series of visual and conceptual problems independently, working towards the development of a personal visual language;
- demonstrate self-disciplined behavior and ethical responsibility, original and creative views while creating, maintaining sketchbooks, a sourcebook, journals, planners and a portfolio which provide concrete evidence of the process of conceptualizing and making and displaying and exhibiting work in a manner which enhances and complements the expressive and conceptual impact of the work.

Mode of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x6 hour practical examination 50 %

Module Code: ARTE321	Semester 2	16 Credits	NQF-Level: 6

Title: Art for Education
After completing this module, the student should be able to:
- demonstrate a well-rounded and systematic knowledge of design literacy, making value judgements informed by a clear understanding of design; an ability to discuss and explain and demonstrate the context and purpose of products; investigate, reflect on and interpret information from a variety of sources which show global influences shaping the development of design;
- explore and manipulate materials and design skills such as collage, constructions, digital techniques, models, mind-mapping and other forms of visualization; demonstrate an awareness of the various materials and production processes relevant to the chosen discipline to present and effectively communicate a design solution;
- demonstrate problem-solving abilities and well-rounded critical thinking skills in ways which design can be used to reinforce or challenge social, cultural, environmental and ethical issues and an understanding of the designer's responsibilities in relation to environmental issues and sustainable design; demonstrate a basic understanding of marketing design products in terms of target market, packaging and advertising;
- demonstrate and evaluate ethically responsible views, investigate, reflect on and interpret information from a variety of sources which show global influences shaping the development of design, and compile and present a comprehensive and formally structured research assignment or activity showing evidence of thorough and coherent planning and referencing skills.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                        1x6 hour practical examination 50 %

Module Code: BSTD321	Semester 2	8 Credits	NQF-Level: 6

Title: Business Studies Methodology: FET phase
After completing this module, the student should be able to:
- have a well-rounded finishing and systematic knowledge base of basic Business Studies' didactical aspects, including lesson planning and learning programme development, with an informed notion of key terms, rules, concepts, principles and theories;
- identify themes relevant to Business Studies and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules; use unknown and abstract information by using graphs and theory-driven arguments; effectively use IT skills to collect, organise, critically analyse and to interpret;demonstrate problem-solving abilities to plan and present lessons and learning programme development for specific application to Business Studies, using appropriate technologies, unknown and abstract information, graphs and theory-driven arguments and IT skills to collect, organise, critically analyse and to interpret, giving evidence of theoretical underpinning; and
- effectively communicate Business Studies' didactical aspects ethically, coherently and reliably to learners in the classroom situation, using individual or group methods.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                        1x2 hour written examination 50 %

Module Code: BSTD411	Semester 1	16 Credits	NQF-Level: 6

Title: Business Studies Methodology: FET phase

After completing this module, the student should be able to:

- have a comprehensive, in-depth and systematic knowledge base of the National Curriculum Statement applicable to Business Studies in the FET phase, teacher portfolios, learning programmes and assessment, with an informed notion of key terms, rules, concepts, principles and theories;
- identify themes relevant to the national curriculum statement applicable to Business Studies in the FET phase and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules; use unknown and abstract information by using graphs and theory driven arguments; effectively use IT skills to collect, organise, critically analyse and to interpret, demonstrate problem-solving abilities to plan and present lessons for specific application to Business Studies, using appropriate technologies, unknown and abstract information, graphs and theory driven arguments and IT skills to collect, organise, critically analyse and to interpret giving evidence of theoretical underpinning; and
- effectively communicate Business Studies didactical aspects ethically, coherently and reliably to learners in the classroom situation, using individual or group methods.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                          1x2 hour written examination 50 %

Module Code: BSTE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Business Studies: Developing Business Ideas, Business Plan and Entrepreneurial Challenges

After completing this module, the student should be able to:

- have a comprehensive, fundamental knowledge base of important terms, principles and theories with reference to the concept of entrepreneurship and the development of business plans;
- gather, organise, interpret and present information related to concepts of marketing and financing;
- demonstrate an informed understanding of the business environment and business studies as well as the operating of a business enterprise in the South African economy; and
- present related information coherently and reliably, and effectively executes assignments individually or as part of a group, and creatively solve problems in future-orientated business fields in accordance with business ethics.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: BSTE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Business Studies: Entry Strategies and managing an existing business

After completing this module, the student should be able to:

- have a comprehensive fundamental knowledge base of important terms, principles and theories with reference to entering the formal business sector, the concept of management and the development of management styles;
- gather, organise, interpret and present information related to international business plan and the concepts of management;
- demonstrate an informed understanding of the e-business and the business environment to be able to address theoretical issues surrounding Business studies, but also to use this to solve practical scenarios; and
- to present related information coherently and reliably, and effectively execute assignments individually or as part of a group and creatively solve problems in future orientated business fields in accordance with business ethics.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: BSTE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Business Studies: Introduction to Management
After completing this module, the student should be able to:

- have a sound understanding of key terms, rules, concepts, established principles and theories with reference to the business environment and business management with a solid knowledge base regarding entry strategies of a business;
- gather, organise, make a critical analysis and also interpret information about forms of ownership;
- communicate information coherently and reliably, individually or as part of a group; and
- select information and develop the necessary presentation skills using appropriate technologies according to the social environment he/she operates in, as well as practice sound business ethics.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
                             1x3 hour written examination 50 %

Module Code: BSTE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Business Studies: General Management Principles
After completing this module, the student should be able to:

- have a sound understanding of key terms, rules, concepts, established principles and theories with reference to general management, have a solid knowledge base regarding basic planning principles and organizing;
- gather, organise, make a critical analysis and interpret information;
- communicate information coherently and reliably, individually or as part of a group;
- select information and develop the necessary presentation skills using appropriate technologies.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
                             1x3 hour written examination 50 %

Module Code: BSTE311	Semester 1	16 Credits	NQF-Level: 6

Title: Business Studies: Introduction to Functional Management
After completing this module, the student should be able to:

- have a well-rounded finishing and systematic knowledge base of the marketing function, marketing instruments, the integrated marketing strategy, external relations, the financial function and management and asset management, with an informed notion of key terms, rules, concepts, principles and theories with regard to functional management;
- identify themes relevant to Business Studies and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules; use unknown and abstract information in this regard by using graphs and theory-driven arguments; effectively use IT skills to collect, organise, critically analyse and to interpret;
- demonstrate problem-solving abilities to plan and present lessons for specific application to Business Studies, using appropriate technologies, unknown and abstract information, graphs and theory driven arguments and IT skills to collect, organise, critically analyse and to interpret, giving evidence of theoretical underpinning; and effectively communicate Business Studies ethically, coherently and reliably to learners in the classroom situation, using individual or group methods.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written examination 50 %

Module Code: BSTE321	Semester 2	16 Credits	NQF-Level: 6

Title: Business Studies: Functional Management (Continued) and Contemporary Issues
After completing this module, the student should be able to:

- have a well-rounded finishing and systematic knowledge base of financial decisions, the operational function and management, procurement management and activities and the challenges in business management,
- have an informed notion of key terms, rules, concepts, principles and theories with regard to functional management, identify themes relevant to Business Studies and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules;
- use unknown and abstract information by using graphs and theory driven arguments;
- effectively use IT skills to collect, organise, critically analyse and to interpret;
- demonstrate problem-solving abilities to plan and present lessons for specific application to Business Studies, using appropriate technologies, unknown and abstract information, graphs and theory driven arguments and IT skills to collect, organise, critically analyse and to interpret, giving evidence of theoretical underpinning; and
- effectively communicate Business Studies ethically, coherently and reliably to learners in the classroom situation, using individual or group methods.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written examination 50 %

Module Code: CATD321	Semester 2	8 Credits	NQF-Level: 6

Title: Computer Applications Methodology: FET phase
After completing this module, the student should be able to:
- demonstrate well-rounded and systematic knowledge of Computer Application Technology policy documents in the FET phase;
- demonstrate practical skills in the planning, presentation and assessment of both theoretical and practical CAT lessons;
- demonstrate the ability to facilitate teaching and learning of CAT in the FET phase; and
- demonstrate and evaluate the basic principles of teaching in CAT.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: CATD411	Semester 1	16 Credits	NQF-Level: 6

Title: Computer Applications Methodology: FET phase
After completing this module, the student should be able to:
- demonstrate comprehensive and systematic knowledge of appropriate policy documents of Computer Application Technology in the FET phase;
- demonstrate profound practical skills in the planning, presentation and assessment of both theoretical and practical CAT lessons;
- demonstrate the ability to facilitate teaching and learning OBE Computer Application Technology in the FET phase; and
- demonstrate and evaluate the ethical use of different learning material for CAT.

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CATE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Computer Applications Technology for Education: Basic Computer Concepts
After completing this module, the student should be able to:
- demonstrate fundamental knowledge and understanding of the general concepts of information technology, different computer systems and the components, characteristics and basic operation of a computer;
- demonstrate skills in doing trouble shooting of simple end-user computer-related hardware and software problems;
- demonstrate the ability to facilitate teaching and learning of the relevant topics addressed in this module in the applicable grade; and
- demonstrate an understanding of issues related to the impact of information and communication technologies on the environment and society in a global context.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CATE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Computer Applications Technology for Education: Elementary Word Processing
After completing this module, the student should be able to:
- demonstrate fundamental knowledge of the use of input devices and a word processing programme;
- demonstrate touch-typing skills and practical skills in elementary word processing functions by using relevant case studies;
- demonstrate the ability to facilitate teaching and learning of the relevant topics addressed in this module in the applicable grade; and
- demonstrate understanding of issues regarding the ethical use of e-documents.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                          1x3 hour written examination 50 %

Module Code: CATE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Computer Applications Technology for Education: Advanced Word Processing
After completing this module, the student should be able to:
- demonstrate solid knowledge of the use of input devices, a word processing programme and the didactical aspects of the unique teaching methods of CAT with special reference to inclusive education;
- demonstrate advanced word processing functions by using relevant case studies;
- demonstrate the ability to facilitate teaching and learning of the relevant topics addressed in this module in the applicable grade; and
- demonstrate an understanding of the ethical use of a word processing programme in the teaching and learning environment.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                          1x3 hour written examination 50 %

Module Code: CATE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Computer Applications Technology for Education: Spreadsheets
After completing this module, the student should be able to:
- demonstrate solid knowledge and understanding of the general concepts of a spreadsheet programme in teaching-related examples;
- demonstrate profound skills in designing, editing, formatting and managing spreadsheets and charts, as well as applicable problem-solving abilities with the aid of a spreadsheet package;
- demonstrate the ability to facilitate teaching and learning of the relevant topics with regard to spreadsheets in the applicable grade; and
- demonstrate an understanding of the ethical use of a spreadsheet programme in the teaching and learning environment.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                          1x3 hour written examination 50 %

Module Code: CATE311	Semester 1	16 Credits	NQF-Level: 6

Title: Computer Applications Technology for Education: Presentations, Desktop Publishing and Web Design

After completing this module, the student should be able to:

- demonstrate well-rounded and systematic knowledge of the use of software suitable for presentations, desktop publishing and Web design;
- demonstrate profound practical skills and good designing principals in using of presentations, desktop publishing and Web design and the ability to integrate these applications with other application software;
- demonstrate the ability to facilitate teaching and learning of the relevant topics with regard to presentations, desktop publishing and Web design in the applicable grade; and
- demonstrate the ability to evaluate various sources in order to acquire information to use in presentations, desktop publishing and Web design.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CATE321	Semester 2	16 Credits	NQF-Level: 6

Title: Computer Applications Technology for Education: Databases and Data Communication

After completing this module, the student should be able to:

- demonstrate well-rounded and systematic knowledge of designing and managing a database, different types of networks, communication media and protocols, as well as handling data in a network;
- demonstrate profound practical skills in the design and management of a database and the ability to compare and evaluate the different network topologies and network media;
- demonstrate the ability to facilitate the teaching-learning of the relevant knowledge and skills with regard to computer networks and databases in the applicable grade in schools; and
- critically evaluate data communication and transmission technologies currently in use.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CMPF111	Semester 1	8 Credits	NQF-Level: 5a

Title: Computer Literacy for Educators

After completing this module, the student should be able to:

- demonstrate fundamental knowledge of personal computer systems, application programs and information and communication skills;
- demonstrate practical skills regarding the use of a word processing programme, spreadsheet programme and presentation programme as it is applied in education and teaching;
- demonstrate problem-solving abilities to plan and apply the practical use of the application programs in the teaching-learning environment; and
- demonstrate and evaluate ethical aspects regarding the use of computers in the teaching-learning environment.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 70 %
1x2 hour written examination 30 %

Module Code: COMF 511	Semester 2	8 Credits	NQF-Level: 6

Title: Computers in Education

After completion of this module the student should be able to:
- demonstrate a sound knowledge of e-Education and the Policy on e-Education;
- demonstrate knowledge and practical skills of ICT integration in schools;
- demonstrate profound problem-solving abilities to plan computer-integrated lessons; and
- demonstrate and evaluate ethical and moral aspects regarding the use of computers in education.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: CTED211	Semester 1	8 Credits	NQF-Level: 5b

Title: Civil Technology Methodology

After completing this module, the student should be able to:
- demonstrate a fundamental knowledge of the National Curriculum Statement policy of Civil Technology for education in the Further Education and Training phase;
- demonstrate the knowledge and skills in problem-based teaching approaches; and
- demonstrate the ability to plan appropriate technology lessons according to the unique technological process that is used as the organising concept.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: CTED321	Semester 2	8 Credits	NQF-Level: 6

Title: Civil Technology Methodology

After completing this module, the student should be able to:
- demonstrate competence regarding curriculum development in the field of Civil Technology for Education;
- apply and discuss suitable types of assessment strategies in the different task types of an Civil Technology for Education lesson; and
- design and compile portfolios for both learners and educators in Civil Technology for Education;

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: CTED421	Semester 2	8 Credits	NQF-Level: 6

Title: Civil Technology Methodology
After completing this module, the student should be able to:
- demonstrate a verbal awareness and understanding of the safety aspects applicable in the classroom, workshop and on-site visits during practical sessions;
- design and compile portfolios for both learners and educators in Civil Technology for Education; and
- adequately demonstrate the capability to integrate the knowledge and skills acquired in the prerequisite modules in the compiling and presentation of a Civil Technology for Education project.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                      1x2 hour written examination 50 %

Module Code: CTEE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Civil Technology for Education
After completing this module, the student should be able to:
- demonstrate a basic knowledge by identifying the correct tools for the specific work;
- demonstrate the ability to use electrical hand tools and machinery in woodwork and implement the correct safety procedures;
- explain the terminologies of bricklaying;
- explain and identify problems that are normally associated with the failing of foundations on certain soil formations; and
- demonstrate the ability to communicate their points of view in writing.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                      1x3 hour written examination 50 %

Module Code: CTEE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Civil Technology for Education
After completing this module, the student should be able to:
- demonstrate a basic knowledge in choosing, designing and making the correct woodwork joints in practical work sessions;
- explain all relevant terminologies that occur in the field of study; and
- explain and express their basic knowledge concerning concrete, concrete mixtures and the curing of different aggregate mixtures.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                      1x3 hour written examination 50 %

Module Code: CTEE311	Semester 1	16 Credits	NQF-Level: 6

Title: Civil Technology for Education
After completing this module, the student should be able to:
- demonstrate their knowledge by designing, planning and drawing house plans;
- show a thorough knowledge of, and describe, choose and design appropriate roofs and roof trusses for different structures;
- analyse and explain their knowledge concerning the behaviour of different soils;
- explain and express their well-founded knowledge concerning structures that match the soil's shortcomings; and
- communicate and demonstrate, in writing and sketching, their points of view.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CTEE321	Semester 2	16 Credits	NQF-Level: 6

Title: Civil Technology for Education
After completing this module, the student should be able to:
- demonstrate their knowledge by discussing and designing different aspects of the construction of basements and gravity walls;
- show a thorough knowledge of, and describe the method of designing columns and beams;
- discuss and compare various aspects of constructions based on site visits and digital photos;
- analyse and explain knowledge concerning sanitary components and installation; and
- explain and express well-founded knowledge concerning the importance of managing sanitary works and the utilisation of natural water supply.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CTEE411	Semester 1	16 Credits	NQF-Level: 6

Title: Civil Technology for Education
After completing this module, the student should be able to:
- analyse and demonstrate profound knowledge concerning different and advanced designing principles of structures and buildings by using principles of strength and mechanics;
- analyse, use and explain their profound and systematic approach to calculate materials needed for completing structures by implementing principles of quantity surveying; and
- by means of research, verbally communicate, in well-formulated arguments, the problems and solutions that usually occur in practice.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: CTEE421	Semester 2	16 Credits	NQF-Level: 6

Title: Civil Technology for Education
After completing this module, the student should be able to:
- demonstrate a systematic and thorough approach towards different theories that can be applied in practice referring to mechanical principles;
- demonstrate a well-rounded and profound knowledge concerning strength of materials; and
- demonstrate and communicate profound knowledge and skills concerning surveying.

Mode of Delivery:	Full-time, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: ECOD321	Semester 2	8 Credits	NQF-Level: 6

Title: Economics Methodology: FET phase
After completing this module, the student should be able to:
- have a well-rounded and systematic knowledge base of lesson planning, learner programme development, teaching aids and teaching management of the subject didactics of Economics and have a sound understanding of key terms, rules, concepts, established principles and theories regarding the presentation of Economics according to the National Curriculum Statement;
- gather, organise, make a critical analysis and interpret information regarding didactic concepts of Economics and have the ability to deal with unfamiliar concrete and abstract information using theory-driven arguments and IT skills appropriately;
- communicate coherently and reliably in individual or group context about the steps in economic development through the ages and to present information effectively with the aid of IT skills; and
- use the knowledge and skills that have been mastered in this module effectively to teach future learners according to ethically established norms and values.

Mode of Delivery:	Full-time, MoA CEDAR College, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: ECOD411	Semester 1	16 Credits	NQF-Level: 6

Title: Economics Methodology: FET phase

After completing this module, the student should be able to:

- illustrate and apply comprehensive and systematic knowledge of the National Curriculum Statement and other related educational policy documents for grades 10-12 and display an informed and critical understanding of the principles and theories with regard to classroom management, creative teaching and active learning in the economics classroom;
- execute critical analyses, syntheses and evaluations of quantitative and qualitative information with regard to classroom administration, classroom organization and record-keeping;
- effectively and professionally present academic information with regard to assessment of Economics teaching as well as planning and preparation of Economics lessons using IT-skills and coherently and reliably communicate as an individual or as part of a group; and
- use the knowledge and skills mastered in this module effectively to present the subject Economics to grade 10-12 learners using the Outcomes-Based Educational approach and implement norms and values prescribed by the Education Department.

Mode of Delivery: Full-time, MoA CEDAR College, SBET

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: ECOE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Economics for Education: Introduction to Economics (Part 1)

After completing this module, the student should be able to:

- have a comprehensive fundamental knowledge base of important terms, principles and theories with reference to the concept of economics, the economic problem and the measuring of the performance of the economy, and be able to demonstrate an informed understanding of the consumer and the producer, the production and distribution issue, as well as the mutual dependence between the important sectors, markets and flows in a mixed economy, as well as the development and performance of the South African economy;
- gather, organise, interpret and present information related to this and related concepts of scarcity, choice, opportunity costs, micro- and macro-economics, positive and normative economics, national income, determining national income, the uses of national income figures and the methods of increasing national income;
- effectively execute assignments with regard to the prescribed learning content individually or as part of a group and creatively solve problems in relevant economic fields with the aid of appropriate technology; and
- present related information coherently and reliably in order to, in the future, use the knowledge and skills mastered in this module to effectively and, according to ethical established values, instruct future learners.

Mode of Delivery: Full-time, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: ECOE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Economics for Education: Introduction to Economics (Part 2)

After completing this module, the student should be able to:

- have a comprehensive fundamental knowledge base of important terms, principles and theories with reference to recent economic related topics and problems such as privatisation, deregulation, nationalisation, division of labour, mass production, the population and labour force of the RSA, price formation, elasticity and economic stability and demonstrate an informed understanding of the reading and interpretation of graphs and the concepts of business cycles and inflation;
- gather, organise, interpret and present information related to this and strategical resources in South Africa and the related concepts of need, utility, value, demand, supply and market equilibrium;
- effectively execute assignments individually or as part of a group and creatively solve problems in relevant economic fields with the aid of appropriate technology; and
- present related information coherently and reliably, and to use the knowledge and skills gained in this module to teach Economics effectively and according to established ethical norms and values.

Mode of Delivery: Full-time, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: ECOE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Economics for Education: Micro-Economics

After completing this module, the student should be able to:

- have a sound understanding and a solid knowledge base of key terms, rules, concepts, established principles and theories with reference to demand and supply in action, interference from government, perfect and imperfect competitive markets, and also be able to indicate changes in demand and supply, the theory of consumer choice and economic and regional development;
- gather, organise, make a critical analysis and also interpret information regarding utility, consumer equilibrium, the monopoly, monopolistic competition, the oligopoly and market equilibrium;
- communicate information regarding the theory of production, cost, urbanisation and the informal sector coherently and reliably, individually or as part of a group, and to select information regarding basic cost and profit concepts and production and cost on both the short and long term and develop the necessary presentation skills using appropriate technologies; and
- use the knowledge and skills you have mastered in this module in future to teach it effectively and according to ethically established norms and values.

Mode of Delivery: Full-time, MoA CEDAR College, SBET

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: ECOE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Economics for Education: From Micro- to Macro-Economics
After completing this module, the student should be able to:

- have a sound understanding and a solid knowledge base of key terms, rules, concepts, established principles and theories with reference to the labour market, labour as a production factor, perfect and imperfect competitive labour markets, wage differences, macro-economic aspects of the labour market, the public sector, taxation and fiscal policy, labour relations, market and government failure, public and private ownership and functions of the state;
- to gather, organise, make a critical analysis and interpret information regarding the labour problem, trade unions in the RSA, the role of the state in production, government expenditure and the financing of government expenditure;
- communicate information with reference to the monetary sector, the concepts of tax, requirements of a good tax system and types of tax coherently and reliably, individually or as part of a group, and to select information with reference to money and money-associated instruments, the South African Reserve Bank, the monetary policy framework in South Africa and the budget, and develop the necessary presentation skills using appropriate technologies; and
- use the knowledge and skills gained in this module to teach Economics effectively and according to established ethical norms and values.

Mode of Delivery:	Full-time, MoA CEDAR College, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: ECOE311	Semester 1	16 Credits	NQF-Level: 6

Title: Economics for Education: Macro-Economics Problems (Part 1)
After completing this module, the student should be able to:

- show an informed understanding of key terms, rules, concepts, principles and theories with reference to international trade, poverty, economic integration and productivity and dispose of a finished and systematic knowledge basis of economically related questions, elementary Keynesian macro-economic models and macro-economic theory and policy;
- to gather, organise, critically analyse and interpret information with reference to economic integration, international trade, poverty, productivity and the economic policy of the state and possess the ability to deal with unfamiliar and abstract information in connection with elementary Keynesian macro-economic models by making use of graphs and theory-driven arguments;
- communicate coherently and reliably in the above-mentioned regard in individual or group context and to present information effectively with the aid of IT skills; and
- use the knowledge and skills that you mastered in this module in the future to effectively teach it to your learners according to ethically established norms and values.

Mode of Delivery:	Full-time, MoA CEDAR College, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: ECOE321	Semester 2	16 Credits	NQF-Level: 6

Title: Economics for Education: Macro-Economics Problems (Part 2)
After completing this module, the student should be able to:
- have a well-rounded and systematic knowledge base of unemployment and economic growth and development and demonstrate an informed understanding of key terms, rules, concepts, principles and theories with regard to the causes, effects and measurement of inflation;
- interact with unfamiliar and abstract information in respect of the nature and calculation of price indices by using unfamiliar calculation methods and theory-driven arguments and to collect, organise, critically analyse and interpret information with regard to the importance of tourism in a country's economy;
- communicate coherently and reliably in individual or group context about the steps in the economic development through the ages and to present information effectively with the aid of IT skills; and
- use the knowledge and skills mastered in this module effectively to teach it according to ethically established norms and values.

Mode of Delivery: Full-time, MoA CEDAR College, SBET
Assessment Mode: Continuous assessment 50 %
 1x3 hour written examination 50 %

Module Code: EDCC112	Semester 1	8 Credits	NQF-Level: 5a

Title: Professional Studies
After completing this module, the student should be able to:
- demonstrate a fundamental knowledge of the relationship between education, teaching and learning as it is manifested in classroom activities (instructional planning and implementation);
- use prepared observational instruments to identify major school and routine administrative activities and communicate observational findings on selected aspects in a written report, as well as in an oral presentation;
- demonstrate knowledge and understanding of teaching as a profession;
- design and implement educational media/technologies for this level of study.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
 1x2 hour written examination 50 %

Module Code: EDCC113	Semester 1	8 Credits	NQF-Level: 5a

Title: Basic Introduction to Education
After completing this module, the student should be able to:
- demonstrate fundamental knowledge of what philosophy/ philosophy of education is by identifying the essential questions to be considered when developing a philosophy of education and describing the purposes of a philosophy of education;
- identify and explain the perennial categories of philosophy, namely ontology, cosmology, anthropology and epistemology;
- demonstrate fundamental knowledge of the philosophical foundations of outcomes-based education;
- formulate an own philosophy of life/education;
- describe the historical framework of the South African education system and to write down lessons learned;
- demonstrate the ability of problem solving through dialogue to clarify own values and beliefs and analyse moral and spiritual issues and dilemmas in education.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
                       1x2 hour written examination 50 %

Module Code: EDCC121	Semester 2	8 Credits	NQF-Level: 5a

Title: Educational Psychology
After completing this module, the student should be able to:
- demonstrate fundamental knowledge of eco-systemic theory and its application in educational contexts;
- demonstrate fundamental knowledge and understanding of human development;
- demonstrate fundamental knowledge of policy and important concepts in the implementation of inclusive education;
- demonstrate a basic understanding of the complexity of human interaction in educational contexts and develop basic skills to deal with these complex challenges; and
- demonstrate respect in interactions with fellow-students, learners, educators and parents.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                       1x2 hour written examination 50 %

Module Code: EDCC211	Semester 1	8 Credits	NQF-Level: 5b

Title: Curriculum development for Educators
After completing this module, the student should be able to:
- demonstrate a solid knowledge of the theories and principles underpinning curriculum change, development and design within the outcomes-based curriculum context in South Africa;
- demonstrate problem-solving abilities to interpret the National Curriculum Statement and other related policies to adapt and design learning programmes using appropriate technologies and giving evidence of theoretical underpinning;
- apply curriculum development knowledge and skills to demonstrate competence as a dynamic curriculum development agent; and
- evaluate learning programmes in real contexts both in terms of their educational validity as well as their socio-political significance.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 50 %
                                        1x2 hour written examination 50 %

Module Code: EDCC212	Semester 1	8 Credits	NQF-Level: 5b

Title: Professional Studies
After completing this module, the student should be able to:
- have a sound understanding of the behaviourist and information-processing theories, in particular, and ensuing principles underpinning teaching, learning and assessment processes, procedures, methods, strategies and skills in general;
- have a solid knowledge base in teaching and learning within a structured and formal outcomes-based environment, with reference to different learning facilitation skills and strategies,
- have a solid knowledge regarding outcomes-based assessment;
- demonstrate, individually and in group work, the ability to present a theory based motivation for teaching and assessment strategies suitable to a specific learning environment and school phase;
- have the ability to plan and present a lesson in accordance with a given format and assessment criteria, and using the most effective instructional skills for a specific teaching-learning environment;
- integrate of a personal value system into lesson-planning, assessment strategies and instructional skills.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                        1x2 hour written examination 50 %

Module Code: EDCC222	Semester 2	8 Credits	NQF-Level: 5b

Title: Educational Psychology

After completing this module, the student should be able to:

- demonstrate solid knowledge of the theoretical underpinnings for the development of health promoting schools;
- demonstrate a solid knowledge and understanding of the psycho-social dynamics of a classroom;
- demonstrate the competencies to apply knowledge, skills and attitudes for the development of supportive classroom environments;
- demonstrate fundamental knowledge of emotional, behavioural and social barriers to learning; and
- demonstrate competencies to identify emotional, behavioural and social barriers.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written examination 50 %

Module Code: EDCC312	Semester 1	8 Credits	NQF-Level: 6

Title: Professional Studies

After completing this module, the student should be able to:

- demonstrate a well-rounded and systematic knowledge of the social cognitive and constructivist learning theories and ensuing principles, underpinning teaching, learning and assessment processes, procedures, methods, strategies and skills;
- demonstrate a well-rounded knowledge of and ability to take into consideration the variables that influence learner performance such as prior knowledge, environmental variables, motivational variables, cognitive and meta-cognitive reflection, behavioural variables and task variables;
- demonstrate a well-rounded knowledge and ensuing skills in the choice, planning and implementation of indirect teaching strategies;
- plan and conduct outcomes-based assessment strategies; and
- develop outcomes-based learning materials.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written examination 50 %

Module Code: EDCC313	Semester 1	8 Credits	NQF-Level: 6

Title: Inclusive Education
After completing this module, the student should be able to:

- demonstrate well-rounded knowledge of the practical implications of the implementation of inclusive education and of strategies for the accommodation of learners with specific barriers to learning in different classroom contexts;
- implement the SIAS-process; to collaborate with parents and other support professionals in the support process and to integrate and apply well-rounded knowledge, basic skills and accommodating attitudes developed through reflective, creative thinking to support learners with specific barriers in different classroom contexts;
- understand the value of inclusive education for the enhancement of an inclusive society and the provision of quality education for all and demonstrate an appropriate attitude and understanding towards learners, educators and parents involved in the support process.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: EDCC321	Semester 2	8 Credits	NQF-Level: 6

Title: Educational Management
After completing this module, the student should be able to:

- prove insight into the concept and relevance of education management;
- analyse and discuss the various management tasks of an educator;
- demonstrate an understanding of the nature and practice of classroom management;
- demonstrate expertise concerning the concept and related themes of leadership in education.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: EDCC411	Semester 1	8 Credits	NQF-Level: 6

Title: Education Law
After completing this module, the student should be able to:

- be acquainted with legislation as a source of Education Law and be able to act in accordance with legal specifications;
- be acquainted with specifications of the Professional Code of Ethics (SACE) and be able to act professionally;
- be able to interpret and correctly apply the rights explicated in the Bill of Rights of the South African Constitution, protect and promote children's rights in schools, as well as to teach learners a positive attitude towards their own rights and obligations, and respect the rights of others;
- be able to maintain discipline in accordance with the principles and prescriptions of Education Law;
- be able to understand and correctly apply the educator's duty of care; and
- be acquainted with relevant aspects of labour law in education.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

137

Module Code: EDCC412	Semester 1	8 Credits	NQF-Level: 6

Title: Professional Studies
After completing this module, the student should be able to:
- demonstrate the competence to provide effective feedback on assessments;
- demonstrate the competence to review assessments;
- demonstrate effective and advanced strategies as mediator of authentic learning situations and reflect on own teaching;
- develop his/her own strategic teaching-learning approach;
- design, plan, select and interpret relevant learning materials; and
- demonstrate a well-rounded and systematic knowledge of the social cognitive and constructivist learning theories and ensuing principles, underpinning teaching, learning and assessment processes, procedures, methods, strategies and skills;

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written examination 50 %

Module Code: EDCC421	Semester 2	8 Credits	NQF-Level: 6

Title: Educational Systems
After completing this module, the student should be able to:
- define and analyse the nature and aims of the education system;
- outline the historical development of the South African education system;
- explain the structure of the education system by distinguishing the four components;
- demonstrate the influence and implications of various determinants on the education system; and
- describe and critically analyse relevant debates and controversies in contemporary education systems.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written examination 50 %

Module Code: EGDD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Engineering Graphics and Design: Snr phase
After completing this module, the student should be able to:
- explain the rationale of Engineering Graphics and Design as a subject;
- demonstrate a basic knowledge of the relevant curriculum; and
- demonstrate the ability to plan lessons according to the unique methodology of Technology.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written examination 50 %

Module Code: EGDD321	Semester 2	8 Credits	NQF-Level: 6

Title: Engineering Graphics and Design: FET phase
After completing this module, the student should be able to:
- demonstrate competence regarding curriculum development in the Engineering Graphics and Design field;
- apply and discuss suitable types of assessment strategies in the different task types of an Engineering Graphics and Design lesson;
- design and compile portfolios for both learners and educators.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: EGDD411	Semester 1	16 Credits	NQF-Level: 6

Title: Engineering Graphics and Design: FET phase
After completing this module, the student should be able to:
- have sound knowledge of the Turbo Computer-Aided Drawing programme;
- be able to create two dimensional drawings and three dimensional wire frame models and solids; and
- be able to use newly acquired skills concerning Turbo CAD and apply their knowledge of Engineering Graphics and Design to plan lessons and to do selected preparatory work for classroom activities.

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: EGDD421	Semester 2	16 Credits	NQF-Level: 6

Title: Engineering Graphics and Design: Snr phase
After completing this module, the student should be able to:
- have sound knowledge of the Turbo Computer-Aided Drawing programme;
- be able to create solid parts;
- be able to use newly acquired skills and their knowledge of Engineering Graphics and Design to plan lessons and to do selected preparatory work for classroom activities.

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: EGDE111	Semester 1	8 Credits	NQF-Level: 5a

Title: Engineering Graphics and Design (Engineering)
After completing this module, the student should be able to:
- demonstrate a basic knowledge, concept and insight regarding the field of knowledge of mechanical technology, which is relevant to the engineering industry, with attention to safety;
- explain and evaluate the necessity to implement safety in the work place to create a safe working environment;
- demonstrate a basic knowledge and understanding of the manufacturing of iron and steel as engineering materials;
- identify and select the correct material for a specific application and motivate the reason for their choice;
- demonstrate a basic knowledge of hand and precision measuring tools (outside and inside micrometer), equipment and machines (drilling machines, grinders and the lathe) and communicate it in writing; and
- describe and motivate the essence of the above-mentioned on technological processes from conceptual design through to the process of practical problem solving to produce or improve on products which can enhance our quality of life.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                         1x2 hour written examination 50 %

Module Code: EGDE112	Semester 1	8 Credits	NQF-Level: 5a

Title: Engineering Graphics and Design (Vehicle)
After completing this module, the student should be able to:
- demonstrate basic knowledge of the Occupational Health and Safety Act and Regulations applicable to the motor mechanical workshop;
- identify and apply the correct maintenance to all the hand tools relevant to this workshop;
- demonstrate knowledge to distinguish between, and evaluate various types of engines and drive train combinations with regard to the layout, operation and composition as well as the advantages and disadvantages of each, and
- demonstrate basic knowledge of the basic layout and construction of the modern vehicle.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                         1x2 hour written examination 50 %

Module Code: EGDE121	Semester 2	8 Credits	NQF-Level: 5a

Title: Engineering Graphics and Design (Electrical)
After completing this module, the student should be able to:
- be able to demonstrate knowledge and understanding of the principles and concepts of indigenous and global graphical communications within the context of Electrical Technology for Education; and
- demonstrate skills in drawing circuitry and symbols in Electrical Technology for Education.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                         1x2 hour written examination 50 %

Module Code: EGDE122	Semester 2	8 Credits	NQF-Level: 5a

Title: Engineering Graphics and Design (Civil)
After completing this module, the student should be able to:
- demonstrate basic knowledge of the Occupational Health and Safety Act and Regulations as applicable to this workshop and the civil study field;
- demonstrate adequate knowledge to identify all the hand tools, electrical hand tools and machine tools used and be able to describe the maintenance and uses of these machines;
- demonstrate adequate knowledge of legitimate construction methods and techniques; and demonstrate profound knowledge to design and plan a simple project.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                              1x2 hour written examination 50 %

Module Code: EGDE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Engineering Graphics and Design
After completing this module, the student should be able to:
- have sound theoretical knowledge of Descriptive Geometry, Intersections and Developments; and
- be able to apply theoretical knowledge and drawing skill in order to solve relevant problems.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                              1x2 hour written examination 50 %

Module Code: EGDE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Engineering Graphics and Design
After completing this module, the student should be able to:
- have sound theoretical knowledge of Descriptive Geometry, Intersections and Developments; and
- be able to apply theoretical knowledge and drawing skill in order to solve relevant problems.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                              1x2 hour written examination 50 %

Module Code: EGDE311	Semester 1	16 Credits	NQF-Level: 6

Title: Engineering Graphics and Design
After completing this module, the student should be able to:
- have sound theoretical knowledge of Machine Drawing I, Oblique Projection, Axonometric Projection, Perspective Projection and Civil Drawings; and
- be able to apply theoretical knowledge in order to solve relevant problems.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                              1x3 hour written examination 50 %

Module Code: EGDE321	Semester 2	16 Credits	NQF-Level: 6

Title: Engineering Graphics and Design
After completing this module, the student should be able to:
- have sound theoretical knowledge of Machine Drawing II, Assembly Drawings and Electrical Drawings; and
- be able to apply theoretical knowledge in order to solve relevant problems.

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ENGD212	Semester 1	8 Credits	NQF-Level: 5b

Title: English Methodology: Didactical Aspects of English
After you have completed this module, you should:
- demonstrate fundamental knowledge on the theories of SLA;
- demonstrate understanding of approaches, methods and techniques in ESL;
- name and describe OBE principles in design and selection of learning material; and
- interpret and select learning outcomes and assessment standards for effective teaching and learning of the four language skills.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ENGD322	Semester 2	8 Credits	NQF-Level: 6

Title: English Methodology: Didactical Aspects of English
After you have completed this module, you should:
- understand and select appropriate outcomes and assessment standards from the NCS for First Additional Language;
- apply didactical principles and teaching strategies in lesson planning and assessment; and
- apply appropriate knowledge and skills to design a lesson according to OBE principles with all necessary requirements and support.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ENGD416	Semester 1	16 Credits	NQF-Level: 6

Title: English Methodology: Didactical Aspects: Int- and Snr phase
After you have completed this module, you should:
- demonstrate the ability to apply knowledge of learning theory, teaching strategies and methods to design phase appropriate lessons;
- analyse and interpret Learning Outcomes and Assessment Standards for Intermediate and Senior phase;
- interpret the NCS to plan lessons by clustering the Learning Outcomes and Assessment Standards; as well as integration with other Learning Areas and Subjects and to apply sound OBE principles;
- plan a Learning Programme Framework; Work Schedule and Lesson Plans for each phase driven by a Communicative and Task-based approach; and
- be able to deliver a complex and dynamic curriculum to students of every socioeconomic, linguistic and cultural background.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGD417	Semester 1	16 Credits	NQF-Level: 6

Title: English Methodology: Didactical Aspects: Snr- and FET phase
After you have completed this module, you should:
- demonstrate the ability to apply knowledge of learning theory, teaching strategies and methods to design phase appropriate lessons;
- analyse and interpret Learning Outcomes and Assessment Standards for the Senior and Further Education and Training Phase;
- interpret the NCS to plan lessons by clustering the Learning Outcomes and Assessment Standards; as well as integration with other Learning Areas and Subjects and to apply sound OBE principles;
- plan a Learning Programme Framework; Work Schedule and Lessons for each phase driven by a Communicative and Task-based approach; and
- be able to deliver a complex and dynamic curriculum to students of every socioeconomic, linguistic and cultural background.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGD426	Semester 2	16 Credits	NQF-Level: 6

Title: English Methodology: Int- and Snr phase
After you have completed this module, you should:
- demonstrate ability to apply knowledge of learning theory, teaching strategies and methods to design phase appropriate lessons;
- analyse and interpret Learning Outcomes and Assessment Standards for the Intermediate and Senior phase;
- interpret the NCS to plan lessons by clustering the Learning Outcomes and Assessment Standards; as well as integration with other Learning Areas and Subjects and to apply sound OBE principles;
- plan a Learning Programme Framework; Work Schedule and Lessons for each phase driven by a Communicative and Task-based approach; and
- be able to deliver a complex and dynamic curriculum to students of every socioeconomic, linguistic and cultural background.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGD427	Semester 2	16 Credits	NQF-Level: 6

Title: English Methodology: Snr- and FET phase
After you have completed this module, you should:
- demonstrate ability to apply knowledge of learning theory, teaching strategies and methods to design phase appropriate lessons;
- analyse and interpret Learning Outcomes and Assessment Standards for the Intermediate and Senior phase;
- interpret the NCS to plan lessons by clustering the Learning Outcomes and Assessment Standards, as well as integration with other Learning Areas and Subjects and to apply sound OBE principles;
- plan a Learning Programme Framework, Work Schedule and Lessons for each phase driven by a Communicative and Task-based approach; and
- be able to deliver a complex and dynamic curriculum to students of every socioeconomic, linguistic and cultural background.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGE111	Semester 1	16 Credits	NQF-Level: 5a

Title: English for Education
After you have completed this module, you should:
- demonstrate a solid knowledge and understanding of the literary genres of film, drama and novel;
- demonstrate the necessary skills to analyse and critically evaluate literary texts;
- have the knowledge and skills needed to identify and evaluate the values explored in literary texts;
- have the knowledge and skills needed to identify literary themes for a multicultural society related to the real life experiences of learners and focus on the role literature study can play in advancing recognition of and respect for all people in a democratic society;
- demonstrate the solid knowledge and necessary skills to communicate effectively, both individually and in groups, in English in general and specifically regarding all aspects of the teaching-learning situation;
- demonstrate solid knowledge of stylistic aspects of literary texts in order to use literature for the teaching of language and grammar skills; and
- demonstrate fundamental knowledge and understanding of didactic skills and approaches and apply this to the teaching of language and literature.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGE122	Semester 2	16 Credits	NQF-Level: 5a

Title: English for Education: Linguistics for Language Teachers
After you have completed this module, you should:
- demonstrate a fundamental knowledge and understanding of the field of linguistics and its application in the language classroom;
- critically analyse the knowledge bases of the four language skills as they pertain to the English classroom;
- demonstrate competence in the four language skills and their application in the language classroom;
- access, evaluate and apply technological information in the classroom;
- successfully create and maintain a learning environment that is conducive to effective learning; and
- successfully select, create and evaluate suitable learning resources.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGE212	Semester 2	16 Credits	NQF-Level: 5b

Title: English for Education: SA Literacy Contexts in Education

After you have completed this module, you should:

- demonstrate solid knowledge and understanding of the literary genres of poetry, short stories and young adult literature in a variety of Afrocentric texts;
- demonstrate well established competence in identifying, tracing and interpreting themes in literary genre;
- apply knowledge of stylistic aspects of literary texts in the teaching of language and grammar skills;
- analyse and critically evaluate Afrocentric literary texts in 'n multicultural environment;
- identify and evaluate the values explored in Afrocentric literary texts;
- communicate effectively, both individually and in groups, in English in general and specifically regarding all aspects of the teaching-learning situation; and
- demonstrate fundamental knowledge and understanding of didactic skills and approaches and apply this to the teaching of language and literature.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGE221	Semester 2	16 Credits	NQF-Level: 5b

Title: English for Education: Respect as Educational Principle in Literary Texts

After you have completed this module, you should:

- demonstrate knowledge and understanding of representative selections from different literary traditions;
- demonstrate knowledge and understanding of literary theory and genre;
- trace the development of major literary movements in historical periods;
- identify, trace, interpret and critically comment on themes in a literary genre;
- demonstrate the skills and knowledge required to analyse and critically evaluate literary texts;
- demonstrate fundamental knowledge of stylistic aspects of literary texts;
- demonstrate ability to identify and evaluate the values explored in literary texts and films;
- demonstrate understanding of didactic skills and approaches and apply this to the teaching of literature.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGE311	Semester 1	16 Credits	NQF-Level: 6

Title: English for Education: Advanced Thematic Studies for English in Education

After you have completed this module, you should:

- demonstrate profound knowledge and insight regarding the literary genres of drama novel and poetry in a variety of texts;
- identify, trace interpret and critically comment on themes in a literary genre;
- demonstrate the skills and knowledge required to analyse and critically evaluate literary texts;
- demonstrate fundamental knowledge of stylistic aspects of literary texts in order to use literature for the teaching of language and grammar skills;
- demonstrate the profound knowledge and skills needed to identify and evaluate the values explored in literary texts and films;
- demonstrate a fundamental understanding of didactic skills and approaches and apply this to the teaching of language and literature;
- demonstrate a profound knowledge of the cognitive academic language skills required for teaching English; and
- demonstrate an ample ability to identify themes and situations which learners can identify and learn from, thus aiding them in dealing with similar situations in their personal lives.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ENGE321	Semester 2	16 Credits	NQF-Level: 6

Title: English for Education: Construction and Deconstruction as an Educational Tool
After you have completed this module, you should:

- demonstrate profound knowledge and insight of the deconstructive view of literature;
- demonstrate judicious ability for deconstructive reading pertaining to the multiple meanings of words, exclusions, substitutions, intertextuality, filiations among meanings and signs, the play of meaning, and repetition;
- demonstrate the skills and knowledge required to analyse and critically evaluate relations of texts to each other;
- demonstrate fundamental knowledge of the construction, communication, and reception of texts within a cultural and educational context;
- demonstrate judicious knowledge of stylistic aspects of literary texts in order to use literature for the teaching of language and grammar skills;
- demonstrate the basic knowledge and skills required for the construction of meaning in cinema and the development of film language and the understanding of the major of structural components of the narrative film text, such as narrative structure, *miser-en-scene*, the camera eye, editing and sound;
- demonstrate the profound knowledge and skills needed to identify and evaluate the values exploded in literary texts and films;
- demonstrate a fundamental understanding of didactic skills and approaches and apply this to the teaching of language and literature;
- demonstrate a profound knowledge of the cognitive academic language skills required for teaching English; and
- demonstrate an ample ability to identify themes and situations to which learners can identify and learn from, thus aiding them in dealing with similar situations in their personal lives.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 % 1x3 hour written examination 50 %

Module Code: ENGF121	Semester 2	8 Credits	NQF-Level: 5a

Title: English Medium of Instruction
After you have completed this module, you should:

- demonstrate a solid knowledge of the methodology of effective second language medium of instruction;
- demonstrate a fundamental knowledge of the principles of second language acquisition;
- demonstrate basic competence in the four language skills and their application in the content classroom;
- use medium of instruction to convey content of area of specialisation by employing holistic language skills and successfully applying principles of language across the curriculum;
- demonstrate ability to monitor and evaluate own and learners' progress; and
- match the profile of an ideal, second language medium of instruction content teacher to successfully create and maintain a learning environment that is conducive to effective learning.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x2 hour written examination 50 %

Module Code: ENGF221	Semester 1	8 Credits	NQF-Level: 5b

Title: English Medium of Instruction

After you have completed this module, you should:

- demonstrate advanced competence in the four macro language skills (listening, speaking, reading and writing) of Classroom English. This is underpinned by profound knowledge of and skills in the Interpersonal, Pedagogical and General aspects of the medium of instruction;
- demonstrate fundamental knowledge of and competence in presentational skills such as loudness of voice, rate of delivery, variation in tone and pitch, articulation and fluency, as well as appropriate gestures and body language. Presentational skills also entail the use of contextual cues that will help learners to link background content, language, and cultural knowledge to new knowledge; and
- demonstrate profound knowledge of the principles underpinning competence in the methodological skills that teacher-trainees require for effective L2MI. These include the ability to:
  - plan both content and language objectives for each learning task;
  - design suitable and appropriate materials;
  - design and introduce contextual clues;
  - encourage purposeful interaction;
  - create a classroom atmosphere and attitudes that promote language acquisition and conceptual development, and
  - employ fair and appropriate assessment strategies.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 60 %
1x2 hour written examination 40 %

Module Code: ETED211	Semester 1	8 Credits	NQF-Level: 5b

Title: Electrical Technology Methodology

After you have completed this module, you should:

- demonstrate a fundamental knowledge of the NCS policy on Electrical Technology for Education in the FET phase;
- demonstrate knowledge and skills in problem-based teaching approaches; and
- demonstrate the ability to plan appropriate technology lessons according to the unique methodology of technology, with and without resources.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ETED321	Semester 2	8 Credits	NQF-Level: 6

Title: Electrical Technology Methodology

After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge base regarding curriculum development of Electrical Technology for Education;
- apply and discuss suitable types of assessment strategies in the different task types of a Technology lesson and demonstrate an understanding of the nature and practice of organising and management skills in Technology classroom management;
- present and communicate the process of designing and compiling portfolios for both learners and educators in Technology; and
- show an awareness and understanding of the safety aspects applicable in workshops, practical centres and Technology classrooms which should be applied through-out Technology teaching and learning.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ETED421	Semester 2	8 Credits	NQF-Level: 6

Title: Electrical Technology Methodology

After you have completed this module, you should:

- demonstrate an awareness and understanding of the safety aspects applicable in the workshops, practical centres and Electrical Technology for Education class rooms;
- adequately design and compile portfolios for both learners and educators in Electrical Technology for Education;
- demonstrate a coherent and critical understanding of the nature and practice of organising and management skills in Electrical Technology for Education centre management, with specific reference to workshops for the planning and conducting of practical lessons in the Senior phase; and
- demonstrate the capability to integrate the knowledge and skills acquired in the prerequisite modules in the compiling and presentation of an education project for Electrical Technology for Education.

Mode of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ETEE212	Semester 1	16 Credits	NQF-Level: 5b

Title: Electrical Technology for Education
After you have completed this module, you should:
- demonstrate basic knowledge of electrical principles with specific reference to Ohm's and Kirchoff's laws;
- demonstrate basic knowledge of electrical/electronic components, in which the learner must show competence in the use, making and working principles of theses types of components in the teaching-learning experience with specific reference to applications in the applicable school curriculum;
- demonstrate in writing and in practice, fundamental knowledge of semiconductor materials in the use of electronics; and
- use measuring instruments and the oscilloscope in the completion of practical work sessions.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ETEE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Electrical Technology for Education
After you have completed this module, you should:
- demonstrate in writing and practice that they have basic knowledge of the following, generation of alternating emf, maximum effective and average value, middle ordinate rule and phasors (graphic and analytic), principle, electromagnetism dynamic and static emf, hysteretic, direct current machines, direct current starters and meters (analogue);
- apply the skills and knowledge to solve practical problems; and demonstrate competent skills in handling instruments and machines with attention to the safety aspects as prescribed in this subject.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ETEE311	Semester 1	16 Credits	NQF-Level: 6

Title: Electrical Technology for Education
After you have completed this module, you should:
- demonstrate in writing and practice that you have the basic knowledge of electrical theories, tests and processes;
- RLC series and parallel circuits, resonance circuits, Q-factor, active and reactive components of current;
- methods to improve power factor as well as all phasor diagrams three-phase alternating current systems, alternating current measuring instruments (analogue), single phase transformers, auto-transformers and instrument transformers;
- the skill and knowledge to solve practical problems and to demonstrate competent skills in handling instruments and machines with due attention to the safety aspects as prescribed in this subject.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ETEE322	Semester 2	16 Credits	NQF-Level: 6

Title: Electrical Technology for Education
After you have completed this module, you should:
- demonstrate complete and systematic knowledge, insight and conception of the functions and applications of amplifiers and semiconductors as fields of study in electronics;
- to show skill in working in groups, as well as individually, to design bias circuits and amplifier circuits with semiconductor according to specifications;
- to critically analyse, evaluate, improve and demonstrate your designs practically, and to use these skills for educational practice, taking into account rules and regulations;
- demonstrate fundamental knowledge, insight and conception about the functions and applications of switching and control circuits, oscillators, in electronic systems.

Mode of Delivery:: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ETEE411	Semester 1	16 Credits	NQF-Level: 6

Title: Electrical Technology for Education
After you have completed this module, you should:
- demonstrate a fundamental knowledge and insight concerning computer principles as electronic component;
- with the aid of all relevant electronic principles and processes, demonstrate how to convert Boolean algebra into logic circuits, design Logic combination systems and show practical skills as stated in the module; and
- demonstrate that he/she can facilitate the specific outcomes of this module in the applicable school curriculum.

Mode of Delivery:: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: ETEE422	Semester 2	16 Credits	NQF-Level: 6

Title: Electrical Technology for Education
After you have completed this module, you should:
- demonstrate in writing and practice that he/she has a complete and systematic knowledge of the theories, tests and processes applicable to complex RLC-circuits, graphics and analytics problem solving, all aspects of power including total power, and power factor improvement of motors and electric circuits;
- determine the value of the capacitance of motors and electric circuits, three-phase transformers, instrument transformers, transmission (alternators), illumination, alternating current motors and starters;
- apply skills and knowledge to solve practical problems and to demonstrate competent skills in handling instruments and machines concerning the safety aspects as prescribed in this subject.

Mode of Delivery:: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: GEOD321	Semester 2	8 Credits	NQF-Level: 6

Title: Geography Methodology: FET phase
After you have completed this module, you should:
- demonstrate a well-rounded and systematic knowledge of Geography education with special reference to the design and implementation of a Geography lesson, assessment methods, teaching and learning styles, methods and techniques, as well as relevant resources;
- exercise a coherent and critical understanding of Geography education's terms, rules, concepts, principles and theories as well as indicating an ability to map new knowledge onto a given body of theory;
- deal with unfamiliar concrete and abstract problems and issues in Geography education using evidence-based solutions and theory-driven arguments in the planning of Geography lessons, as well as being able to present and communicate information and their own ideas and opinions on themes related to Geography education in the FET phase; and
- act in an ethically correct and value-driven manner in all operational circumstances and forms of communication, written and verbal.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: GEOD411	Semester 1	16 Credits	NQF-Level: 6

Title: Geography Methodology: FET phase
After you have completed this module, you should:
- demonstrate a comprehensive and systematic knowledge of Geography education with special reference to different teaching and learning styles, strategies, methods, techniques as well as curriculum development, design and the effective implementation of learning experiences;
- demonstrate the skills to evaluate which of these elements are the most effective concerning specific learning content in Geography, and subsequently implementing these in a creative, logical and systematic manner;
- demonstrate an ability to deal with unfamiliar concrete and abstract problems and issues in Geography education using evidence-based solutions and theory-driven arguments, as well as demonstrating an ability to engage with journal articles, scholar reviews and primary resources and be able to present and communicate information and their own ideas and opinions on themes related to Geography education in a well-structured argument; and
- act in an ethical and value-driven manner in all operational circumstances and all forms of communication, both written and verbal.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: GEOE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Geography for Education: Physical, Economical and Population Background of Africa and the RSA

After you have completed this module, you should:

- demonstrate a fundamental knowledge regarding the location, political distribution, physical features and economical trends of Africa and South Africa within a global context;
- make correct geographical interpretations, analyses, evaluations and deductions regarding physical, economical and population aspects of the RSA and Africa;
- demonstrate sound and extensive knowledge and understanding regarding the general concepts in Population Geography and make correct analyses and meaningful interpretations in this regard, as well as recognise, explain and evaluate the interrelationship between topographic, climatologic and man-made phenomena in the RSA;
- evaluate the developing economies in Africa, show insight and understanding concerning the problems in African countries and also evaluate these within the framework of their own view of life and the world as well as demonstrate the ability to apply acquired knowledge in such a way as to display an ethically responsible attitude toward Africa/South Africa and its people; and
- PRACTICAL: demonstrate a fundamental knowledge, skills, understanding and insight of map skills, cartography and representation techniques and be able to apply it in practice.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: GEOE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Geography for Education: Planetary Geography, Climatology and Oceanography

After you have completed this module, you should:

- demonstrate a fundamental knowledge of Planetary Geography, Climatology and Oceanography in context of the National Curriculum;
- identify themes relevant to Planetary Geography, Climatology and Oceanography that support the coherent understanding of concepts, ideas, theories, principles and rules;
- demonstrate an ability to use their knowledge to solve common problems within a familiar context and be able to teach it to learners at school using appropriate technology;
- act in an ethical and value-driven manner in all operational circumstances and forms of communication, written and verbal;
- PRACTICAL: demonstrate a fundamental knowledge, skills, understanding and insight into map projections as well as synoptic weather maps and be able to apply it in practice.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: GEOE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Geography for Education: Urban and Economics Geography
After you have completed this module, you should:

- demonstrate a solid knowledge base of Urban and Economic Geography in the context of the National Curriculum;
- identify themes relevant for a diverse society related to personal, community and economic areas and plan activities supporting coherent understanding of concepts, ideas, theories, principles and rules;
- demonstrate an ability to solve well-defined but unfamiliar problems in Urban and Economic Geography using correct procedures and appropriate evidence as well as the use of basic information technology to present information;
- act in an ethical and value-driven manner in all operational circumstances and forms of communication, written and verbal; AND
- PRACTICAL: demonstrate practically, a solid knowledge, skills, understanding and insight on land usage in cities as well as quantitative calculations and be able to apply these in practice.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: GEOE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Geography for Education: Geomorphology and Environmental Geography
After you have completed this module, you should:

- demonstrate a solid knowledge base of Urban and Economic Geography in the context of the National Curriculum;
- identify themes relevant for a diverse society related to personal, community and economic areas and plan activities supporting coherent understanding of concepts, ideas, theories, principles and rules;
- demonstrate an ability to solve well-defined but unfamiliar problems in Urban and Economic Geography using correct procedures and appropriate evidence as well as basic information technology to present information;
- act in an ethically and value-driven manner in all operational circumstances and forms of communication, both written and verbal.
- demonstrate, in practice, a solid knowledge, skills, understanding and insight on land usage in cities with quantitative calculations, and be able to apply these in practice; and
- *Practical: Cartography and Aerial photos and Stereoscopy. Environmental fieldwork* learners will be able to demonstrate sound knowledge, insight and perspectives with regard to the content, skills, values and methods of environmental geography, undertake an environmental impact analysis in the Potchefstroom area and write a subsequent report and have the necessary knowledge and skills to represent relief features, draw cross-section sketches and calculate and interpret gradient on topographic maps, integrating these in appropriate themes of geography. The student should also be able to interpret aerial photographs using stereoscopes and stereo-pairs and calculate scales on aerial photographs.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: GEOE311	Semester 1	16 Credits	NQF-Level: 6

Title: Geography for Education: Advanced Population and Urban Geography
After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge of Population and Urban Geography in the context of the National Curriculum;
- demonstrate a coherent and critical understanding of Population and Urban Geography's terms, rules, concepts, principles and theories as well as indicating an ability to map new knowledge onto a given body of theory;
- an ability to deal with unfamiliar concrete and abstract problems and issues in Population and Urban Geography using evidence-based solutions and theory-driven arguments as well as being able to present and communicate information and their own ideas and opinions on themes related to Population and Urban Geography, in a well structured argument;
- act in an ethically and value-driven manner in all operational circumstances and forms of communication, both written and verbal; and
- PRACTICAL: demonstrate, in a practical way, a well-rounded, systematic knowledge, skills, understanding and insight of quantitative map techniques to present data visually, as well as the functioning of a Global Positioning System (GPS) and be able to apply these in practice.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: GEOE321	Semester 2	16 Credits	NQF-Level: 6

Title: Geography for Education: Advanced Geomorphology and Climatology
After you have completed this module, you should:

- demonstrate a comprehensive knowledge and insight regarding concepts and the application possibilities of South Africa's Geological History and resulting landscapes, soils and hydrology, and should also display a systematic knowledge of advanced climatological phenomena on a global and South African context;
- analyse land forms, landscapes and climatic phenomena, which reflect the environmental conditions over time during their origin, and evaluate these within the geological time context;
- discuss and critically evaluate the conditions which lead to the global geologic and climatic phenomena;
- be able to work with other individuals in group context in an ethically accountable and responsible manner during the solving of problems characteristic of the learning contents of this module, and should undertake small scale research regarding relevant subjects as expressed in the module;
- PRACTICAL: Demonstrate a fundamental knowledge, skills, understanding and insight of GIS and be able to apply it in practice (Practical: GIS and GIS in teaching).

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: HISD321	Semester 2	8 Credits	NQF-Level: 6

Title: History Methodology: FET phase

After you have completed this module, you should:

- demonstrate a well-rounded and coherent understanding of History methodology in context of the National Curriculum Statement;
- demonstrate skills of planning teaching strategies, assessment and learning and teaching support material;
- demonstrate the competency to plan and design teaching strategies, assessment and learning and teaching support material; and
  demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts, to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, SBET

Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written examination 50 %

Module Code: HISD411	Semester 1	16 Credits	NQF-Level: 6

Title: History Methodology: FET phase

After you have completed this module, you should:

- demonstrate a comprehensive and coherent understanding of History subject methodology in context of the National Curriculum Statement;
- demonstrate comprehensive skills in analyzing and synthesizing sources, plan, design and implement different assessment strategies, compile tests, examination papers and memorandums as well as conduct year planning (learning programmes and work schedules) ;
- demonstrate the competency to analyse and synthesize sources and practically plan, design and implement different assessment strategies, compile tests, examination papers and memorandums as well as year planning (learning programmes and work schedule); and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, SBET

Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written examination 50 %

Module Code: HISE111	Semester 1	16 Credits	NQF-Level: 5a

Title: History for Education: Aspects of Ancient and Modern World History (Antiquity to 2000)
After completing this module the student should:

- demonstrate fundamental knowledge and a good understanding of ancient and modern World History from antiquity to 2000 in the context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing primary and secondary sources by differentiating between, tracing and effectively interpreting different historical sources in order to communicate these verbally or in writing;
- demonstrate competency in problem-solving abilities to address political, social and economic issues within the context of ancient and modern World History from antiquity to 2000; and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                                                  1x3 hour written examination 50 %

Module Code: HISE121	Semester 2	16 Credits	NQF-Level: 5a

Title: History Education: Aspects of African and South African History (Antiquity to 1870)
After completing this module the student should:

- demonstrate fundamental knowledge and a good understanding of African and South African History from antiquity to 1870 in the context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing primary and secondary sources by differentiating between, tracing and effectively interpreting different historical sources in order to communicate these verbally or in writing;
- demonstrate competency in problem-solving abilities to address political, social and economic issues within the context of African and South African History from antiquity to 1870; and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS
Assessment Mode: Continuous assessment 50 %
                                                  1x3 hour written examination 50 %

Module Code: HISE211	Semester 1	16 Credits	NQF-Level: 5b

Title: History for Education: Aspects of South African History (1836 - 1948)
After you have completed this module, you should:

- demonstrate a solid knowledge and a good understanding of aspects of South African History (1836 – 1948), in context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing primary and secondary sources by identifying, analyzing, interpreting and synthesizing different historical sources in order to communicate these verbally or in writing;
- demonstrate competency in problem-solving abilities to address political, social and
- economic issues within a South African context(1836-1948); and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: HISE221	Semester 2	16 Credits	NQF-Level: 5b

Title: History for Education: Aspects of African and 20th Century World History (1870 – 1990)
After completing this module the student should:

- demonstrate a solid knowledge and good understanding of aspects of African and 20th century World History (1870-1990), in the context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing primary and secondary sources by identifying, analyzing, interpreting and synthesizing different historical sources in order to communicate these verbally or in writing;
- demonstrate competence in problem-solving abilities to address political, social and economic issues within the context of African and 20th century World History (1870-1990); and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: HISE311	Semester 1	16 Credits	NQF-Level: 6

Title: History for Education: Aspects of European and World History (1914 – 2000)
After you have completed this module, you should:

- demonstrate a well-rounded and coherent understanding of aspects of European and World History (1914-2000) in context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing primary and secondary sources by identifying, analyzing, interpreting and synthesizing different historical sources in order to communicate these verbally or in writing;
- demonstrate competence in problem-solving abilities to address political, social and economic issues within the context of European and World History; and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written examination 50 %

Module Code: HISE321	Semester 2	16 Credits	NQF-Level: 6

Title: History for Education: Aspects of South African History (1948 – 2000)
After you have completed this module, you should:

- demonstrate a well-rounded and coherent understanding of aspects of South African History (1948-2000), in context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing primary and secondary sources by identifying, analyzing, interpreting and synthesizing different historical sources in order to communicate these verbally or in writing;
- demonstrate competence in problem-solving abilities to address political, social and economic issues within the context of the South African History (1948-2000); and
- demonstrate values of an ethical-professional nature with regard to the interpretation of historical facts to always be true and within context in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written examination 50 %

Module Code: INTD321	Semester 2	8 Credits	NQF-Level: 6

Title: Information Technology Methodology: FET phase
After you have completed this module, you should:
- demonstrate well-rounded knowledge of departmental policy documents on Information Technology in the FET phase, learning programmes and work schedules in applicable learning contexts, and a variety of assessment techniques, methods and instruments applicable to Information Technology;
- demonstrate profound skills in evaluating existing examples of learning programmes and work schedules, the planning and presentation of both theoretical and practical lessons and the planning and implementation of the principles of assessment in IT;
- demonstrate the ability to implement and apply learning contexts and learning programmes to inform meaningful learning in Information Technology possible; and
- demonstrate the ability to evaluate and debate the purpose of Information Technology as a subject at school level.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: INTD411	Semester 1	16 Credits	NQF-Level: 6

Title: Information Technology Methodology: FET phase
After you have completed this module, you should:
- demonstrate comprehensive knowledge of departmental policy documents on Information Technology in the FET phase, learning programmes and work schedules in applicable learning contexts, a variety of assessment techniques, methods and instruments applicable to Information Technology, as well as learning material for Information Technology and organisation and administration of the computer centre;
- demonstrate profound skills in analysing, interpreting and applying departmental policy documents to Information Technology in the FET phase, the planning, presentation and evaluation of both theoretical and practical lessons and the planning, implementation and evaluation of the principles of assessment in IT;
- demonstrate the ability to implement and apply learning contexts and learning programmes to enhance effective learning in Information Technology and to develop applicable learning activities to measure learners' attainment of specific assessment standards; and
- demonstrate the ability to evaluate and debate the profile of the ideal Information Technology facilitator.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: INTE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Information Technology for Education: Introduction to Computer Systems
After you have completed this module, you should:
- demonstrate fundamental knowledge of computer systems and environments, system software, different number systems and binary logic;
- demonstrate practical skills in software development, operations in different number systems and data representation;
- demonstrate the ability to solve basic well-defined, yet unknown, problems regarding the topics in this module, and to facilitate teaching and learning regarding these topics; and
- demonstrate understanding of the ethical aspects concerning the use of computers.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                              1x3 hour written examination 50 %

Module Code: INTE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Information Technology for Education: Databases
After you have completed this module, you should:
- demonstrate fundamental knowledge of the design of a database, which includes knowledge of data integrity, security and validity;
- demonstrate advanced skills in the normalization of data, creation of tables, relations, queries, forms, reports and macros;
- demonstrate the ability to solve basic well-defined, yet unknown, but applicable school-aimed problems by using Microsoft Access, as well as to facilitate the teaching and learning of databases; and
- demonstrate the ability to evaluate the ethical aspects regarding the use of databases.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                              1x3 hour written examination 50 %

Module Code: INTE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Information Technology for Education: Computer Networks and Web Page Design
After you have completed this module, you should:
- demonstrate sound knowledge of computer networks, data transmission in networks, the Internet and software suitable for web page design;
- be able to compare different networks, media used in data communication and network topologies, and demonstrate practical skills and good design principles in web page design;
- demonstrate the ability to solve well-defined, novel practical problems regarding computer networks and web page design, and the ability to facilitate teaching and learning of the relevant topics regarding computer networks and web page design in the applicable grade; and
- demonstrate the ability to critically evaluate the long and short term implications of the Internet and their use in education.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                              1x3 hour written examination 50 %

Module Code: INTE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Information Technology for Education: Introduction Delphi Programming
After you have completed this module, you should:
- demonstrate sound knowledge of visual programme development and object-orientated programming;
- demonstrate practical skills in algorithms and the writing of elementary Delphi programmes;
- demonstrate problem-solving abilities to solve problems by using Delphi programming and be able to facilitate these abilities and skills within the teaching situation; and
- demonstrate the ability to evaluate the ethical aspects regarding programming

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                              1x3 hour written examination 50 %

Module Code: INTE311	Semester 1	16 Credits	NQF-Level: 6

Title: Information Technology for Education: Intermediate Delphi Programming
After you have completed this module, you should:
- demonstrate well-rounded knowledge of visual programme development, object orientated programming and the integration of databases in Delphi;
- demonstrate profound practical skills in the use of procedures, functions, databases and SQL in Delphi programming;
- demonstrate advanced problem solving abilities to solve problems by using Delphi programming and be able to facilitate these abilities and skills within the teaching situation; and
- demonstrate the ability to evaluate the ethical aspects regarding programming.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                              1x3 hour written examination 50 %

Module Code: INTE321	Semester 2	16 Credits	NQF-Level: 6

Title: Information Technology for Education: Advance Delphi Programming
After you have completed this module, you should:
- demonstrate well-rounded knowledge of visual programme development, object-orientated programming and the integration of databases in Delphi;
- demonstrate profound and systematic skills in the use of databases, data modules, multiple forms, reports, objects, classes and methods in Delphi programming;
- demonstrate advanced problem-solving skills to solve unfamiliar, but real world problems by using Delphi programming and be able to facilitate these abilities and skills within the teaching situation; and
- demonstrate the ability to evaluate the ethical aspects regarding programming.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                              1x3 hour written examination 50 %

Module Code: ITEE211	Semester 1	8 Credits	NQF-Level: 5b

Title: Engineering Technology for Education

After you have completed this module, you should:

- demonstrate a thorough knowledge and have practical skills with regard to the safe use and care of precision-measuring instruments and special tools and equipment;
- communicate in writing and by means of sketches, precision-measuring instrument readings and identify and evaluate special tools and equipment applicable to Mechanical Technology and the Fitting and Turning workshop;
- identify a variety of engineering materials (also composite materials) concerning their type (ferrous and non-ferrous, alloys, plastics, etc.) and process of manufacturing;
- discuss and evaluate the properties and application of tests (e.g. Brinell, etc.) done on engineering materials;
- demonstrate a thorough knowledge of heat treatment processes on steel and evaluate the properties and results that are obtained; and
- facilitate the above-mentioned outcomes to school learners in a didactic situation.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ITEE221	Semester 2	8 Credits	NQF-Level: 5b

Title: Engineering Technology for Education

After you have completed this module, you should:

- demonstrate a sound knowledge and basic skills (both in writing and practical) in the safe use, maintenance and the application of the safety regulations that are applicable to the power tools and machinery used in mechanical technology;
- compare and evaluate different semi joining methods, explain and discuss why each of them is applied in various / different situations as well as critically evaluate the advantages and disadvantages of semi joining methods;
- facilitate all of the above-mentioned outcomes in a didactic situation to school learners both theoretically and practically (in other words in a workshop in a work situation).

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: ITEE311	Semester 1	8 Credits	NQF-Level: 5b

Title: Engineering Technology for Education

After you have completed this module, you should:

- interpret symbols, units, terminology and procedure to apply different manufacturing methods such as drilling, cutting, filing, squaring and turning (on the lathe) to make an artefact;
- critically evaluate the necessity of balanced work on the lathe and compare the advantages and disadvantages balanced and unbalanced work will have concerning wear and safety, as well as perform calculations necessary to determine the correct procedure to do balancing;
- distinguish between types of force applied to mechanical components;
- perform basic tests to verify various mechanical principles such as force, pressure and torque using gauges, meters and relevant equipment; and
- facilitate the above-mentioned outcomes to school learners in a didactic situation.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: ITEE322	Semester 2	8 Credits	NQF-Level: 6

Title: Engineering Technology for Education

After you have completed this module, you should:

- demonstrate a thorough and systematic knowledge, and have practical skills in the safe use of mechanical machines/technology and the characteristics and manufacturing of various non-ferrous metals, non-ferrous alloys, and the composition of composite materials, and to critically evaluate the advantages and disadvantages of these materials for the field of mechanical engineering as well as everyday use;
- demonstrate a thorough knowledge regarding the safe applications of mechanical drives like belts and pulleys, gears (calculation of revolution speeds), cams, levers, threads, linkages, wheels and axles.
- function in changing and unknown learning contexts that require responsibility and imitative to communicate and facilitate all of the above to school learners.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: ITEE412	Semester 1	8 Credits	NQF-Level: 6

Title: Engineering Technology for Education
After you have completed this module, you should:
- critically evaluate and discuss workshop management and maintenance, and to have acquired knowledge to design a workshop layout for a specific situation,
- demonstrate a comprehensive knowledge base regarding the use of milling machine, the function of its different parts and have an enlightened and critical understanding of the different milling cutters and simple milling operations;
- demonstrate an extended knowledge of the parts and use of the dividing head and the application and calculations of direct indexing, simple indexing and angular indexing, and
- possess the ability to function in changing and unknown contexts that require responsibility and imitative to academically, professionally and effectively communicate and facilitate the above outcomes to school learners.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                             1x2 hour written examination 50 %

Module Code: ITEE422	Semester 2	8 Credits	NQF-Level: 6

Title: Engineering Technology for Education
After you have completed this module, you should:
- demonstrate and critically evaluate more advanced operations on the milling machine, including differential indexing with the applicable calculations;
- demonstrate a comprehensive knowledge regarding gear tool terminology, calculations, and possess effective manufacturing skills to cut spur gears, helical gears and rails by making use of the dividing head and gear settings;
- do a critical evaluation of the principle of computer-controlled and numerically controlled machines, identify data critically, analyse and integrate it into the different programming principles and manufacturing processes, and
- possess the ability to function in changing and unknown contexts that require responsibility and initiative to academically, professionally and effectively communicate and facilitate the above outcomes to school learners.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                             1x2 hour written examination 50 %

Module Code: LAAC121	Semester 2	8 Credits	NQF-Level: 5a

Title: Introduction to Learning Area Arts and Culture

After you have completed this module, you should:

- demonstrate fundamental knowledge and an informed understanding of Dance, Drama, Music and Visual Arts in the Learning Area Arts and Culture in context of the National Curriculum Statement;
- apply, understand, define, identify, classify and communicate information about the main concepts and elements of Dance, Drama, Music and Visual Arts in context of the National Curriculum Statement;
- be able to solve well-defined problems in facilitating learning through the application of knowledge of the elements of the arts in the Intermediate and Senior phases according to learning outcomes and assessment standards of the learning area Arts and Culture in the National Curriculum Statement; and
- be capable of demonstrating ethically responsible behaviour and fulfilling the various roles of the teacher within the learning area Arts and Culture.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: LAAD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Arts and Culture Methodology; FET phase

After you have completed this module, you should:

- demonstrate a solid knowledge base and sound understanding of how to plan lessons, work schedules and learning programmes in Dance, Drama, Music and Visual Arts in the Senior phase;
- critically analyse and synthesize and evaluate information on various teaching methods specific to Arts and Culture education;
- demonstrate an ability to solve well-defined but unfamiliar problems in applying practical skills, while facilitating learning in practical activities in Dance, Drama and Music in the Senior phase; and
- compare different world views with their own, reflecting on various teaching methods and applying knowledge in practical teaching.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: LAAD321	Semester 2	8 Credits	NQF-Level: 6

Title: Arts and Culture Methodology: Int phase

After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge base and a coherent and a critical understanding of how to plan lessons, work schedules and learning programmes in Dance, Drama, Music and Visual Arts in the Intermediate phase;
- critically analyse, synthesize, evaluate and present information on various assessment practices specific to Arts and Culture education using IT skills appropriately;
- demonstrate an ability to solve concrete and abstract problems and issues in applying practical skills while facilitating learning in practical activities in Dance, Drama and Music in the Intermediate phase; and
- express their own views of the world pertaining to Arts and Culture, while applying various assessment practices and knowledge in practical teaching.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

                                                    1x2 hour written examination 50 %

Module Code: LAAD411	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Arts and Culture: Int phase

After you have completed this module, you should:

- demonstrate a comprehensive and systematic knowledge base of didactic principles in teaching African Dance, African Drama, African Music and African Visual Arts in the Intermediate phase;
- independently evaluate play in the learning area Arts and Culture and apply Dance, Drama, Music and Visual Arts games in the learning area Arts and Culture in the Intermediate phase;
- demonstrate an ability to identify, analyse and deal with complex and/or real world problems in applying practical teaching skills during micro-lessons and practical teaching in the learning area Arts and Culture in the Intermediate phase; and
- evaluate all opinions from their own well-established world view while teaching Dance, Drama, Music and Visual Arts in the learning area Arts and Culture during micro-lessons and in practical teaching, and be aware of social and ethical implications of applying knowledge in a certain context.

Mode of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 50 %

                                                    1x3 hour written examination 50 %

Module Code: LAAD421	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Arts and Culture: Snr phase
After you have completed this module, you should:

- demonstrate a comprehensive and systematic knowledge base and a coherent and critical understanding of integrated arts education, multicultural arts education and inclusive arts education;
- critically analyse, synthesize and independently evaluate different models for integrating the Arts in the learning area Arts and Culture in the Senior phase;
- demonstrate an ability to identify, analyse and deal with complex and/or real world problems in applying genres, which are inherently integrated, such as theatre and musical storytelling; and
- evaluate all opinions from their own well-established world view while teaching inclusive arts education in the learning area Arts and Culture during micro-lessons and in practical teaching and be aware of social and ethical implications of applying knowledge in a certain context.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written examination 50 %

Module Code: LAAE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Learning Area Arts and Culture
After you have completed this module, you should:

- demonstrate fundamental and informed understanding on how to create, interpret and present works in all the art forms and be aware of the relations between the different art forms in the context of the National Curriculum Statement;
- in the applicable techniques to create, interpret and present works of art which support, explore and emphasize cultural diversity, human rights, environmental concerns, nation-building, heritage and power relations between global and local cultures;
- demonstrate an ability to solve well-defined problems in creating and planning appropriate activities and lessons in the Intermediate and Senior phases which will guide school learners to create, interpret and present works of art;
- demonstrate ethically responsible behaviour in creating, interpreting and presenting works of art.

Mode of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written exam + Practical exams
                                          50 %

Module Code: LAAE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Learning Area Arts and Culture

After you have completed this module, you should:

- demonstrate fundamental knowledge and informed understanding on how to read and use nuances of cultural expression to convey meaning through the Arts; analyse and use multiple forms of communication and expression in Arts and Culture and be aware of the relations between the different art forms;
- analyse and apply multiple forms of communication and expression in all the art forms on topics such as natural and found resources, environmental issues, rituals, heritage, issues of stereotyping, discrimination and prejudice, mass media and technology;
- demonstrate an ability to solve well-defined problems in planning appropriate activities and lessons in the Intermediate and Senior phases which will guide school learners to communicate and express themselves through Dance, Drama, Music and Visual Art;
- demonstrate ethically responsible behaviour in expressing and communicating through the Arts.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam + Practical exams 50 %

Module Code: LAAE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Learning Area Arts and Culture

After you have completed this module, you should:

- demonstrate a solid knowledge base and sound understanding of history of the Arts, concepts, aesthetics, culture and heritage as well as the different ways social and cultural groups engage in and convey meaning through the Arts, and be aware of how the Arts relate to cognate areas;
- critically analyse and synthesize information on artistic and cultural processes, products and styles in past and present contexts;
- demonstrate an ability to solve well-defined but unfamiliar problems in planning appropriate activities and lessons in the Intermediate and Senior phases which will guide school learners to reflect critically and creatively on artistic and cultural processes, products and styles;
- compare different world views with their own, reflecting on artistic and cultural processes, products and styles.

Mode of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam + Practical exams 50 %

Module Code: LAAE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Learning Area Arts and Culture

After you have completed this module, you should:

- demonstrate a solid knowledge base and sound understanding on the importance of personal and social development and the development of the ability to work individually and collaboratively in activities in the Arts towards fostering healing and nation-building and be aware of how the Arts relate to cognate areas;
- apply personal and interpersonal skills in Dance, Drama, Music and Visual Arts activities pertaining to issues such as using a wide variety of resources, developing various literacy's, being adaptable to new ideas and new situations, developing good social relations, promoting nation-building, sharing information about careers in the Arts and using group activities to explore and share experiences of power relations and critically analyse and synthesize information;
- demonstrate an ability to solve well-defined but unfamiliar problems in planning appropriate activities and lessons in the Intermediate and Senior phases which will guide school learners to develop the ability to work individually and collaboratively in Arts activities; and
- compare different world views with their own while working individually and collaboratively in activities in the Arts.

Mode of Delivery:	Full-time
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written exam + Practical exams 50 %

Module Code: LABD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Learning Area Economic Management Science Methodology: Snr phase

After you have completed this module, you should:

- have a solid knowledge base of the learning outcomes and assessment standards applicable to EMS in the Senior phase, and assessment, with an informed notion of key terms, rules, concepts, principles and theories;
- identify themes relevant to the National Curriculum Statement applicable to EMS in the Senior phase and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules; use unknown and abstract information by using graphs and theory-driven arguments; effectively use IT skills to collect, organise, critically analyse and to interpret;
- demonstrate problem-solving abilities to plan and present lessons for specific application to EMS, using appropriate technologies, unknown and abstract information, graphs and theory driven arguments and IT skills to collect, organise, critically analyse and interpret, giving evidence of theoretical underpinning;
- effectively communicate EMS didactical aspects ethically, coherently and reliably to learners in the classroom situation by using individual or group methods.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: LABD321	Semester 2	8 Credits	NQF-Level: 6

Title: Learning Area Economic Management Science Methodology: Int phase
After you have completed this module, you should:
- have a finishing and systematic knowledge base of the National Curriculum Statement of the Economic and Management Science in the Intermediate phase (grades 4-6);
- show an informed notion of key terms, rules, concepts, principles and theories with regard to assessment, teaching aids in and outside the classroom, and lesson planning;
- use unknown and abstract information by using graphs and theory-driven arguments;
- effectively use IT skills to collect, organise, critically analyse and to interpret;
- effectively communicate the Economic and Management Science didactical aspects coherently and reliably to learners in the classroom situation by using individual or group methods.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                            1x2 hour written exam 50 %

Module Code: LABD411	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Economic Management Science Methodology: Int phase
After you have completed this module, you should:
- critically analyse. synthesise and evaluate the National Curriculum Statement applicable to the Learning Area Economic and Management Sciences in the Intermediate Phase, prove the skill of developing teacher portfolios; learning programmes and to assess effectively, have the ability to present academic-professional information effectively by making use of IT skills;teach the subject Economic and Management Sciences effectively and according to ethically established norms and values to Grade 4-9 learners, making use of the Outcomes Based Education method.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                            1x3 hour written exam 50 %

Module Code: LABD421	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Economic Management Science Methodology: Senior phase
After you have completed this module, you should:

- have a comprehensive, in-depth and systematic knowledge base of the National Curriculum Statement applicable to EMS in the Senior phase and assessment, with an informed notion of key terms, rules, concepts, principles and theories;
- identify themes relevant to the National Curriculum Statement applicable to EMS in the Senior phase and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules, use unknown and abstract information by using graphs and theory-driven arguments, effectively use IT skills to collect, organise, critically analyse and to interpret;demonstrate problem-solving abilities to plan and present lessons for specific application to EMS, using appropriate technologies, unknown and abstract information, graphs and theory-driven arguments and IT skills to collect, organise, critically analyse and to interpret, giving evidence of theoretical underpinning; and   effectively communicate EMS didactical aspects ethically, coherently and reliably to learners in the classroom situation by using individual or group methods.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written exam 50 %

Module Code: LAND211	Semester 1	8 Credits	NQF-Level: 5b

Title: Learning Area Natural Science Methodology: Senior phase
After you have completed this module, you should:

- demonstrate a comprehensive and systematic knowledge of the learning area Natural Sciences in the context of OBE, concerning the following: the nature and structure of Natural Sciences, outcomes for Natural Sciences and the Natural Sciences lesson plan;
- identify and solve problems within the themes mentioned above, and plan activities which support a comprehensive understanding of ideas, theories, principles and rules within these themes;
- act in a problem-solving manner, concerning the planning and presentation of lessons and practical sessions in context of the above-mentioned theoretical themes by using applicable technological resources; and
- demonstrate an appreciation of the contribution made by indigenous knowledge systems to educational issues concerning the above-mentioned content as well as demonstrate an ethically professional attitude and behaviour towards the content of Natural Science.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: LAND321	Semester 2	8 Credits	NQF-Level: 6

Title: Learning Area Natural Science Methodology: Int phase
After you have completed this module, you should:
- demonstrate a comprehensive and systematic knowledge of the learning area Natural Sciences in the context of OBE, concerning the following: facilitating in the Intermediate phase, didactic principles of Natural Sciences education and the learning area Natural Sciences laboratory;
- identify and solve problems within the themes mentioned above, and plan activities which support a comprehensive understanding of ideas, theories, principles and rules within these themes;
- act in a problem-solving manner, concerning the planning and presentation of lessons and practical sessions in the context of the above-mentioned theoretical themes by using applicable technological resources; and
- demonstrate an appreciation of the contribution made by indigenous knowledge systems to educational issues concerning the above-mentioned content as well as demonstrate an ethically professional attitude and behaviour towards the content of Natural Sciences.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

Module Code: LAND411	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Natural Science Methodology: Int phase
After you have completed this module, you should:
- demonstrate a comprehensive and systematic knowledge of the learning area Natural Sciences concerning the following: planning (subject framework, work schedule and lesson plan); assessment and laboratory techniques;
- identify and solve problems within the themes mentioned above, and plan activities which support a comprehensive understanding of ideas, theories, principles and rules within these themes;
- act in a problem-solving manner concerning the planning and presentation of lessons and practical sessions in the context of the above-mentioned theoretical themes by using applicable technological resources; and
- demonstrate an appreciation of the contribution made by indigenous knowledge systems to educational issues concerning the above-mentioned content as well as demonstrate an ethically professional attitude and behaviour towards the content of Natural Sciences.

Mode of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LAND421	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Natural Science Methodology: Senior phase
After you have completed this module, you should:
- demonstrate a comprehensive and systematic knowledge of the learning area Natural Science in context of OBE, concerning the following: facilitation in the Intermediate phase, didactic principles of Natural Science education and the learning area Natural Sciences laboratory;
- identify and solve problems within the themes mentioned above, and plan activities which support a comprehensive understanding of ideas, theories, principles and rules within these themes;
- act in a problem-solving manner, concerning the planning and presentation of lessons and practical sessions in context of the above-mentioned theoretical themes by using applicable technological resources; and
- demonstrate an appreciation of the contribution made by indigenous knowledge systems to educational issues concerning the above-mentioned content as well as demonstrate an ethically professional attitude and behaviour towards the content of Natural Science.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LANE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Learning Area Natural Science: Matter and Materials
After you have completed this module, you should:
- have a fundamental knowledge of the following themes in the learning area Natural Sciences: structure of matter, classification of matter, materials and chemical changes;
- be able to identify and solve problems within these themes as well as plan activities that support the comprehensive understanding of ideas, theories, principles and rules within these themes;
- acquire problem-solving skills concerning the planning and presentation of lessons and practical sessions within the context of the above theoretical themes by employing applicable technological resources; and
- demonstrate appreciation of the contribution of indigenous knowledge systems in the pharmacological, bio-ethical issues relating to the above-mentioned content and should demonstrate an ethically accountable attitude towards the content of the learning area Natural Sciences.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LANE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Learning Area Natural Science: Earth and beyond

After you have completed this module, you should:

- demonstrate fundamental knowledge and a good understanding of the place of Geography in Natural Sciences as Learning Area in the context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing themes relevant to Planetary Geography, Climatology, Geomorphology, Oceanography and Cartography and plan activities supporting the coherent understanding of concepts, ideas, theories, principles and rules;
- demonstrate the competency of problem-solving abilities to plan and present tasks for specific application to Geography within the Learning Area Natural Sciences using appropriate technologies and giving evidence of theoretical underpinning;
- demonstrate values of an ethical-professional nature with regard to interrelationships between the environment on earth, outer space and humankind in compliance with the *Manifesto on Values, Education and Democracy*; and
- Practical section: demonstrate fundamental knowledge, understanding, and insight into the types of map as well as apply skills to calculate direction, scale, distance and area using maps so as to be able to apply these in practice.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                        1x3 hour written exam 50 %

Module Code: LANE311	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Natural Science:

After you have completed this module, you should:

- explain certain life processes and demonstrate insight into future facilitation and assessment thereof;
- compare with one another the different facets of ecosystems and identify and describe the role played by each;
- demonstrate insight into the concept *energy flow* and illustrate and describe it at different levels of the field of study;
- formulate and solve problems by means of critical and creative thinking;
- cooperate effectively with other students as members of a team, group, organisation and community;
- learn in a self-regulatory manner while managing time effectively;
- take cognisance of the didactic principles discussed and demonstrated in this module;
- demonstrate by your lifestyle the required respect for Creation.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                        1x3 hour written exam 50 %

Module Code: LANE321	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Natural Science: Energy and Energy Change
After you have completed this module, you should:

- use concepts such as energy, labour, power and heat in a scientific context;
- solve problems relating to energy within the context of light, sound and electricity;
- understand the value of energy sources in a responsible manner;
- plan experiments with responsibility and the necessary safety and perform them in a laboratory and communicate the data in the form of a report;
- solve problems relevant to energy and the tuition doctrine thereof critically and creatively;
- emanating from an established value system, demonstrate an ethical correct attitude towards all facets of man and nature;
- have your own point of view about ethical matters concerning energy.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x3 hour written exam 50 %

Module Code: LASD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Learning Area Social Science Methodology: Snr phase
After you have completed this module, you should:

- demonstrate a solid and sound knowledge of Social Sciences as a learning area in context of the National Curriculum Statement;
- demonstrate basic skills of planning and designing an elementary lesson;
- demonstrate the competency to plan, design and present lessons utilizing different kinds of sources;
- demonstrate values of an ethical-professional nature with regard to human and environmental rights which are in compliance with the *Manifesto on Values, Education and Democracy.*

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode: Continuous assessment 50 %
                                          1x2 hour written exam 50 %

Module Code: LASD321	Semester 2	8 Credits	NQF-Level: 5b

Title: Learning Area Social Science Methodology: Int phase
After you have completed this module, you should:

- demonstrate a well-rounded knowledge to design and implement Geography and History lessons as well as to understand and be able to evaluate the different teaching approaches in the Social Sciences in order to utilize the most appropriate teaching approach, together with using the most appropriate teaching support material creatively and effectively;
- demonstrate suitable skills to design and implement a Geography and History lesson, as sub-disciplines of the Social Sciences, as well as incorporating other learning areas creatively and effectively;
- demonstrate competency to initiate, manage and assess an applicable environmental project according to the correct OBE principles and regulations, as well as evaluate the different teaching approaches in the Social Sciences, using the most appropriate teaching support material effectively and creatively;
- become knowledgeable in ethical-professional values in lesson design and practical teaching.

Mode of Delivery:	Full-time, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: LASD411	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Social Science Methodology: Int phase
After you have completed this module, you should:

- demonstrate a comprehensive and coherent knowledge of Social Sciences as a learning area in the context of the National Curriculum Statement;
- demonstrate comprehensive skills of planning and designing and presenting a lesson;
- demonstrate the competency to plan, design and present lessons utilizing all available teaching strategies, methods, strategies, instruments and learning and teaching support material;
- demonstrate values of an ethical-professional nature in the design of learning experiences and practical teaching with regard to human and environmental rights which are in compliance with the *Manifesto on Values, Education and Democracy*.

Mode of Delivery:	Full-time, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written exam 50 %

Module Code: LASD421	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Social Science Methodology: Senior phase

After you have completed this module, you should:

- employ refined, systematic knowledge in the creative and systematic design of Geography and History learning experiences and the subsequent implementation and demonstration of these areas as sub-disciplines of Social Sciences, including the employment of an expansive array of teaching techniques such as information and communication technology;
- demonstrate exhaustive knowledge and applicable skills employed in the design, implementation and demonstration of advanced Geography and History lessons, whilst expertly and creatively integrating other learning areas;
- demonstrate an understanding of the various teaching approaches concerning the Social Sciences and subsequently evaluate these for the purpose of implementing the correct approach to learning experiences and to creatively and effectively employ and elucidate appropriate teaching aids in practice;
- demonstrate the competency to design appropriate learning experiences, worksheets, assessment rubrics, tests/exams and memoranda pertaining to synoptic weather charts, graphs and diagrams, topographic charts and aerial photographs in accordance with OBE and geographical-didactic principles, apply ethical-professional values in learning experience design and practical teaching.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LEWV112	Semester 1	8 Credits	NQF-Level: 5a

Title: Life Skills: Interpersonal

- The aim of this module is to facilitate the development of life-skills. In teaching life-skills focus is placed on stimulating the growth and development of the learner to reach full potential and to improve the learner's quality of life. Social well-being and success are stimulated and dysfunctional behaviour is prevented, especially in difficult, stressful situations. Life-skills empower the student to face life's problems and challenges in a constructive way and to address the demands of their studies and prospective vocation as an educator.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

179

Module Code: LEWV211	Semester 1	8 Credits	NQF-Level: 5b

Title: Life Skills
- The aim is the facilitating of necessary life skills to enable learners to meet the demands of a rapidly changing society. In teaching life skills the focus is on empowering student to take personal responsibility for their education, to develop self-management skills and to improve their thinking skills. The aim is to enable learners to make appropriate decisions, to establish healthy relationships, set goals in life and be proficient in their careers.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

Module Code: LIFD321	Semester 2	8 Credits	NQF-Level: 6

Title: Life Sciences Methodology: FET phase
After you have completed this module, you should:
- demonstrate a well-developed and systematic knowledge of the following themes: The nature and structure of Life Sciences (LS); Policy documents relevant to LS; apply the scientific method with emphasis on hypothesizing.
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive comprehension of ideas, theories and principles and rules within the themes;
- be able to use problem solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by amongst others the use of suitable technological aids;
- display an appreciation for the contribution native knowledge systems play in pharmacology, bio-ethical issues in the above content and the ethical accountability towards the content of the Life Sciences.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LIFD411	Semester 1	16 Credits	NQF-Level: 6

Title: Life Sciences Methodology: FET phase
After you have completed this module, you should:
- demonstrate a well-developed and systematic knowledge of the following themes: Designing a learning programme (subject framework, work schedule and lesson plans); Assessment; Laboratory techniques and Environmental Education.
- Be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive comprehension of ideas, theories and principles and rules within the themes;
- Be able to use problem solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by amongst others the use of suitable technological aids;
- Display an appreciation for the contribution native knowledge systems play in pharmacology, bio-ethical issues in the above content and the ethical accountability towards the content of the Live Sciences.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LIFE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Life Sciences for Education: Biochemistry, Cell and Cell Activities
After you have completed this module, you should:
- demonstrate a well-developed and systematic knowledge of the following themes:
  - the scientific method,
  - basic chemistry and bio-chemistry,
  - the cell and cell activities (cell division, nucleic acids, photosynthesis and cell respiration);
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive understanding of ideas, theories and principles and rules within the themes;
- be able to use problem-solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by, amongst others, the use of suitable technological aids;
- display an appreciation for the contribution indigenous knowledge systems play in pharmacology, bio-ethical issues in the above content and apply an ethical accountability towards the content of the Life Sciences.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x3 hour written exam 50 %

Module Code: LIFE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Life Sciences for Education: Bacteria, Archea and Plantea
After you have completed this module, you should:
- have a finished and systematic knowledge in the following themes in Life Sciences:
  - the classification of living things
  - characteristics of viruses and organisms in the domains Bacteria and Archaea,
  - the evolutionary development of the domain Eucarya (including the animal kingdom),
  - a comparison of various plant phyla,
  - the morphology and anatomy of Angiospermatophyta,
  - physiology with reference to water and nutrient absorption in plants
  - and the analysis and comparison of the reproduction, growth and development of plants;
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive understanding of ideas, theories and principles and rules within the themes;
- be able to use problem-solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by, amongst others, the use of suitable technological aids;
- display an appreciation for the contribution indigenous knowledge systems play in pharmacology and bio-ethical issues in the above content and apply an ethical accountability towards the content of the Life Sciences.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x3 hour written exam 50 %

Module Code: LIFE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Life Sciences for Education: Protista, Animalia, Physiology of Man
After you have completed this module, you should:
- a basic knowledge of the following themes
  - Domain Eucarya (Ryke Protista and Animalia),
  - dichotomous keys,
  - Histology (mammal tissue),
  - Anatomy and Physiology of man (terminology, cardio-vascular- lymph and immune systems);
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive understanding of ideas, theories and principles and rules within the themes;
- be able to use problem-solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by, amongst others, the use of suitable technological aids;
- display an appreciation for the contribution indigenous knowledge systems play in pharmacology and bio-ethical issues in the above content and apply an ethical accountability towards the content of the Life Sciences.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x3 hour written exam 50 %

Module Code: LIFE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Life Sciences for Education: Physiology of Man
After you have completed this module, you should:
- demonstrate a well-founded knowledge of the following systems of the human anatomy and physiology - locomotion-, muscle-, nutrition-, gasseous exchange-, excretion- and osmo-regulation, co-ordination and thermo-regulatory systems;
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive understanding of ideas, theories and principles and rules within the themes;
- be able to use problem-solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by, amongst others, the use of suitable technological aids;
- display an appreciation for the contribution indigenous knowledge systems play in pharmacology and bio-ethical issues in the above content and apply an ethical accountability towards the content of the Life Sciences.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x3 hour written exam 50 %

Module Code: LIFE311	Semester 1	16 Credits	NQF-Level: 6

Title: Life Sciences for Education: Ecology and Sustainable Life
After you have completed this module, you should:
- have a finished and systematic knowledge in the following themes in Life Sciences
  - eco-systems, population dynamics and the human impact on eco-forms and quantitative ecology;
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive understanding of ideas, theories and principles and rules within the themes;
- be able to use problem-solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by, amongst others, the use of suitable technological aids;
- display an appreciation for the contribution indigenous knowledge systems play in pharmacology and bio-ethical issues in the above content and apply an ethical accountability towards the content of the Life Sciences.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LIFE321	Semester 2	16 Credits	NQF-Level: 6

Title: Life Sciences for Education: Evolution, Physiology of Man, Reproduction and Genetics
After you have completed this module, you should:
- have a finished and systematic knowledge in the following themes in Life Sciences - reproduction of mankind, genetics and the evolution theory;
- be able to identify and solve problems within the above themes as well as plan activities that support the comprehensive understanding of ideas, theories and principles and rules within the themes;
- be able to use problem-solving abilities regarding the planning and presentation of lessons and practical sessions within the context of the theoretical themes mentioned above by, amongst others, the use of suitable technological aids;
- display an appreciation for the contribution indigenous knowledge systems play in pharmacology and bio-ethical issues in the above content and apply an ethical accountability towards the content of the Life Sciences.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LIFF121	Semester 2	8 Credits	NQF-Level: 5a

Title: Life Skills Fundamental

After you have completed this module, you should:

- demonstrate a fundamental knowledge base of the terminology, rules, concepts, principles, and theories of Life Skills for educators pertaining to self-concept, self-management, setting of personal goals, HIV/AIDS awareness and national HIV/ AIDS policy;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the value and meaning of teaching Life Skills, regard themselves and others in a positive light, function as unique individuals within their own environment, regard barriers in one's life in a new light, promote HIV/AIDS awareness as well as the national HIV/ AIDS policy;
- demonstrate the ability to use the attained knowledge to solve common problems within a familiar context of Life Skills for educators pertaining to self-concept, self-management, setting of personal goals, HIV/AIDS awareness as well as the national HIV/ AIDS policy, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the value and meaning of teaching Life Skills as well as the concepts of "*ubuntu*", HIV/AIDS and the national HIV/ AIDS policy.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE,
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Modulekode: LITA122	Semester 2	8 Krediete	NKR-Vlak: 5a

Titel: Geletterdheid Eerste Addisionele Taal: Afrikaans

Na afloop van hierdie module behoort die student:

- demonstreer 'n fundamentale kennis rakende die onderrig van 'n addisionele taal (Afrikaans) in die Grondslagfase wat die onderrig van beginsels en uikomste soos gespesifiseer deur die Nasionale Kurrikulumverklaring die Totale Geletterdheidsmodel en beginsels gebaseer op die ontwikkeling en uitbreiding van woordeskat en die ontwerp van lesplanne wat gebaseer is op uitkomsgerigte beginsels, insluit;
- probleme te kan identifiseer en oplos met betrekking tot bogenoemde temas en beplande aktiwiteite wat gevaseer is op die verstaan van temas en die gepaardgaande teoretiese beginsels;
- 'n fundamentele kennis van die beplanning en aanbieding van 'n les volgens 'n gegewe formaat en assesseringskriferia, asook die gebruik van die mess effektiewe onderrigvaardighede en assesseringstrat egieë binne 'n spesifieke onderrig-leer omgweing te dmeonstreer;
- die basiese beginsels van geletterdheid op 'n etiesverantwoordbare wyse gedurende groepwerk, in die klaskamer en ook die gemeenskap kan demonstreer.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE
Assesseringsmetodes:	Deurlopende assessering 50 %
	1x3 uur geskrewe eksamen 50 %

Module Code: LITA123	Semester 2	8 Credits	NQF-Level: 5b

Title: Literacy 1st Additional Language (English)

After you have completed this module, you should:

- demonstrate a fundamental knowledge of various aspects of teaching Literacy, specifically English as a first additional language in the Foundation phase including
  - the principles and outcomes as specified by the RNCS
  - specifications regarding first additional language acquisition
  - the Total Literacy Model and principles on which to build language learning activities
  - aspects of cooperative learning
  - the development and extension of vocabulary and designing lesson plans based on OBE principles;
- identify and solve common problems within a familiar context of the above-mentioned themes and plan activities based on the understanding of ideas and theoretical principles of the themes;
- demonstrate a fundamental knowledge of planning and presenting a lesson in accordance with a given format and assessment criteria, and use the most effective instructional skills and assessment strategies for a specific teaching-learning environment;
- demonstrate the basic principles of literacy in an ethically responsible manner during group work, in the classroom and in the community.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Modulekode: LITA222	Semester 2	8 Krediete	NKR-Vlak: 6

Titel: Geletterdheid Eerste Addisionele Taal: Afrikaans

Na afloop van hierdie module behoort die student:

- 'n stewige kennisbasis met goeie begrip van geletterdheidspesifiek Afrikaans as eerste addisionele taal in die Grondslagfase te demonstreer wat die verskillende onderrigstrategieë, metodes en tegniek en die korrekte aanwending daarvan, die ontwikkeling van luister- en praatvaardighede en die gebruik daarvan, insluit;
- kennis te gebruik vir die oplossing van spesifieke probleme binne die konteks van bogenoemde temas en die beplanning van aktiwiteite wat gebaseer is op die verstaan van idees en teoretiese beginsels van die temas;
- 'n fundamentele kennis van die beplanning en aanbieding van 'n les volgens 'n gegewe formaat en assesseringskriteria, asook die gebruik van die mees effektiewe onderrigvaardighede en assesseringstrategieë binne 'n spesifieke onderrigleer omgewing te demonstreer; en
- die basiese beginsels van geletterdheid op 'n eties verantwoordbare wyse gedurende groepwerk, in die klaskamer en ook die gemeenskap te demonstreer.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %
1x3 uur geskrewe eksamen 50 %

Module Code: LITA223	Semester 2	8 Credits	NQF-Level: 5b

Title: Literacy 1st Additional Language (English)

After you have completed this module, you should:

- demonstrate a solid knowledge base and an informed understanding of Literacy, specifically English as a first additional language in the Foundation phase including various language teaching strategies, methods and techniques and their correct application; the development of listening and speaking skills and their application; the creation of barriers to effective listening and how these can be avoided; assessment standards for listening and speaking and their application; and the teaching of word recognition and vocabulary instruction;
- use your knowledge to solve well-defined problems that are both routine and unfamiliar within the context of the above-mentioned themes and plan activities based on the understanding of ideas and theoretical principles of the themes;
- demonstrate an ability to plan and present a lesson in accordance with a given format and assessment criteria, and use the most effective instructional skills for selected teaching and assessment strategies for a specific teaching-learning environment; demonstrate the basic values of literacy in an ethically responsible manner during group work, in the classroom and in the community.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50%

Modulekode: LITA312	Semester 1	8 Krediete	NKR-Vlak: 6

Titel: Geletterdheid Eerste Addisionele Taal: Afrikaans

Na afloop van hierdie module behoort die student:

- 'n volronde en sistematiese kennis met goeie begrip van geletterdheid, spesifiek Afrikaans as eerste addisionele taal in die Grondslagfase te demonstreer, wat die assesseringstandaarde van lees en skryf en die toepaslike assessering daarvan, fonetiek, die onderrig van spelling en woordeboek gebruik, die ontwikkeling van lees- en skryfvaardighede en die gebruik van geskikte metodes; en die aanvangsituasie tot lees in die eerste addisionele taal en die skryfproses en die aanwending daarvan insluit.
- om kennis te gebruik vir die oplossing van spesifieke probleme binne die konteks van bogenoemde temas en die beplanning van aktiwiteite wat gebaseer is op die verstaan van idees en teoretiese beginsels van die temas;
- 'n fundamentele kennis van die beplanning en aanbieding van lesse en praktiese sessies binne die konteks van bogenoemde teorie en gebruik van tegnologie te demonstreer; en
- eie idees en opinies in goed gestruktureerde argumente op 'n professionele wyse te demonstreer.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %
1x3 uur geskrewe eksamen 50 %

Module Code: LITA313	Semester 1	8 Credits	NQF-Level: 6

Title: Literacy 1st Additional Language (English)
After you have completed this module, you should:
- demonstrate an well-rounded knowledge base and sound understanding of Literacy, specifically English as a first additional language in the Foundation Phase including: the assessment standards of reading and writing and the application thereof; phonics and the teaching of spelling, fluency and comprehension; and the development of reading and writing skills and the application of suitable methods;
- demonstrate an ability to solve well-defined but unfamiliar problems using correct procedures and appropriate evidence based on the above mentioned themes and plan activities based on the understanding of ideas and theoretical principles of the themes;
- demonstrate the ability to solve problems in relation to the planning and presentation of lessons and practical sessions within the context of the above mentioned by using basic information technology;
- demonstrate own ideas and opinions in well-structured arguments in a professional manner.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: LITG211	Semester 1	8 Credits	NQF-Level: 5b

Title: Literacy: Visual Arts
After you have completed this module, you should:
- demonstrate a solid knowledge base and sound understanding of visual literacy to describe art concept, principles, styles, content, materials and techniques;
- demonstrate an understanding of the process of critical analysis and provide reasons for aesthetic judgements;
- critically analyse and synthesize information on visual literacy in fine arts as applicable to EDUCATIONAL ART, explore writing and research skills in the study of educational art in the Foundation phase;
- demonstrate an ability to solve well-defined but unfamiliar problems in planning appropriate teaching and learning activities in the Foundation phase using the informal approach to lesson presentation in art;
- demonstrate ethically responsible behaviour while reflecting on the diversity of children's art in the Foundation phase, within the context of a multi-cultural society.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Modulekode: LITG322	Semester 2	16 Krediete	NKR-Vlak: 6

Titel: Onderwysafrikaans: Akademiese onderbou vir grondslagfase-onderwysers
Na afloop van hierdie module behoort die student:

- bewys te kan lewer van grondige kennis van die eie aard van kinder-, jeug- en volwasseneliteratuur en van die verskille daartussen en in staat te wees om sy/haar kennis kan gebruik vir die identifisering van geskikte tekste vir aanwending as leermateriaal in die grondslagfase;
- 'n vir-grondslagfase-onderwysers-relevante prosawerk as literêre teks te kan analiseer en evalueer;
- die funksies van verskillende taal- en konsepsionele elemente van gedigte te kan vasstel en die bydrae daarvan tot die artistieke betekenisgeheel te kan beskryf en waardeer;
- kennis van literêr-teoretiese aspekte en insig in die hantering van vakterme en -begrippe in die poësie te demonstreer deur Afrikaanse gedigte selfstandig te kan ontsluit; en
- skoolprogramrelevante aspekte van die Afrikaanse fonetiek, morfologie, sintaksis en tekslinguistiek te kan gebruik om sy haar eie (voorbeeld)skryfwerk te verbeter en om leer ten opsigte van klanke, letters, woorde, sinne en teksstrukturering in die grondslagfase met kundigheid te kan fasiliteer.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE SBO
Assesseringsmetodes:	Deurlopende assessering 50 %, 1x2½ uur geskrewe eksamen 50 %

Module Code: LITG413	Semester 1	16 Credits	NQF-Level: 6

Title: Literacy Academic English: First Additional Language
After you have completed this module, you should:

- demonstrate fundamental knowledge of the characteristics of children's, young adult and adult literature. This knowledge should enable them to select suitable teaching and learning materials for the Foundation phase.
- analyse and evaluate prose relevant to the Foundation phase.
- identify and appreciate linguistic, conceptual and aesthetic elements in rhymes and verses relevant to the Foundation phase.
- apply literary theory and use relevant subject terminology in an independent analysis of prescribed English poems.
- apply knowledge of phonetics, morphology and syntax effectively in their own written and spoken communication and facilitate effective language acquisition in the Foundation Phase.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 % 1x3 hour written examination 50 %

Modulekode: LITH112	Semester 1	8 Krediete	NKR-Vlak: 5a

Titel: Geletterdheid in die Huistaal: Afrikaans

Na afloop van hierdie module behoort die student:

- 'n fundamentele kennis rakende uitkomsgebaseerde onderwys, sowel as gepaste onderrig- en leerstrategieë in Afrikaans Huistaal in die konteks van die leerarea Tale te kan demonstreer, soos dit voorkom in die Nasionale Kurrikulumverklaring;
- die vaardighede te demonstreer om gepaste metodes, prosedures en tegnieke toe te pas en te fasiliteer in die onderrig van Luister (Leeruitkoms 1), Praat (Leeruitkoms 2), sowel as Taalstruktuur en -gebruik (Leeruitkoms 6);
- probleemoplossingsvaardighede te demonstreer deur die beplanning en aanbieding van lesse tydens die onderrig van Luister (Leeruitkoms 1), Praat (Leeruitkoms 2), sowel as Taalstruktuur en -gebruik (Leeruitkoms 6);
- waardering te toon vir die bydrae wat uitkomsgebaseerde onderwys en die Nasionale Kurrikulumverklaring lewer in die strewe om kwaliteit onderwys aan al die leerders van Suid-Afrika te voorsien.

Metode van Aflewering:	Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE
Assesseringsmetodes:	Deurlopende assessering 50 % 1x2 uur geskrewe eksamen 50 %

Module Code: LITH113	Semester 1	8 Credits	NQF-Level: 5b

Title: Literacy in the Home Language: English

After you have completed this module, you should:

- be able to demonstrate a fundamental knowledge of outcomes based education, as well as relevant teaching and learning strategies in English Home Language within the context of the learning area Languages, as prescribed by the National Curriculum Statement;
- be able to demonstrate facilitation skills of methods, procedures and techniques relating to the teaching of Listening (Learning Outcome 1), Speaking (Learning Outcome 2), as well as Language Structure and Use (Learning Outcome 6);
- be able to demonstrate problem solving skills by means of planning and presenting lessons during the teaching of Listening (Learning Outcome 1), Speaking (Learning Outcome 2), as well as Language Structure and Use (Learning Outcome 6);
- be able to show appreciation for the contribution that outcomes based education and the National Curriculum Statement makes in order to strive to provide quality education to all learners in South Africa.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x2 hour written examination 50 %

Module Code: LITH114	Semesetara 1	8 Credits	Tekanyo Ya NQF: 5a

Title: Litheresi ya Puo ya Gae: Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- nna le kitso e e tseneletseng ka ga Thuto ya thuto-tota-dipoelo ya Puo ya Gae mo Kgatong ya Motheo le mekgwa ya go ithuta le go ruta le go ka bontsha bokgoni ka mo lekaleng la thuto la Dipuo jaaka go tlhagelela mo Pegelong ya Kharikhulamo ya Bosetšhaba;
- bontsha bokgoni jwa mekgwa, tsamaiso le dithekeniki tse di amanang le go ruta, go Reetsa (Poelothuto ya 1), Bua (Poelothuto ya 2), le Popegopuo le tiriso(Poelothuto ya 6);
- bontsha bokgoni jwa go rarabolola mathata ka go loga maano, go ruta dithuto ka nako ya go ruta ka ga go Reetsa (Poelothuto ya 1) le go Bua(Poelothuto ya 2), Popegopuo le tiriso (Poelothuto ya 6);
- bontsha kgatlhegelo ya seabe sa Thuto ya thuto-tota-dipoelo le go tlhagisetsa Pegelo ya Kharikhulamo ya Bosetšhaba ka maikaelelo a go neela baithuti ba mo Aforikaborwa thuto ya boleng.

MOKGWA WA GO RUTA: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50%
Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50%

Modulekode: LITH222	Semester 2	8 Krediete	NKR-Vlak: 5b

Titel: Geletterdheid in die Huistaal: Afrikaans

Na afloop van hierdie module behoort die student:

- grondige kennis met goeie begrip te demonstreer van beginsels en teorieë rakende die aanleer en ontwikkeling van handskrif en skriftelike kommunikasie sowel as van denke en redenering by grondslagfaseleerders en dit te kan toepas op die leerarea Tale soos dit voorkom in die Nasionale Kurrikulumverklaring;
- kennis van die sleutelaspekte, teorieë en beginsels van die onderrig van handskrif, skriftelike kommunikasie, bevordering van denke en redenering by die grondslagfaseleerders te demonstreer en dit op die onderwyspraktyk kan toepas;
- gepaste onderrig- en leerstrategieë, -metodes, en -tegnieke te kan selekteer en gebruik om hetsy individueel of in groepe, lesse vir die onderrig van handskrif, skriftelike kommunikasie en dink- en redeneeraktiwiteite vir grondslagfaseleerders te beplan en uit te voer; en
- lesbeplanning en -uitvoering aan die hand van gegewe kriteria vir effektiewe uitkomsgebaseerde onderrig, wat interaktiwiteit, media en waardes insluit, te kan analiseer, evalueer en remedieer en samehangend kan weergee.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %
1x2 uur geskrewe eksamen 50 %

Module Code: LITH223	Semester 2	8 Credits	NQF-Level: 5b

Title: Literacy in the Home Language: English
After you have completed this module, you should:

- demonstrate fundamental knowledge with a good understanding of the principles and theories concerning the acquisition of handwriting and written communication, as well as thinking and reasoning skills of the Foundation Phase learners, and be able to apply it in the learning area Languages as prescribed in the National Curriculum Statement;
- demonstrate knowledge of the key aspects, theories and principles in the teaching of handwriting, written communication, enhancement of thinking and reasoning skills of the Foundation Phase learners and be able to apply it in teaching practice;
- plan and apply a suitable selection of teaching and learning strategies, methods and techniques to be used for individuals, or in groups, in lessons for teaching handwriting, written communication as well as thinking and reasoning activities;
- be able to analyse, evaluate and support lesson planning, as well as the application thereof, according to given criteria for effective outcomes based teaching, which includes interaction, media and values.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: LITH224	Semesetara 2	8 Credits	Tekanyo Ya NQF: 5b

Title: Litheresi ya Puo ya Gae: Setswana
Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- nna le kitso e e tseneletseng, e e rulaganeng ka go tlhaloganya sentle nonofiso ya temosi, go nna mo maemong a go ka buisa le litheresi e e simololang go tlhagelela mo Puong ya Gae (Setswana);
- ditiriso le ditirego tse di diregang le go tlhokega mabapi le nonofiso ya temosi, go nna mo maemong a go ka buisa, le litheresi e e simololang go tlhagelela mo Puong ya Gae (Setswana);
- ditlhopho tse di nonofileng le tiriso ya mekgwa. tsamaiso le dithekeniki tse di tlhokegang go netefatsa go ruta go go nonofileng ga nonofiso ya temosi, go nna mo maemong a go ka buisa le litheresi e e simololang go tlhagelela mo Puong ya Gae (Setswana);
- go nna le tshisimogo go ngwana jaaka motho ka tlhaloso ya thulaganyo e e siameng ya setho le maitsholo.

MOKGWA WA GO RUTA: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50 %

Modulekode: LITH312	Semester 1	8 Krediete	NKR-Vlak: 6

Titel: Geletterdheid in die Huistaal: Afrikaans

Na afloop van hierdie module behoort die student:

- 'n volronde en sistematiese kennis met goeie begrip van perseptuele ontwikkeling, ontluikende lees, leesgereedheid en leesteorieë in die Huistaal (Afrikaans) te kan demonstreer;
- essensiële en praktykgerigte prosedures en prosesse met betrekking tot perseptuele ontwikkeling, ontluikende lees, leesgereedheid en leesteorieë in die Huistaal (Afrikaans) te kan demonstreer;
- effektiewe keuses en aanwending van essensiële metodes, prosedures en tegnieke te kies en toe te pas ten einde effektiewe onderrig van perseptuele ontwikkeling, ontluikende lees, leesgereedheid en leesteorieë in die Huistaal (Afrikaans) te kan demonstreer; en
- sensitiwiteit teenoor die kind as unieke wese te demonstreer deur uitdrukking te gee aan 'n eties-verantwoordbare waardesisteem.

Metode van Aflewering: Voltyds,   SWO-AROS,   SWO-CEDAR   Kollege, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %, 1x2 uur geskrewe eksamen 50 %

Module Code: LITH313	Semester 1	8 Credits	NQF-Level: 6

Title: Literacy in the Home Language: English

After you have completed this module, you should:

- be able to demonstrate a well-rounded and systematic knowledge, with good insight, of perceptual development, emergent literacy, reading readiness and reading theory in English Home language;
- be able to demonstrate essential and practice orientated procedures and processes in relation to perceptual development, emergent literacy, reading readiness and reading theory in English Home language;
- be able to demonstrate effective choices and the application of essential methods, procedures and techniques in order to teach perceptual development, emergent literacy, reading readiness and reading theory in English Home language;
- be able to demonstrate sensitivity towards the child as a unique human being by taking ethics and the value system into consideration.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 % 1x2 hour written examination 50 %

Module Code: LITH314	Semesetara 1	8 Credits	Tekanyo Ya NQF: 6

Title: Litheresi ya Puo ya Gae: Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- kgona go supa kitso e e tseneletseng, e e rulaganeng ka tlhaloganyo e e tseneletseng ya nonofiso ya temosi, go nna mo maemong a go ka buisa le teori ya puiso mo Puong ya Gae (Setswana);
- kgona go supa ditiriso le ditirego tse di diregang le go tlhokega mabapi le nonofiso ya temosi, go nna mo maemong a go ka buisa, le teori ya puiso Puong ya Gae (Setswana;
- kgona go supa ditlhopho tse di nonofileng le tiriso ya mekgwa. tsamaiso le dithekeniki tse di tlhokegang gore o rute nonofiso ya temosi, go nna mo maemong a go ka buisa le teori ya puiso mo Puong ya Gae (Setswana);
- go kgona go supa dikamano tse di bonalang tse di siameng le mekgwa mabapi le botlhokwa jwa bokgoni jwa go buisa le go peleta sentle ga moithuti jaaka moithuti wa leruri.

MOKGWA WA GO RUTA: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50 %

Modulekode: LITH422	Semester 2	8 Krediete	NKR-Vlak: 6

Titel: Geletterdheid in die Huistaal: Afrikaans

Na afloop van hierdie module behoort die student:

- 'n volronde en sistematiese kennis met goeie begrip van Leeruitkoms 3, Lees en kyk in die Huistaal (Afrikaans) asook assessering in die geletterdheidsklaskamer in die Grondslagfase te kan demonstreer binne die konteks van die leerarea Tale soos dit voorkom in die Nasionale Kurrikulumverklaring;
- effektiewe keuses en aanwending van essensiële prosedures en tegnieke tydens leesonderrig (Leeruitkoms 3: Lees en Kyk) en assessering daarvan, te kan demonstreer;
- die vermoë te demonstreer om onbekende konkrete en abstrakte probleme en kwessies rakende leesonderrig (Leeruitkoms 3: Lees en kyk) en die assessering daarvan op te los; en
- eties-korrekte houdings en gedrag te demonstreer ten opsigte van die belangrikheid van goeie lees- en spelvermoëns by die student as lewenslange leerder.

Metode van Aflewering: Voltyds, SWO-AROS, SWO-CEDAR Kollege, SWO-NIHE, SBO

Assesseringsmetodes: Deurlopende assessering 50 %
1x2 uur geskrewe eksamen 50 %

193

Module Code: LITH423	Semester 2	8 Credits	NQF-Level: 6

Title: Literacy in the Home Language: English

After you have completed this module, you should:

- be able to demonstrate a well-rounded and systematic knowledge with thorough understanding of Reading and viewing (Learning Outcome 3) in English Home language as well as assessment thereof, within the context of the learning area Languages as prescribed by the National Curriculum Statement;
- demonstrate effective choices and the application of essential procedures and techniques during the teaching of reading (Learning Outcome 3: Reading and viewing) and the assessment thereof in practice;
- be able to demonstrate effective choices and the application of essential procedures and techniques during the teaching of reading (Learning Outcome 3: Reading and viewing) and the assessment thereof; and
- be able to demonstrate ethically concrete relations and behaviour in relation to the importance of good reading and spelling ability by the learner as a life long learner.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: LITH424	Semesetara 2	8 Credits	Tekanyo Ya NQF: 6

Title: Litheresi ya puo ya Gae: Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- kgona go supa kitso e e tseneletseng, e e rulaganeng ka tlhaloganyo e e tlhololo ya Go buisa le go bogela (Poelothuto ya 3) mo puong ya Gae ya Setswana le tekanyetso ya yona go teng ka diteng tsa lekala la thuto ya Dipuo jaaka le tlhagisiwa mo Pegelo ya Kharikhulamo ya bosetšhaba;
- kgona go supa ditlhopho tse di nonofileng le tiriso ya ditsamaiso le dithekeniki tse di nonofileng ka nako ya thuto ya Go buisa le go bogela (Poelothuto ya 3) le tekanyetso ya yona;
- go kgona go supa dikamano tse di bonalang tse di siameng le mokgwa mabapi le botlhokwa jwa bokgoni jwa go buisa le go peleta sentle ga moithuti jaaka moithuti wa leruri

MOKGWA WA GO RUTA: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50%
Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50%

Module Code: LLOD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Life Orientation Methodology: Senior phase
After you have completed this module, you should:
- demonstrate a solid knowledge base of the terminology, rules, concepts, principles, and theories of Life Orientation as learning area in context of the National Curriculum for learners in the Senior phase;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the presentation of the five main focus areas of Life Orientation to learners in the Senior phase;
- demonstrate the ability to use the attained knowledge to solve well-defined problems within a familiar context pertaining to the presentation of the five main focus areas of Life orientation, and present creative lessons for specific application for learners in the Senior phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as orally, related to the presentation of the five main focus areas of Life Orientation to learners in the Senior phase.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: LLOD321	Semester 2	8 Credits	NQF-Level: 6

Title: Life Orientation Methodology: Int phase
After you have completed this module, you should:
- demonstrate a well-rounded and systematic knowledge base of the terminology, rules, concepts, principles, and theories of the presentation of Life Orientation as learning area in context of the National Curriculum to learners in the Intermediate phase;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the presentation of the four main focus areas of Life Orientation to learners in the Intermediate phase;
- demonstrate the ability to use the attained knowledge to solve well-defined but unfamiliar problems pertaining to the four main focus areas of Life Orientation and present creative lessons for specific application for learners in the Intermediate phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the presentation of the four main focus areas of Life Orientation in the Intermediate Phase.

Mode of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: LLOD411	Semester 1	16 Credits	NQF-Level: 6

Title: Life Orientation Methodology: Int phase

After you have completed this module, you should:

- demonstrate a comprehensive and systematic knowledge base of the terminology, rules, concepts, principles, theories, methods and strategies pertaining to the presentation of the four focus areas of Life Orientation in the Intermediate phase.
- demonstrate an ability to interpret, convert, evaluate and apply essential theories, text, methods and strategies pertaining to the presentation of Life Orientation in the Intermediate phase.
- demonstrate the ability to use the attained knowledge to solve unfamiliar, concrete and abstract problems pertaining to the planning and implementation of Life Orientation learning programmes for the Intermediate phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the planning and presentation of Life Orientation in the Intermediate phase.

Mode of Delivery: Full-time, MoA AROS,SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

Module Code: LLOD421	Semester 2	16 Credits	NQF-Level: 6

Title: Life Orientation Methodology: Snr phase

After you have completed this module, you should:

- demonstrate a comprehensive and systematic knowledge base of the terminology, rules, concepts, principles, theories, methods and strategies pertaining to the presentation of the five focus areas of Life Orientation in the Senior Phase.
- demonstrate an ability to interpret, convert, evaluate and apply essential theories, text, methods and strategies pertaining to the presentation of Life Orientation in the Senior Phase.
- demonstrate the ability to use the attained knowledge to solve unfamiliar, concrete and abstract problems pertaining to the planning and implementation of Life Orientation learning programmes for the Senior phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the planning and presentation of Life Orientation in the Senior Phase.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LORD321	Semester 2	8 Credits	NQF-Level: 6

Title: Life Orientation Methodology: FET phase

After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge base of the terminology, rules, concepts, principles, and theories of Life Orientation as learning area in the context of the National Curriculum for learners in the FET phase;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the four main focus areas of Life Orientation namely, personal development, citizenship, physical development and recreation as well as orientation to the world of work for learners in the FET phase;
- demonstrate the ability to use the attained knowledge to solve well-defined, but unfamiliar problems, within a familiar context pertaining to the four main focus areas of Life Orientation and present creative lessons for specific application for learners in the FET phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the four main focus areas of Life Orientation for learners in the FET Phase.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written exam 50 %

Module Code: LORD411	Semester 1	16 Credits	NQF-Level: 6

Title: Life Orientation Methodology: FET phase

After you have completed this module, you should:

- demonstrate a comprehensive and systematic knowledge base of the terminology, rules, concepts, principles, and theories pertaining to the presentation of the four focus areas of Life Orientation in the FET phase;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the presentation of Life Orientation in the FET Phase;
- demonstrate the ability to use the attained knowledge to solve unfamiliar, concrete and abstract problems in the planning and implementation of Life Orientation learning programmes, work schedules, lessons, resources and assessment strategies for the FET phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the planning and presentation of Life Orientation in the FET Phase.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written exam 50 %

Module Code: LORE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Life Orientation: Health Promotion, Personal Development and Wellbeing and Career and Career Choices

After you have completed this module, you should:

- demonstrate a fundamental knowledge base of several approaches, terminology and concepts with regards to the Life Orientation learning outcomes of health promotion, personal development and well-being, and career and career choices;
- identify various themes related to health promotion, personal development and well-being, and career and career choices, based on specific assessment standards of these focus areas in the different phases, and effectively plan activities accordingly to demonstrate a clear understanding of the different approaches, terminology and concepts within the context of Life Orientation;
- demonstrate the ability to use the attained knowledge to solve common problems in lesson planning to apply a variety of themes related to health promotion, personal development and well-being, and career and career choices as indicated in the specific assessment standards of these learning outcomes in the different phases;
- act ethically responsibly and be value-driven in all circumstances and forms of communication, written as well as oral, with regard to the teaching and learning of health promotion, personal development and well-being, and career and career choices in the different phases.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LORE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Life Orientation: Physical development, Social development and Citizenship

After you have completed this module, you should:

- demonstrate a fundamental knowledge base of the terminology, approaches, concepts, principles, and theories pertaining to specific aspects of the Life Orientation learning outcomes of physical development, social development and citizenship;
- identify various physical development and citizenship themes related to specific assessment standards of these focus areas, and effectively plan activities accordingly to demonstrate a clear understanding of the different approaches, terminology and concepts within the context of Life Orientation;
- demonstrate the ability to use the attained knowledge to solve common problems pertaining to lesson planning to apply a variety of physical development, social development and citizenship themes as indicated in the assessment standards of these learning outcomes;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, with regard to the teaching and learning of physical development, social development and citizenship activities.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LORE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Life Orientation: Health Promotion, Personal Development and Wellbeing and Career and Career Choices

After you have completed this module, you should:

- demonstrate a solid knowledge base of the terminology, approaches, concepts, principles, and theories pertaining to specific aspects of the Life Orientation learning outcomes of health promotion, personal development and well-being, and career and career choices;
- identify various themes related to health promotion, personal development and well-being, and career and career choices, based on specific assessment standards of these focus areas in the different phases, and effectively plan activities accordingly to demonstrate a clear understanding of the different approaches, terminology and concepts within the context of Life Orientation;
- demonstrate the ability to use the attained knowledge to solve well-defined problems pertaining to lesson planning to apply a variety of themes related to health promotion, personal development and well-being, and career and career choices as indicated in the specific assessment standards of these learning outcomes in the different phases;
- act ethically, responsibly and be value-driven in all circumstances and forms of communication, written as well as orally, with regard to the teaching and learning of health promotion, personal development and well-being, and career and career choices in the different phases.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College
Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LORE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Life Orientation: Physical Development, Social Development and Citizenship

After you have completed this module, you should:

- demonstrate a solid knowledge base of the terminology, approaches, concepts, principles, and theories pertaining to specific aspects of the Life Orientation learning outcomes of physical development, social development and citizenship;
- identify various physical development, social development and citizenship themes related to specific assessment standards of these focus areas in the different phases, and effectively plan activities accordingly to demonstrate a clear understanding of the different approaches, terminology and concepts within the context of Life Orientation;
- demonstrate the ability to use the attained knowledge to solve well-defined problems pertaining to lesson planning to apply a variety of physical development, social development and citizenship themes as indicated in specific assessment standards of these learning outcomes in the different phases;
- act ethically, responsibly and be value-driven in all circumstances and forms of communication, written as well as oral, with regard to the teaching and learning of physical development, social development and citizenship theme activities in the different phases.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College
Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LORE311	Semester 1	16 Credits	NQF-Level: 6

Title: Life Orientation

After you have completed this module, you should:

- demonstrate a sound academic knowledge and understanding of career and career choices in order to communicate, facilitate, critically analyse and guide learners in order to enter the world of work, relevant employment legislation, how to access it, and deal with unemployment;
- apply a range of skills, evaluate one's own ability to prevent and manage stress, and adapt to change as part of an ongoing healthy lifestyle choice;
- discuss the importance of initiating, building and sustaining positive relationships with family and peers as well as in the workplace and the broader social context;
- investigate the human and environmental factors that cause ill health, accidents, crisis and disasters, and explore appropriate actions to deal with them;
- investigate how unequal power relations between sexes are constructed and how they influence health and well-being, and apply this understanding to work, cultural and social contexts.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LORE321	Semester 2	16 Credits	NQF-Level: 6

Title: Life Orientation

After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge base of the terminology, approaches, concepts, principles, and theories pertaining to specific aspects of the two Life Orientation learning outcomes of physical development and citizenship in the FET phase;
- identify various physical development and citizenship themes related to specific assessment standards of these focus areas in the FET phase, and effectively plan activities accordingly to demonstrate a clear understanding of the different approaches, terminology and concepts within the context of Life Orientation;
- demonstrate the ability to use the attained knowledge to solve well-defined but unfamiliar problems in lesson planning to apply a variety of physical development and citizenship themes as indicated in the specific assessment standards of these learning outcomes in the FET phase;
- act ethically, responsibly and be value-driven in all circumstances and forms of communication, written as well as oral, with regard to the teaching and learning of physical development and citizenship theme activities in the FET Phase.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College

Assessment Mode: Continuous assessment 50 %
1x3 hour written exam 50 %

Module Code: LSFP111	Semester 1	8 Credits	NQF-Level:5a

Title: Learner support: Identification of barriers to learning
On completion of this module, learners should
- demonstrate fundamental knowledge of the theory and practice of learning support in local and global contexts;
- demonstrate fundamental knowledge of the barriers to learning from an ecosystem perspective; and
- demonstrate the competencies to identify individual and social barriers to learning.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x2 hour written exam 50 %

Module Code: LSFP121	Semester 2	8 Credits	NQF-Level: 5a

Title: Learner support: Supporting barriers to learning in the classroom contexts
On completion of this module, learners should
- demonstrate fundamental knowledge of the challenges in the inclusive education classroom;
- demonstrate fundamental knowledge of strategies to support barriers to learning in classroom contexts; and
- apply fundamental knowledge, basic skills and attitudes to develop a classroom support plan for specific barriers to learning.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 % 1x2 hour written exam 50 %

Module Code: LSFP211	Semester 1	8 Credits	NQF-Level: 5b

Title: Learner support: Assessment for learning support
On completion of this module, learners should
- demonstrate solid knowledge of different approaches to assessment;
- demonstrate solid knowledge of individual and systemic assessments for learning support;
- demonstrate solid knowledge of assessment strategies and techniques in assessing for learning support; and
- demonstrate the competency to apply knowledge, basic skills and appropriate attitudes in the development of an assessment plan for specific barriers to learning.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 % 1x2 hour written exam 50 %

Module Code: LSFP221	Semester 2	8 Credits	NQF-Level: 5b

Title: Learner support: Individual support for barriers to learning
On completion of this module, learners should
- demonstrate solid knowledge of different approaches to individual support for barriers to learning.
- demonstrate solid knowledge, skills and attitudes to develop Individual Educational Plans and provide individual support to learners with specific barriers to learning, within the educators' scope of practice.
- demonstrate competence to identify individual support for learners who experience barriers to learning within the macro context.
- demonstrate solid knowledge, skills and attitudes to collaborate effectively with parents, caregivers and support professionals in the provision of individual support for learners who experience barriers to learning.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

Module Code: LSFP311	Semester 1	8 Credits	NQF-Level: 6

Title: Learner support: Applied learning support
On completion of this module the student should:
- demonstrate the competence to integrate well-rounded knowledge skills and attitudes with critical reflective thinking skills to develop an Individual Educational Plan for a learner who experience a specific barrier to learning and facilitate the implementation of the plan.
- demonstrate the competence to integrate well-rounded knowledge skills and attitudes with critical reflective thinking skills to develop a classroom intervention plan and facilitate the implementation of the plan.
- demonstrate the competence to integrate well-rounded knowledge, skills and attitudes to critically evaluate the applicability of the process in the South African context.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

Module Code: LSKA322	Semester 2	8 Credits	NQF-Level: 6

Title: Life Skills Art

After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge base of the visual language in art as applicable to the facilitation of creative art activities in the Foundation phase, and knowledge of the National Curriculum Statement for the learning area Arts and Culture in the Foundation phase;
- identify age-appropriate activities and techniques relevant for child art development and the connection with the facilitation of creative art activities in the Foundation phase; and plan practical activities supporting the coherent and critical understanding of the subject didactics of art, with regard to the practice of art-teaching in the Foundation phase;
- demonstrate applied knowledge in curriculation in the learning area Arts and Culture in the Foundation phase to present and communicate information, ideas and opinions in well-structured arguments, giving evidence of visual research results directed at the facilitation of learners through the integration of information technologies and the informal approach to lesson presentation in art;
- demonstrate ethically responsible behaviour while reflecting on the diversity within the National Curriculum for Arts and Culture in the Foundation phase, through communication and behaviour.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 % 1x2 hour written exam 50 %

Module Code: LSKE321	Semester 2	8 Credits	NQF-Level: 6

Title: Life Skills Environmental Studies

After you have completed this module, you should:

- demonstrate well-rounded and systematic knowledge base of the environment and detailed knowledge of areas of the environment;
- explain and apply essential procedures and processes with regard to the nature and field of environmental studies;
- demonstrate teaching/learning principles applicable to environmental studies and their application in the planning and facilitation of learning experiences for Foundation Phase learners;
- demonstrate sensitivity towards nature and a sense of responsibility for the important role people play in the conservation of the environment by expressing one's own value system.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 % 1x2 hour written exam 50 %

Module Code: LSKH221	Semester 2	8 Credits	NQF-Level: 5b

Title: Life Skills Health Education

After you have completed this module, you should:

- demonstrate a well-rounded and systematic knowledge base of the environment and detailed knowledge of areas of the environment;
- explain and apply essential procedures and processes with regard to the nature and field of environmental studies;
- demonstrate teaching learning principles applicable to environmental studies and the application thereof in the planning and facilitation of learning experiences for Foundation phase learners;
- demonstrate sensitivity towards nature and a sense of responsibility for the important role people play in the conservation of the environment by expressing your own value system.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written exam 50 %

Module Code: LSKM121	Semester 2	8 Credits	NQF-Level: 5a

Title: Life Skills: Music

After you have completed this module, you should:

- demonstrate fundamental knowledge and informed understanding of some of the music concepts, such as rhythm, melody, form, texture, tempo, timbre and dynamics;
- analyse and apply some music activities and skills in which young learners can be involved such as singing, movement, listening, instrumental play, improvisation and reading and writing music, and accompanying school learners on the guitar or African percussion instruments;
- demonstrate an ability to solve well-defined problems in planning appropriate music activities and lessons in the Foundation Phase;
- demonstrate ethically responsible behaviour, while constantly developing your role as a Foundation phase music teacher.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 50 %,
1x2 hour written exam + 1 practical exam 50 %

Module Code: LSKM211	Semester 1	8 Credits	NQF-Level: 5b

Title: Life Skills: Music

After you have completed this module, you should:

- demonstrate a solid knowledge base and sound understanding of music, dance and drama concepts and activities for the Foundation Phase and apply the grouping and clustering of assessment standards in Foundation Phase lessons to demonstrate a better understanding of the application of the NCS;
- critically analyse and synthesise information on the implications of the development of the young learner for music training, apply various didactic principles in music, read and write music, apply these skills creatively in various suitable music activities, play recorder or melodica and accompany more advanced Foundation Phase songs on the guitar or African percussion instruments;
- demonstrate an ability to solve well-defined but unfamiliar problems in planning appropriate music, dance and drama activities and lessons in the Foundation Phase; and
- compare world views and demonstrate own world view while continuously developing their role as Foundation Phase music teacher.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %, 1x2 hour written exam + 1 practical exam 50 %

Module Code: LSKN312	Semester 1	8 Credits	NQF-Level: 6

Title: Life Skills: Nutrition

After you have completed this module, you should:

- demonstrate a well-rounded knowledge base and sound understanding of nutrition for children as a component of Life Skills, including various aspects of nutrition, foods, under-nutrition, over-nutrition, malnutrition and special diets for young learners; various problems regarding aspects of nutrition in the South African context; the impact that nutrition has on the development of the child and an awareness of correct nutrition and a healthy lifestyle;
- demonstrate an ability to solve well-defined but unfamiliar problems using correct procedures and appropriate evidence based on the above-mentioned themes, and to plan activities based on the understanding of ideas and theoretical principles of the themes;
- demonstrate the ability to solve problems in relation to the planning and presentation of lessons and practical sessions within the context of the above-mentioned theory by using basic information technology;
- demonstrate one's own ideas and opinions in well-structured arguments in a professional manner.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 % 1x2 hour written exam 50 %

Module Code: LSKP311	Semester 1	8 Credits	NQF-Level: 6

Title: Life Skills: Physical Education
After you have completed this module, you should:
- demonstrate a well-rounded and systematic knowledge of the perceptual and gross motor development of the Foundation phase learner;
- identify and plan a variety of movement activities supporting the coherent understanding of concepts, ideas, theories, principles and rules of movement development;
- demonstrate the ability to solve well-defined but unfamiliar problems to plan and present scientific and creative movement development lessons for specific application to different age and developmental groups in the Foundation phase, and to identify and address perceptual and gross motor problems and other medical conditions related to movement;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to movement development in the Foundation Phase.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: LSKR111	Semester 1	8 Credits	NQF-Level: 5a

Title: Life Skills: Culture and Religion
After you have completed this module, you should:
- demonstrate fundamental knowledge of Life Orientation as learning area of the Foundation phase;
- demonstrate the ability to apply life skills methods, procedures and techniques to facilitate personal and social skills;
- apply knowledge of different and diverse religious groups to solve problems within a familiar context;
- demonstrate ethically professional conduct and values of tolerance towards the cultural and religious diversity in our society.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written exam 50 %

Module Code: MALA211	Semester 1	16 Credits	NQF-Level: 5b

Title: Learning Area Mathematics: Development of Number Systems

After you have completed this module, you should:

- demonstrate basic knowledge, understanding and insight into the history of the denary number system, other bases, the extension of operations and computational procedures with natural numbers, whole numbers to integers ;
- demonstrate skills to facilitate learning with understanding through the solution of real life situations (problems), implementing various computational procedures;
- be competent to interpret and remediate solutions, models and representations when necessary;
- evaluate the validity of the mathematical representations, models and solutions to problems.

Mode of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 60 %
1x3 hour written exam 40 %

Module Code: MALA221	Semester 2	16 Credits	NQF-Level: 5b

Title: Learning Area Mathematics: Number Systems and Algebra

After you have completed this module, you should:

- demonstrate basic knowledge, understanding and insight regarding the extension of operations and computational procedures, as well as advanced mental strategies (integers to rational and real numbers);
- demonstrate skills to facilitate learning with understanding through the solution of real life situations (problems), in context, implementing various computational procedures;
- be competent to interpret and remediate solutions, models and representations when necessary;
- evaluate the validity of the mathematical representations, models and solutions to problems.

Mode of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 60 %
1x3 hour written exam 40 %

Module Code: MALA311	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Mathematics: Data Handling and Functional Relationships

After you have completed this module, you should:

- demonstrate basic knowledge, understanding and insight regarding advanced number patterns (including sequences and series), elementary functional relationships as well as data handling and the implementing of appropriate technology;
- demonstrate skills to facilitate learning with understanding through the solution of real life situations (problems), implementing various computational procedures;
- be competent to interpret and remediate solutions, models and representations, when necessary;
- evaluate the validity of the mathematical representations, models and solutions to problems.

Mode of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 60 %
1x3 hour written exam 40 %

Module Code: MALA321	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Mathematics: Measurement, space and shape
After you have completed this module, you should:
- demonstrate basic knowledge, understanding and insight regarding Euclidean geometry, spherical geometry (including the discovering and investigations to geometry using 3-D real life objects and 2-D forms);
- demonstrate skills to facilitate learning of geometry with understanding, through the solution of real life situations (problems), implementing appropriate technology;
- be competent to interpret and remediate geometrical solutions, models and representations, when necessary;
- evaluate the validity of the geometrical representations, models and solutions to problems.

Mode of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 60 %
1x3 hour written exam 40 %

Module Code: MATD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Mathematics Methodology: Snr phase
After you have completed this module, you should:
- demonstrate a solid knowledge of teaching/learning approaches in mathematics;
- identify and motivate the role of assessment of and for mathematics learning;
- apply different teaching strategies to plan and present mathematics lessons for Senior phase learners;
- illustrate an appreciation for the value of mathematics in real life.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 60 %
1x2 hour written exam 40 %

Module Code: MATD321	Semester 2	8 Credits	NQF-Level: 6

Title: Mathematics Methodology: Int phase/ FET phase
After you have completed this module, you should:
- demonstrate a well-rounded and systematic knowledge of the structure and content of the school mathematics curriculum with respect to the specific school phase;
- apply key concepts and procedures learnt and taught in school mathematics to plan, and compile a work schedule for a specific grade of this school phase;
- use appropriate technologies to plan and present mathematics lessons for the specific phase learners, giving evidence of theoretical underpinning;
- demonstrate an appreciation for the value of mathematics in real life through communication and behaviour.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode: Continuous assessment 60 %
1x2 hour written exam 40 %

Module Code: MATD411	Semester 1	16 Credits	NQF-Level: 6

Title: Mathematics Methodology: Int phase / FET phase
After you have completed this module, you should:

Outcomes for Intermediate phase
- demonstrate a comprehensive and systematic knowledge of the teaching and learning of mathematics in multilingual Int phase mathematics classrooms;
- demonstrate an appreciation for the value of mathematics in real life through communication and behaviour.

Outcomes for FET
- demonstrate a comprehensive and systematic knowledge of the structure and content of the Mathematical Literacy Curriculum;
- demonstrate the abilities to plan and compile a portfolio for Mathematical Literacy, including a work schedule for a specific grade, lesson plans, and self-developed learning materials;
- apply knowledge of mathematical literacy to plan and present mathematical literacy lessons;
- demonstrate an appreciation for the value of mathematics in real life through communication and behaviour in the class situation.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 60 % 1x3 hour written exam 40 %

Module Code: MATD421	Semester 2	16 Credits	NQF-Level: 6

Title: Mathematics Methodology: Senior phase
After completion of this module, student should:
- demonstrate a comprehensive and systematic knowledge of the structure and content of the school mathematics curriculum applicable to this school phase(s);
- demonstrate the effective use of technology (calculators, graphic calculators, computer programmes) and plan and present mathematics lessons;
- demonstrate an appreciation for the value of mathematics in the world of work in communication and behaviour in the class situation.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 60 % 1x3 hour written exam 40 %

Module Code: MATE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Mathematics for Education: Functions

After completion of this module, student should:

- demonstrate basic knowledge, understanding and insight with respect to the following functions: linear functions, quadratic functions, polynomial functions, absolute value functions, rational functions, trigonometric functions, exponential functions, logarithmic functions and hyperbolic functions;
- demonstrate skills to model real-world situations and related problems, using the functions mentioned both by pen-and-paper methods and by applying suitable computer software;
- be competent to interpret solutions produced by the above-mentioned processes and be able to execute basic operations with the functions, apply compound functions and if possible, determine the inverse of the functions;
- use functions to model real-life situations and problems and to evaluate whether the mathematical solutions are valid.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 60%, 1x3 hour written exam 40 % 1 hour practical exam

Module Code: MATE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Mathematics for Education: Elementary Statistics

After completion of this module, student should:

- demonstrate basic knowledge and insight with respect to elementary statistics and probability;
- demonstrate the ability to determine the probability of an event using an appropriate definition, as well as the ability to gather, organise and represent data;
- apply the rules of probability and statistics to solve real-life problems and interpret data in order to draw conclusions with respect to the research questions, and make informed decisions using suitable computer software calculations and any other matter applicable to the teaching and facilitation of statistics and probability at school-level;
- evaluate the validity of mathematical solutions within the context of real-world situations and to judge the value of the topics in this module with regard to how they fit into the broader framework of mathematics.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 60 % 1x3 hour written exam 40 %

Module Code: MATE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Mathematics for Education: Spherical and Euclidean Geometry

After completion of this module, student should:

- demonstrate solid knowledge, understanding and insight with respect to Euclidean and spherical geometry by studying geometry on the plane and on the sphere;
- demonstrate solid knowledge, understanding and insight with respect to defining and describing conic sections conceptually and algebraically;
- demonstrate skills to compare the spherical proofs and results of theorems and axioms with those of Euclidean geometry; comparing relationships between trigonometry and geometry on the sphere;
- demonstrate skills using suitable computer software to facilitate the modelling of real-word problems;
- be competent to investigate the relationship between spherical geometry and real life situations;
- be competent in applying the theory of conic sections in order to solve real-world problems;
- evaluate the validity of mathematical solutions to real life problems.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 60%, 1x3 hour written exam 40 % 1 hour practical exam

Module Code: MATE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Mathematics for Education: Introductory Algebra

After completion of this module, student should:

- demonstrate solid knowledge, understanding and insight with respect to number systems, mathematical induction, complex numbers, polynomial functions, partial fractions and sequences and series;
- demonstrate skill in performing calculations with the respective number systems and their properties, calculations with polynomial functions, resolving rational polynomial quotients into partial fractions, calculations with sequences and series and describing the behaviour of sequences and series;
- be competent to apply the properties of the respective number systems, prove relationships using mathematical induction, model real world situations using polynomials, use applicable computer software to investigate the behaviour of polynomial functions and series and to model real-word situations using sequences and series;
- be capable to evaluate the validity of mathematical solutions within the context of real-world situations and to judge the value of the topics in this module with regard to how they fit into the broader framework of mathematics.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE
Assessment Mode:	Continuous assessment 60%, 1x3 hour written examination 40 %

Module Code: MATE311	Semester 1	16 Credits	NQF-Level: 6

Title: Mathematics for Education: Calculus

After completion of this module, student should:

- demonstrate advanced knowledge, understanding and insight with respect to limits and continuity, the meanings of the derivative, the meanings of the integral, the midpoint rule, the properties of the definite integral, Riemann sums and the Fundamental Theorem of Differential and Integral Calculus;
- demonstrate skill in the calculation of the derivative from the definition, the derivation of certain differentiation rules, the calculation of a large variety of derivatives, the limit of a Riemann sum and a large variety of indefinite and definite integrals;
- be competent to apply differentiation and integration to analyse the behaviour of functions within real life situations and solve problems where rates of change, area, total change and volume are involved;
- be capable of evaluating the meaning and validity of their analysis or solutions within the context of real life situations.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 60%, 1x3 hour written exam 40 % 1 hour practical exam

Module Code: MATE321	Semester 2	16 Credits	NQF-Level: 6

Title: Mathematics for Education: Linear Algebra

After completion of this module, student should:

- demonstrate advanced knowledge, understanding and insight with respect to the solution of geometrical problems using geometrical vectors, vector operations, the linear dependency of vectors inside a three-dimensional space, bases for systems of vectors, solving systems of linear equations within real life contexts, non-linear equations and non-linear inequalities, algebraic operations with matrices and the application of these matters within the context of real-life situations;
- demonstrate skill in the use of applicable computer software to perform matrix operations and solve linear programs graphically;
- be competent to solve real-life problems using vectors, matrices and linear programming;
- be capable to evaluate the validity of mathematical solutions within the context of real life situations.

Mode of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 60%, 1x3 hour written exam 40 % 1 hour practical exam

Module Code: MATF221	Semester 2	8 Credits	NQF-Level: 5b

Title: Mathematics in Practice: Numbers, Calculations and Data Handling
After completion of this module, student should:

- demonstrate solid knowledge of numbers, number patterns and operations, as well as elementary statistics and probability;
- identify number patterns in a variety of contexts, and be able to make generalisations and also be able to gather, organise, represent data;
- demonstrate the ability to apply this knowledge to solve real-life problems in a variety of contexts, and analyse data from a variety of contexts and use elementary statistics to communicate, critically interpret and draw conclusions from these findings, and make forecasts based on probability;
- demonstrate positive attitudes towards the teaching and learning of mathematics.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 60%,
1x2 hour written examination 40 %
1 x 1 ½ hours practical examination

Module Code: MATF311	Semester 1	8 Credits	NQF-Level: 6

Title: Mathematics in Practice: Geometry in Action
After completion of this module, student should:

- demonstrate well-rounded and systematic knowledge with respect to the properties of and relationships between two-dimensional shapes and three-dimensional solids;
- demonstrate skills in the calculation of area of two-dimensional figures and surface area and volume of three-dimensional solids solution of real-life problems;
- solve real-life problems by implementing these skills, including the use of dynamic computer software (e.g. The Geometer's Sketchpad®);
- evaluate the validity of mathematical solutions within the context of real-life situations.

Mode of Delivery: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

Assessment Mode: Continuous assessment 60%,
1x2 hour written examination 40 %

Module Code: MATL112	Semester 1	16 Credits	NQF-Level: 5a

Title: Mathematical Literacy: Numbers in Context
After completion of this module, student should:

- demonstrate a **fundamental** knowledge of numbers within the context of a Mathematical Literacy Curriculum;
- identify relevant real-life contexts in which to embed the **fundamental** knowledge of numbers;
- demonstrate problem-solving abilities by applying a **fundamental** knowledge of numbers in the mathematisation of real-life situations as well as by using suitable computer software;
- appreciate the role that a **fundamental** knowledge of numbers plays as a tool to make sense of reality.

Mode of Delivery: Full-time, MoA CEDAR College, MoA NIHE

Assessment Mode: Continuous assessment 60%,
1x3 hour written examination 40 %

NOT PRESENTED FROM 2010 ONWARDS

| Module Code: MATL121 | Semester 2 | 16 Credits | NQF-Level: 5a |

Title: Mathematical Literacy: Exploring Geometry
After completion of this module, student should:
- demonstrate a fundamental knowledge of shape, space and measurement within the context of a Mathematical Literacy Curriculum;
- identify relevant real-life contexts in which to embed the fundamental knowledge of shape, space and measurement;
- demonstrate problem-solving abilities by applying a fundamental knowledge of shape, space and measurement in the mathematisation of real-life situations;
- appreciate the role that a fundamental knowledge of shape, space and measurement play as a tool to make sense of reality.

Mode of Delivery: Full-time, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 60%,
1x3 hour written examination 40 %
1 x 1 ½ hour practical exam

NOT PRESENTED FROM 2010 ONWARDS

| Module Code: MATL212 | Semester 1 | 16 Credits | NQF-Level: 5b |

Title: Mathematical Literacy: Exploring Functional Relationships
After completion of this module, student should:
- demonstrate a **solid** knowledge of functional relationships within the context of a Mathematical Literacy Curriculum;
- identify relevant real-life contexts in which to embed the **solid** knowledge of functional relationships;
- demonstrate problem-solving abilities by applying a **solid** knowledge of functional relationships in the mathematisation of real-life situations as well as by using suitable computer software;
- appreciate the role that a **solid** knowledge of functional relationships plays as a tool to make sense of reality.

Mode of Delivery: Full-time, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 60%,
1x3 hour written examination 40 %

NOT PRESENTED FROM 2010 ONWARDS

| Module Code: MATL221 | Semester 2 | 16 Credits | NQF-Level: 5b |

Title: Mathematical Literacy: Statistics in Context
After completion of this module, student should:
- demonstrate a solid knowledge of statistics and probability within the context of a Mathematical Literacy Curriculum;
- identify relevant real-life contexts in which to embed the solid knowledge of statistics and probability;
- demonstrate problem-solving abilities by applying a solid knowledge of statistics and probability in the mathematisation of real-life situations;
- appreciate the role that a solid knowledge of statistics and probability plays as a tool to make sense of reality.

Mode of Delivery: Full-time, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 60%,
1x3 hour written examination 40 %

NOT PRESENTED FROM 2010 ONWARDS

Module Code: MATL311 | **Semester 1** | **16 Credits** | **NQF-Level: 6**

Title: Mathematical Literacy: Functions in Context
After completion of this module, student should:
- demonstrate a well-rounded and systematic knowledge of functions within the context of a Mathematical Literacy Curriculum;
- identify relevant real-life contexts in which to embed the well-rounded and systematic knowledge of functions;
- demonstrate problem solving abilities by applying a well-rounded and systematic knowledge of functions in the mathematisation of real-life situations;
- appreciate the role that a well-rounded knowledge of functions plays as a tool to make sense of reality.

Mode of Delivery: Full-time, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 60%,
1x3 hour written examination 40 %
1 x 1 ½ hour practical exam
NOT PRESENTED FROM 2010 ONWARDS

Module Code: MATL321 | **Semester 2** | **16 Credits** | **NQF-Level: 6**

Title: Mathematical Literacy: Geometry in Context
After completion of this module, student should:
- demonstrate a well-rounded and systematic knowledge of shape, space and measurement within the context of a Mathematical Literacy Curriculum;
- identify relevant real-life contexts in which to embed the well-rounded and systematic knowledge of shape, space and measurement;
- demonstrate problem-solving abilities by applying a well-rounded and systematic knowledge of shape, space and measurement in the mathematisation of real-life situations;
- appreciate the role that a well-rounded knowledge of shape, space and measurement plays as a tool to make sense of reality.

Mode of Delivery: Full-time, MoA CEDAR College, MoA NIHE
Assessment Mode: Continuous assessment 60%,
1x3 hour written examination 40 %
1 x 1 ½ hour practical exam
NOT PRESENTED FROM 2010 ONWARDS

Module Code: MOVD321	Semester 2	8 Credits	NQF-Level: 6

Title: Movement Science Methodology: FET phase

After completion of this module, student should:

- demonstrate a well-rounded and systematic knowledge base of the terminology, rules, concepts, principles, theories, methods and strategies pertaining to lesson presentation in Movement Education, assessment and evaluation in Movement Education and sport, and adaptive Physical Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories, text, methods and strategies pertaining to lesson presentation and the assessment and evaluation of various movement and sport skills as well as other aspects of movement and sport;
- demonstrate the ability to use the attained knowledge to solve well-defined problems regarding Movement Education lesson presentation, programme and lesson modifications following the assessment and evaluation of various movement and sport skills as well as other aspects of movement and sport, and adaptive Physical Education, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the presentation of Movement Education lessons, the assessment and evaluation of various movement and sport skills as well as other aspects of movement and sport, and adaptive Physical Education.

Mode of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50%,
1x2 hour written examination 50 %

Module Code: MOVD411	Semester 1	16 Credits	NQF-Level: 6

Title: Movement Science Methodology: FET Phase

After completion of this module, student should:

- demonstrate a well-rounded and systematic knowledge base of the terminology, rules, concepts, principles, and theories pertaining to the presentation of Movement Education within Life Orientation in the FET phase;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the presentation of Movement Education within Life Orientation in the FET phase;
- demonstrate the ability to use the attained knowledge to solve well-defined but unfamiliar problems pertaining to the planning and implementation of Movement Education within Life Orientation learning programmes, work schedules, lessons, resources and assessment strategies for the FET phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and value-driven in all circumstances and forms of communication, written as well as orally, related to the planning and presentation of Movement Education within Life Orientation in the FET phase.

Method of Delivery: Full-time, MoA AROS, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: MOVE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Movement Science for Education

After completion of this module, student should:

- demonstrate a fundamental knowledge base of the terminology, rules, concepts, principles, and theories pertaining to the theoretical aspects of applied anatomy and physiology of Movement Science as a theoretical foundation, and aquatic-related activities as a practical foundation of Movement Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text to the theoretical aspects of applied anatomy and physiology of Movement Science as a theoretical foundation, and to identify and effectively plan activities related to the teaching of aquatic-related activities;
- demonstrate the ability to use the attained knowledge to solve common problems within a familiar context pertaining to the theoretical aspects of applied anatomy and physiology of Movement Science and to plan and present creative lessons for specific application to the teaching of aquatic-related activities, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the theoretical aspects of applied anatomy and physiology of Movement Science and the teaching of aquatic-related activities.

Method of Delivery: Full-time, MoA AROS

Assessment Mode: Continuous assessment 50 %

                                       1x3 hour written examination 50 %

Module Code: MOVE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Movement Science for Education

After completion of this module, student should:

- demonstrate a fundamental knowledge base of the terminology, rules, concepts, principles, and theories pertaining to the foundation and historical development of Movement Science and sport as a theoretical foundation, and basic gymnastic activities as a practical foundation of Movement Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the foundation and development of Movement Science and sport as a theoretical foundation, and to identify and effectively plan activities related to the teaching of basic gymnastic activities as a practical foundation of Movement Education;
- demonstrate the ability to use the attained knowledge to solve common problems within a familiar context pertaining to the foundation and development of Movement Science and sport and to plan and present creative lessons for specific application to the teaching of gymnastic activities, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the development of Movement Science and sport and the teaching of basic gymnastic activities.

Method of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: MOVE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Movement Science for Education

After completion of this module, student should:

- demonstrate a solid knowledge base of the terminology, rules, concepts, principles, and theories pertaining to exercise science as a theoretical foundation, and educational rhythmic and dance activities as a practical foundation of Movement Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to exercise science as a theoretical foundation, and to identify and effectively plan activities related to the teaching of educational rhythmic and dance activities as a practical foundation of Movement Education;
- demonstrate the ability to use the attained knowledge to solve well-defined problems in exercise science, and to plan and present creative lessons for specific application to the teaching of physical fitness activities and rhythmic and dance activities, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to exercise science and the teaching of physical fitness activities and educational rhythmic and dance activities.

Method of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x3uur geskrewe eksamen 50 %

Module Code: MOVE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Movement Science for Education

After completion of this module, student should:

- demonstrate a solid knowledge base of the terminology, rules, concepts, principles, and theories pertaining to sport management as a theoretical foundation, and progressive sport and games activities as a practical foundation of Movement Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text in sport management as a theoretical foundation, and to identify and effectively plan activities related to the teaching of progressive sport and games activities as a practical foundation of Movement Education;
- demonstrate the ability to use the attained knowledge to solve well-defined problems in sport management, and to plan and present creative lessons for specific application to the teaching of progressive sport and games activities, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to sport management and the teaching of progressive sport and games activities.

Method of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: MOVE311	Semester 1	16 Credits	NQF-Level: 6

Title: Movement Science for Education

After completion of this module, student should:

- demonstrate a well-rounded and comprehensive knowledge base of the terminology, concepts, principles, theories and course of perceptual and gross motor development as well as identification of talent in the school learner before and during the school years, as a theoretical foundation for Movement Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to perceptual and gross motor development and talent identification as a theoretical foundation of Movement Education;
- demonstrate the ability to use the attained knowledge to solve well-defined but unfamiliar problems in the assessment of perceptual and gross motor development, specific motor problems and talent identification, and to plan and present movement activities for remedial purposes with regard to specific motor problems, using appropriate technological skills and giving evidence of theoretical underpinning;
- be ethically responsible and value-driven in all circumstances and forms of communication, written as well as oral, related to motor development, remedial motor development and talent identification.

Method of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: MOVE321	Semester 2	16 Credits	NQF-Level: 6

Title: Movement Science for Education

After completion of this module, student should:

- demonstrate a well-rounded and systematic knowledge base of the terminology, rules, concepts, principles, and theories pertaining to sport injuries as a theoretical foundation; and recreational movement activities as a practical foundation of Movement Education;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to sport injuries as a theoretical foundation, and to identify and effectively plan activities related to the teaching of recreational movement activities as a practical foundation of Movement Education;
- demonstrate the ability to use the attained knowledge to solve unfamiliar, concrete and abstract problems pertaining to sport injuries, and to plan and present creative lessons for specific application to the teaching of recreational movement activities, using appropriate technological skills and giving evidence of theoretical underpinning;
- be ethically responsible and value-driven in all circumstances and forms of communication, written as well as oral, related to sport injuries and the teaching of recreational movement activities.

Method of Delivery:	Full-time, MoA AROS
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: MTED211	Semester 1	8 Credits	NQF-Level: 5b

Title: Mechanical Technology Methodology

After completion of this module, student should:

- demonstrate a fundamental knowledge of the NCS policy of Mechanical Technology in the FET Phase;
- demonstrate the knowledge and skills in problem-based teaching approaches; and
- demonstrate the ability to plan appropriate technology lessons according to the unique methodology of Technology, with and without resources.

Method of Delivery:	Full-time
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: MTED321	Semester 2	8 Credits	NQF-Level: 6

Title: Mechanical Technology Methodology

After completion of this module, student should:

- understand the social contribution of Mechanical Technology with regard to the promotion of a culture of human rights, economic growth, entrepreneurship, sustainability, improving the quality of life and providing solutions that are responsive to individual and community needs;
- identify and solve problems in a Mechanical Technology environment using critical and creative thinking, as well as innovation and ingenuity, among others, in order to develop the creative potential of learners; and
- communicate effectively using verbal, written, visual and graphical as well as electronic communication, and scientific and mathematical skills as applied to Mechanical Technology.

Method of Delivery:	Full-time
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: MTED421	Semester 2	8 Credits	NQF-Level: 6

Title: Mechanical Technology Methodology

After completion of this module, student should:

- organise and manage activities responsibly, and effectively collect, analyse, organise, critically evaluate and present information;
- use science and technology effectively and creatively, showing responsibility towards the environment and the rights and health of others, with particular reference to managing the impact of Mechanical Technology on natural resources, cultural values and socio-economic development;
- demonstrate an understanding of ethical considerations, values and attitudes, which relate to Mechanical Technology; and
- adequately demonstrate the capability to integrate the knowledge and skills acquired in the prerequisite modules in the compilation and presentation of a Mechanical Technology education project.

Method of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: NFPD121	Semester 2	8 Credits	NQF-Level: 5a

Title: Numeracy Methodology

After completion of this module, student should:

- be able to apply a refined and systematic knowledge of problem identification, critical and creative problem solutions and strategies as well as the practical implementation of numbers, calculations, patterns and forms during lesson presentation, as well as the various theories and the roles of the teacher;
- possess the skill to identify and analyse problems, to develop strategies and to apply effective communication in the classroom;
- demonstrate problem-solving skills concerning the planning and presentation of lessons and practical sessions within the context of the theory described above, employing applicable technological aids; and
- demonstrate the basic principles of numeracy in the classroom in an ethically accountable manner as well as the ability to communicate with learners and the community.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: NFPD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Numeracy Methodology

After completion of this module, student should:

- demonstrate a solid and systematic knowledge base concerning the way in which to implement and demonstrate concepts, principles and theories of the following - ; calculations, place values, fractions and geometry during didactic presentation of learning in Numeracy in the Foundation Phase;
- demonstrate the skill and competence to develop problem-solving techniques, related procedures, terminologies and strategies concerning above-mentioned themes in order for effective, responsible communication skills to be applied in the classroom;
- acquire problem-solving skills regarding the planning and presentation of lessons during practical sessions in the context of the theory described above employing applicable technological resources; and
- demonstrate the basic values of numeracy that are required in the classroom context in an ethically professional manner, as well as the ability to communicate with learners and the community.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: NFPD311	Semester 1	8 Credits	NQF-Level: 6

Title: Numeracy Methodology

After completion of this module, student should:

- demonstrate a refined and thorough, systematic knowledge of problem identification, should be able to apply critical and creative strategies and solutions to problems to measurement, data handling, graphs and probability during lesson presentation;
- have various skills in order to develop and implement didactic knowledge in a variety of learning strategies in order to establish effective communication in class;
- be able to develop further, integrated applications of knowledge and skills concerning the planning and implementation of suitable teaching strategies in order to suit the variety of learners in the classroom; and
- demonstrate their own ideas and opinions in an ethically accountable manner by means of well structured arguments.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: NFPD421	Semester 2	16 Credits	NQF-Level: 6

Title: Numeracy Methodology

After completion of this module, student should:

- demonstrate a refined and thorough, systematic knowledge of problem identification, demonstrate a complete knowledge and understanding of how to increase cooperative learning in Numeracy for the Foundation Phase as well as to equip learners with knowledge necessary to handle Numeracy by means of research;
- possess the skill to identify and analyse problems and to develop strategies to help learners with specific problems;
- apply knowledge and skills in an integrated manner so as to effectively apply research conducted in the area of Numeracy in order for teaching to occur; and
- demonstrate the ethically professional values required for Numeracy in the classroom as well as in the community.

Method of Delivery:	Full-time, MoA AROS, MoA CEDAR College,　MOA NIHE
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: NFPF111	Semester 1	8 Credits	NQF-Level: 5a

Title: Numeracy: Introduction to Fundamental Mathematics

After completion of this module, student should:

- have a sound and systematic knowledge of the learning Mathematics and, the necessity of higher order thinking skills in order to understand Mathematics and solve problems (in context),understand what Mathematics, number sense, classification, counting and our base-ten numeration system is
- teach/ facilitate Mathematics with confidence within the context of true-to-life problem solving in the Foundation Phase, interpret and assess the methods/ strategies , models and presentations of learners at school, as an interpreter and designer apply knowledge and insight on acquired teaching and learning strategies, methods and skills during the design of learning experiences in the Learning Program Numeracy in the Foundation Phase;
- apply teaching theories with confidence in his/ her own knowledge of Mathematics, and facilitate, interpret and mediate the solution, presentation and modeling of true-to-life problems, guide all learners at school to nurture the correct attitudes and values towards learning Mathematics.

Method of Delivery:	Full-time, MoA AROS, MoA CEDAR College,　MOA NIHE
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: NFPF221	Semester 2	8 Credits	NQF-Level: 5b

Title: Numeracy: Fundamental Concepts in Number and Number Patterns

After completion of this module, student should:

- demonstrate an in-depth knowledge and insight with respect to the construction of meaning, whole number, as well as fraction algorithms, representation of fractions, building understanding, estimating and application of the four main operations with whole numbers, and be able to predict the difficulties learners might experience;
- teach/facilitate through problem solving, in context, in the Foundation Phase, being able to understand interpret and assess learners' strategies;
- be able to apply their knowledge of mathematics making use of learning theories, facilitating the solution of problems;
- accommodate all learners so that they gain positive attitudes and values towards mathematics;
- demonstrate how and where to implement appropriate technology to develop mathematical concepts and skills.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: NFPF321	Semester 2	16 Credits	NQF-Level: 6

Title: Numeracy: More Fundamental Concepts in Number and Number Patterns and Data Handling

After completion of this module, student should:

- demonstrate solid knowledge and insight with respect to the meaningful extension of concepts regarding fractions (common and decimal), ratios and percentages, to assist learners to develop techniques to solve real-life problems meaningfully;
- demonstrate solid knowledge and insight with respect to data handling and probability;
- teach/facilitate through problem solving, in context, in the Foundation Phase, being able to understand, interpret and assess learners' strategies;
- be able to apply their knowledge of mathematics, making use of learning theories, facilitating the solution problems;
- be able to accommodate all learners so that they gain positive attitudes and values towards mathematics;
- demonstrate how and when to implement the pocket calculator to develop mathematical concepts and skills.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: NFPF411	Semester 1	8 Credits	NQF-Level: 6

Title: Numeracy: More Fundamental Concepts in Number and Number Patterns and Data Handling

After completion of this module, student should:

- demonstrate solid knowledge and insight with respect to measurement, space and shape and learning theories (e.g. Van Hiele's levels of development) regarding geometry;
- demonstrate skills to teach/facilitate geometry through investigation and problem solving, in context, in the Foundation Phase, being able to understand, interpret and assess learners' strategies and representations (models, pictures, and diagrams);
- be able to apply their knowledge of geometry, making use of learning theories, facilitating the solution of geometrical problems;
- be able to accommodate all learners so that they gain positive attitudes and values towards geometry;
- demonstrate how and when to implement appropriate technology (*e.g.*, pocket calculator or computer programmes) to develop mathematical concepts and skills.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: PHSD321	Semester 2	8 Credits	NQF-Level: 6

Title: Physical Sciences Methodology: FET Phase

After completion of this module, student should:

- demonstrate a well-rounded and systematic knowledge of the following:
  - the Physical Science teacher,
  - policy documents applicable to the Physical Sciences,
  - mastering of Physical Sciences, and
  - the scientific method of investigation;
- identify and solve problems within the above-mentioned themes and plan activities which support a comprehensive understanding of ideas, theories, principles and rules within these themes;
- acquire problem-solving skills concerning the planning and presentation of lessons and practical sessions within the context of the above theoretical themes by employing applicable technological resources; and
- demonstrate an appreciation of the ethically professional requirements for and responsibilities of the Physical Science teacher.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %,
1x2 hour written examination 50 %

Module Code: PHSD411	Semester 1	16 Credits	NQF-Level: 6

Title: Physical Sciences Methodology

After completion of this module, student should:

- have a comprehensive and systematic knowledge of the following:
    - fundamental concepts, structure and logical development and coherence of the Physical Sciences;
    - application of content and understanding of Physics and Chemistry in teaching Physical Sciences according to the national Curriculum Statement;
    - planning (subject framework, working schedule and lesson plan);
    - assessment and laboratory techniques;
- be able to identify and solve problems within these themes and to integrate these with relevant disciples, as well as plan activities that support the comprehensive understanding of ideas, theories, principles and rules within these themes in order to demonstrate insight regarding school learners' alternative understanding of concepts of Natural Science and to adjust their teaching strategies accordingly;
- acquire problem-solving skills concerning the planning and presentation of lessons and practical sessions within the context of the above theoretical themes by employing applicable technological resources; and
- demonstrate an appreciation of the philosophical, ethical, moral and environmental perspectives and to apply these to contemporary issues related to the module outcomes.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %, 1x3 hour written examination 50 %

Module Code: PHSE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Physical Sciences for Education: Basic Chemical Principles

After completion of this module, student should:

- have a basic concept of the nature of chemistry and its position in the field of natural science, and should be able to apply and facilitate similar content contained in the school syllabus.
- They should also be able to interact with the content of the module by taking responsibility for their own learning, must plan and execute experiments with the necessary responsibility and safety, as well as communicate the results of experiments in report form.
- Student should also be able to identify various types of chemical reaction, perform stoichiometric calculations in a variety of situations, analyse matter, separate mixtures, and
- make ethical judgments concerning science and the environment.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment 50 % 1x3 hour written examination 50 %

Module Code: PHSE121	Semester 2	16 Credits	NQF-Level: 5a

Title: Physical Sciences for Education: Introductory Mechanics and Optics
After completion of this module, student should:

- **Outcomes of knowledge**
  demonstrate a basic knowledge of motion, laws of motion, the energy associated with motion and the reflection and refraction of light;
- **Outcomes of skills**
  identify and solve relevant practical problems that are related to the motion of objects and the reflection and refraction of light;
- **Outcomes of abilities**
  follow a problem-solving approach in the context of the above content by using the correct technology in planning and execution of lessons and practicals;
- **Outcomes of ethical behaviour**
  demonstrate appreciation for the contribution of local knowledge systems to the Physical Sciences and maintain an ethically responsible attitude towards Physical Science content.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College,   MOA NIHE

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: PHSE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Physical Sciences for Education: Advanced Mechanics and Electricity
After completion of this module, student should:

- **Outcome of knowledge**
  demonstrate a basic knowledge of Newton's Universal Law of Gravity, rotational motion, electro-static's and electro-dynamics;
- **Outcome of skills**
  identify and solve relevant practical problems that are related to gravity, rotational motion of objects, electro-static's and electro-dynamics;
- **Outcome of abilities**
  follow a problem-solving approach in the context of the above content by using the correct technology in planning and execution of lessons and practicals;
- **Outcome of ethical behaviour**
  demonstrate appreciation for the contribution of local knowledge systems to the Physical Sciences and maintain an ethically responsible attitude towards Physical Science content.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College,   MOA NIHE

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: PHSE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Physical Sciences for Education: Atom Structure and Chemical Bonding
After completion of this module, student should:
- demonstrate a well-rounded knowledge of the following themes in Natural Science -: atom structure, electron configuration, chemical bonding, intermolecular forces and the phases of matter and organic chemistry;
- identify and solve problems within the above-mentioned themes and plan activities which support a comprehensive understanding of the ideas, theories and principles within the themes;
- acquire problem-solving skills concerning the planning of lessons and practicals in context of the above-mentioned theoretical themes by means of the using the correct technology;
- demonstrate appreciation of the contribution of indigenous knowledge systems in the pharmacological, bio-ethical issues relating to the above-mentioned content and should demonstrate an ethically accountable attitude towards the content of Physical Sciences.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: PHSE311	Semester 1	16 Credits	NQF-Level: 6

Title: Physical Sciences for Education: Control of Chemical Reactions
After completion of this module, student should:
- have a fundamental knowledge of the following themes in the learning area Natural Sciences: thermodynamics and reaction rate, equilibrium, acids, bases and pH and electrochemistry,
- be able to identify and solve problems within these themes as well as plan activities that support the comprehensive understanding of ideas, theories, principles and rules within these themes;
- acquire problem-solving skills concerning the planning and presentation of lessons and practical sessions within context of the above theoretical themes by employing applicable technological resources; and
- demonstrate appreciation of the contribution of indigenous knowledge systems in the pharmacological, bio-ethical issues relating to the above-mentioned content and should demonstrate an ethically accountable attitude towards the content of Physical Sciences.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: PHSE321	Semester 2	16 Credits	NQF-Level: 6

Title: Physical Sciences for Education: Electricity and Magnetism, Oscillations and Waves
After completion of this module, student should:
- demonstrate a basic and systematic knowledge of magnetic fields and forces, electro-magnetic induction, oscillation and waves, interference phenomena and light quanta;
- identify and solve relevant practical problems that are related to electro-magnetism, oscillation and waves, interference phenomena and light quanta;
- follow a problem-solving approach in the context of the above, using the correct technology in planning and execution of lessons and practicals;
- demonstrate appreciation for the contribution of local knowledge systems to the Physical Sciences and maintain an ethically responsible attitude towards Physical Science content.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: PPSE211	Semester 1	8 Credits	NQF-Level: 5b

Title: Pre-Primary School Education: Literacy
After completion of this module, student should:
- demonstrate basic knowledge, understanding and insight into the holistic development of the learner in the pre-school phase as well as the establishment of an environment at the nursery school which fosters learners' maximum development;
- possess the skill necessary to facilitate learning in early literacy by means of stories, nursery rhymes and verses, as well as art;
- demonstrate competence in finding solutions in the case of learners' experiencing problems in the acquisition of language; and
- realise the value of the development of language and art as part of early development.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: PPSE221	Semester 2	8 Credits	NQF-Level: 5b

Title: Pre-Primary School Education: Numeracy and Science
After completion of this module, student should:
- demonstrate basic knowledge, understanding and insight regarding;
- demonstrate skills to facilitate learning with understanding;
- be competent to interpret and remediate solutions, models and representations when necessary;
- evaluate the validity.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: PPSE411	Semester 1	8 Credits	NQF-Level: 6

Title: Pre-Primary School Education: Grade R

After completion of this module, student should:

- have a well-rounded knowledge of the grade R learner and should know how to curriculate for these learners' in an informal teaching/learning situation;
- demonstrate skills necessary to facilitate preparatory reading, writing, spelling and numeracy learning activities;
- demonstrate competences to find solutions in the case of learners' experiencing problems relating to early literacy and numeracy; and
- demonstrate an appreciation of the informal approach in stimulating Grade R learners.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College,   MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: PPSE421	Semester 2	8 Credits	NQF-Level: 6

Title: Pre-Primary School Education: Organisation and Administration

After completion of this module, student should:

- demonstrate a well-rounded knowledge of the following - the history of pre-school teaching and education (national and international), integration of the 8 learning areas in the development of effective programmes, assessment and parental involvement;
- demonstrate skills relating to the compilation and presentation of an integrated, day programme;
- demonstrate competence in facilitating teaching and learning events and in successfully assessing learners in the teaching learning situation; and
- demonstrate an appreciation of the development of pre-school education as well as the value of parental involvement.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College,   MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: PRTC122	Semester 2	1 Credit	NQF-Level: 5a

Title: Practical Teaching

After completion of this module, student should:

- have a thorough knowledge of the First Year Practical Teaching programme and act according to it;
- have an understanding of and positive attitude towards the promotion and advancement of sport and culture as well as the development of learners in that regard;
- have developed basic knowledge and skills with regard to physical training, coaching and cultural enrichment;
- be able to act responsibly and be value driven in all circumstances ;
- be able to reflect on the course and progress of the practical teaching sessions and be able to make sensible decisions on the basis of that reflection.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment in the first and second semester. The student must comply to all requirements. **[There are no marks. Only a `C` or `NC` (Credit are no credit) are applied.** Visit schools (2 x 3 weeks), class attendance, handing in of documentation and passing of sport course.

Module Code: PRTC123	Semester 2	1 Credit	NQF-Level: 5a

Title: Practical Teaching (Foundation Phase)

After completion of this module, student should:

- have a thorough knowledge of the First Year Practical Teaching programme and act according to it;
- have an understanding of and a positive attitude towards the promotion and advancement of sport and culture as well as the development of learners in that regard;
- have developed basic knowledge and skills with regard to physical training, coaching and cultural enrichment;
- be able to act responsibly and be value driven in all circumstances;
- be able to reflect on the course and progress of the practical teaching sessions and be able to make sensible decisions on the basis of that reflection;
- have developed basic knowledge and skills with regard to Setswana as communication language;
- have a better understanding of the Batswana culture and be better equipped to manage the multi-cultural situation in South-African schools.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment in the first and second semester. The student must comply to all requirements. **[There are no marks. Only a `C` or `NC` (Credit are no credit) are applied.** Visit schools (2 x 3 weeks), class attendance, handing in of documentation, passing of sport course and Setswana course.

Module Code: PRTC222	Semester 2	1 Credit	NQF-Level: 5b

Title: Practical Teaching

After completion of this module, student should:

- have a thorough knowledge of the Second Year Practical Teaching programme and act according to it;
- gained basic knowledge and skills with regard to the principles of maintaining discipline in the classroom, be able to identify problems with regard to discipline and take appropriate steps to resolve them;
- be able to act responsibly and be value driven in all circumstances and on a level as can be expected of second Year student;
- be able to reflect on the course and progress of the practical teaching sessions and be able to make sensible decisions on the basic of that reflection

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College,MOA NIHE, SBET

Assessment Mode: Continuous assessment in the first and second semester. The student must comply to all requirements. **[There are no marks. Only a `C` or `NC` (Credit are no credit) are applied.** Visit schools (2 x 3 weeks), class attendance, handing in of documentation,passing of discipline module and culture course.

Module Code: PRTC322	Semester 2	1 Credit	NQF-Level: 6

Title: Practical Teaching

After completion of this module, student should:

- have a thorough knowledge of the Third Year Practical Teaching programme and act according to it;
- under supervision of a teacher, be able to identify problems with regard to discipline, take appropriate steps to resolve them and in doing so, establish a classroom climate conducive to successful teaching and learning;
- have thorough knowledge of and appropriate skills with regard to administrative and management requirements on a third year level;
- be able to act responsibly and be value driven in all circumstances;
- be able to reflect on the course and progress of the practical teaching sessions and be able to make sensible decisions on the basis of that reflection.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College,MOA NIHE, SBET

Assessment Mode: Continuous assessment in the first and second semester. The student must comply to all requirements. **[There are no marks. Only a `C` or `NC` (Credit are no credit) are applied.** Visit schools (2 x 3 weeks), class attendance, handing in of documentation,and mastering of general organisation- and administration principles of school activities.

Module Code: PRTC422	Semester 2	1 Credit	NQF-Level: 6

Title: Practical Teaching

After completion of this module, student should:

- have a thorough knowledge of the Fourth Year Practical Teaching programme and act according to it;
- independently, be able to identify problems with regard to discipline, take appropriate steps to resolve them and in doing so, establish a classroom climate conducive to successful teaching and learning;
- have thorough knowledge of and appropriate skills with regard to administrative and management requirements of the teaching profession;
- have a thorough knowledge of the aim and functioning of an environment education centre as well as the organizational requirements connected to a visit to such a centre by school learners;
- have gained knowledge of the aim and function of SACE and begun the process of registering on that body;
- be able to act responsibly and be value driven in all circumstances and on a level that can be expected of a teacher;
- be able to reflect on the course and progress of the practical teaching sessions and be able to make sensible decisions on the basis of that reflection.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment in the first and second semester. The student must comply to all requirements. **[There are no marks. Only a `C` or `NC` (Credit are no credit) are applied.** Visit schools (Snr and FET Phase 1x2 weeks observation at a school of their choice, 1x3 weeks and 1x3 weeks), class attendance, handing in of documentation and mastering of general pricniples of mentorship.

Module Code: RESF411	Semester 1	8 Credits	NQF-Level: 6

Title: Research in Education

After completion of this module, student should:

- demonstrate systematic and comprehensive knowledge of research methodology relevant to the field of education;
- plan research applicable to the field of education, supported by the understanding of theoretical underpinnings;
- demonstrate the ability to plan and write a research proposal relevant to the field of education, giving evidence of theoretical underpinnings and using appropriate technology;
- demonstrate and apply basic ethical principles when conducting research in the field of education.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: RESF421	Semester 2	8 Credits	NQF-Level: 6

Title: Research Project
After completion of this module, student should:
- demonstrate their knowledge and skills in research that is based on a sound knowledge base of the subject theory and subject didactics principle to investigate the research problem as formulated in RESF411 by means of an applicable research design and method;
- the unlocking and collecting of information, the organizing and critical analysis of information to write a research report of limited scope;
- the final assessment of this module consists of the assessment of the research report and not the writing of a theoretical examination.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: RSTO421	Semester 2	8 Credits	NQF-Level: 6

Title: Religion Studies: Introduction to world religions
After completion of this module, student should:
- demonstrate a well-rounded and systematic knowledge of the national policy and curriculum Religion Studies;
- identify themes relevant for the understanding of a variety of religions, reflect critically and constructively on topical issues in a diverse religious society in South Africa and apply such insights ;
- research religion as a social phenomenon.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: SECF122	Semesetara 2	8 Credits	Tekanyo Ya NQF: 5a

Title: Setswana (M) Tlhaeletsana ya Setswana
Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:
- supa motheo wa kitso ya melao ya mopeleto mo Setswaneng jaaka puo;
- supa bokgoni jwa go tlhama ditiragatso tse di nonofisang bokgoni jwa puo jwa baithuti ba kwa sekolong;
- supa motheo wa kitso ya teori ya ga Roman Jakobson le go e dirisa mo tlhaeletsanong ya letsatsi le letsatsi le mo sekolong;
- supa motheo wa kitso sa Batswana mo setšhabeng sa setsontsi;
- supa bokgoni jwa go dirisa teori ya bokgoni jwa go reetsa le go bua.

MOKGWA WA GO RUTA: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50 %

234

Module Code: SECF123	Semester 2	8 Credits	NQF-Level: 5a

Title: Setswana (NM) Communication

After completion of this module, student should:

- demonstrate knowledge of basic vocabulary, functions, grammar and Setswana skills in selected situations and should construct knowledge of various aspects of Batswana culture;
- be able to apply the basic vocabulary, functions, grammar and skills in order to form commands, requests and basic dialogues;
- demonstrate basic reading, listening, writing and speaking skills in Setswana within the school situation; and
- understand Batswana language and culture in order to understand and handle the multicultural situation in schools better and act in an ethically correct fashion in the teaching situation with the necessary sensitivity towards cultural differences.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: SECF412	Semesetara 1	8 Credits	Tekanyo Ya NQF: 6

Title: Setswana (M) Tlhaeletsana ya Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- supetsa bokgoni jwa go tlhaeletsana ka matsetseleko mo mabakeng a a farologaneng;
- supa kitso e e lotaganeng ya teori ya thekesonomi ya ga Bloom le go e dirisa mo dithutong tsa sekolo tse farologaneng.
- supa kitso e e lotaganeng ya setso sa Batswana mo togamaanong ya setšhaba se setsontsi.

MOKGWA WA GO RUTA: Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50 %

Module Code: SECF413	Semester 1	8 Credits	NQF-Level: 6

Title: Setswana (NM) Communication

After completion of this module, student should:

- demonstrate more advanced knowledge of basic school vocabulary, functions and skills of Setswana and must build up knowledge about different aspects of the Batswana Culture and must be able to communicate in Setswana at school;
- master more advanced vocabulary, functions and skills to be able to utilize them to form interrogatives and requests and basic dialogues in the school environment;
- have competent reading, listening, writing and speaking skills in Setswana within the school environment;
- grasp the Batswana language and culture to be able to understand and handle the multi-cultural situation at schools and to act ethically correct in the educational situation with the necessary sensitivity for cultural differences.

Method of Delivery: Full-time, MoA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: SEMD211	Semesetara 1	8 Credits	Tekanyo Ya NQF: 5b

Title: Setswana (M) Didaktiki ya Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:
- supetsa kitso e e tletseng ya teori ya OBE mo phaposiborutelong;
- supetsa mekgwa ya go ruta le go ithuta puo ya SeAforika mo phaposiborutelong;
- rulaganya le go diragatsa maitemogelo a thuto mo mophatong o o rileng.
- supetsa go tlhaloganya dikarolo tse supa tsa morutabana.
- tlhama ditiragatso tsa go ithutela go nonofisa bokgoni jo bo farologaneng jwa puo; le
- supetsa pharologanyo magareng a puo ya gae, puo ya bobedi le ya boraro.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

                                            Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50 %

Module Code: SEMD321	Semesetara 2	8 Credits	Tekanyo Ya NQF: 6

Title: Setswana (M) Didaktiki ya Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:
- Go supetsa kitso e e tletseng e e rulaganeng ya mekgwa le ditsela tse di farologaneng tsa tekanyetso;
- Go supetsa go tlhoganya tiriso le tiragatso ya maemo a tekanyetso mo phaposiborutelong jwa thuto ya puo;
- Supetsa bokgoni jwa go tlhama le go tshola direkoto tsa tsotlhe tsa tekanyetso;
- Go supetsa bokgoni jwa rulaganya le go tlhama ditiragatso tse di nonofisang bokgoni jwa go akanya le go neela mabaka; le
- Go supetsa bokgoni jwa go tlhaeletsana ka Setswana se se siameng.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

                                            Diura tsa tlhatlhobo e e kwadiwang 1x2 ke 50 %

Module Code: SEMD411	Semesetara 1	16 Credits	Tekanyo Ya NQF: 6

Title: Setswana (M) Didaktiki ya Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:
- go supetsa kitso e e tletseng ya ditheo tsa OBE mo phaposiborutelong;
- go supetsa mekgwa ya go ruta le go ithuta puo ya Seaforika mo phaposiborutelong;
- go rulaganya le go diragatsa maitemogelo a thuto mo mophatong o o rileng;
- go supa go tlhaloganya dikarolo tse supa tsa morutabana;
- go tlhama ditiragatso tsa go ithuta go nonofisa bokgoni jwa puo mo dikgatong tse di farologaneng
- go supa pharologanyo magareng a puo ya gae, puo ya bobedi le ya boraro;
- go supetsa kitso e e lotaganeng e e rulaganeng ya mekgwa le ditsle atse di farologaneng tsa tekanyetso;
- go supa go tlhaloganya tiro le tiriso ya maemo a tekanyetso mo phaposiborutelong jwa puo;
- go supa bokgoni jwa go tlhama le go tshola direkoto tsa tekanyetso;
- go supa nokgoni jwa go rulaganya le go tlhama ditiragatso tse di nonofisang bokgoni jwa go akanya le go neela mabaka; le
- supa bokgoni jwa go tlhaeletsana ka Setswana.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

                                            Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEMD421	Semesetara 2	16 Credits	Tekanyo Ya NQF: 6

Title: Setswana (M) Didaktiki ya Setswana

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- supetsa kitso e e lotaganeng e e rulaganeng ya lenaanethuto le sejulu ya tiro ya thuto ya puo ya Setswana;
- supetsa kitso e e lotaganeng e e rulaganeng ya diteori tsa go ruta thutapuo ka tiriso ya mekgwa ya OBE mo mophatong o o rileng;
- supetsa bokgoni jwa go fedisa bothata mo rulaganya maitemogelo a thuto le go dirisa didiriswa tse di maleba;
- supetsa le go tlhatlhoba mekgwa ya go ruta thutapuo ka tiriso ya ditlhangwa;
- supa bokgoni jwa go tshola thuto ya Setswana le go dirisa maemo a tekanyetso a a siameng go lekanyetsa thutapuo ya thutapuo ya Setswana le go dirisa mekgwa le ditsela tsa tekanyetso tse di maleba;
- supa bokgoni jwa go ruta thutapuo ka tiriso ya ditlhangwa;
- supetsa nonofo ya bokgoni jwa puo mo tirosong ya tlhaeletsano;
- supetsa bokgoni jwa go rulaganya maitemogelo a thuto a thutaitlhangwa le go a lekanyetsa; le
- supetsa go iteka go tsweletsa porojeke ya patlisiso mo go ruteng ditlhangwa.

MOKGWA WA GO RUTA: Full-time
MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
                                 Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEME111	Semesetara 1	16 Credits	Tekanyo Ya NQF: 5a

Title: Setswana for Education (M)

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- Supetsa motheo wa kitso ya melebo ya ditlhangwa le go e tlhalosa;
- Supa melebo ya ditlhangwa e e maleba mo tshekatshekong ya setlhangwa se se rileng le go supetsa motheo wa bokgoni le bokgoni jwa go e tlhatlhoba; le
- Supetsa le go tlhatlhoba kgodiso ya nonofo ya history ya Setswana.

MOKGWA WA GO RUTA: Full-time
MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
                                 Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEME121	Semesetara 2	16 Credits	Tekanyo Ya NQF: 5a

Title: Setswana for Education (M)

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- supa kitso e e bonalang ya mefuta e e farologaneng ya dikanelo tsa ditlhangwa tsa setswana le ditema tsa tsona (tse di buiwang le tsa segompieno);
- supa ditema tse di maleba go setso sa Batswana mo setšhabeng se se setsontsi le go di sekaseka ka go dirisa melebo e e maleba; le
- supetsa motheo wa kitso ya dipharologanyo magareng a kanelo e e buiwang le ya segompieno mo teng ga lemorago la setsontsi.

MOKGWA WA GO RUTA: Full-time
MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %
                                 Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEME211	Semesetara 1	16 Credits	Tekanyo Ya NQF: 5b

Title: Setswana for Education (M)

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- go supa kitso e e tletseng ya kgolo ya poko ya Setswana le go farologanya magareng a poko ya Setswana le dikanelo;
- go supa kitso e e tletseng ya dintlha tsa teori tsa poko le go di dirisa mo phaposiborutelong mo mephatong e e maleba;
- go supa bokgoni jwa go sekaseka le go tlhatlhoba poko ya Setswana ka tsenelelo ka go dirisa melebo ya ditlhangwa e e maleba; le
- go supa kitso e e tletseng ya mofoloji, semantiki le popapolelo ya Setswana le bokgoni jwa di ruta mo mophatong o o rileng.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

                                                Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEME221	Semesetara 2	16 Credits	Tekanyo Ya NQF: 5b

Title: Setswana for Education (M)

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- go supa kitso e e tletseng ya dintlha tsa teori ya fonetiki le fonoloji ya Setswana;
- go bapisa le go farologanya mafoko a Setswana le dipuo tse dingwe tsa Sesotho ka sefonetiki le sefonoloji;
- supetsa bokgoni jwa go dumisa le go kwala mafoko a Setswana ka nepo le go a ruta mo phaposiborutelong mo mophatong o o rileng.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

                                                Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEME311	Semesetara 1	16 Credits	Tekanyo Ya NQF: 6

Title: Setswana for Education (M)

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- go supa kitso e e tletseng e e rulagantshweng ya kgolo ya nonofo ya terama ya Setswana le ditema tse farologaneng tsa dikgato tse di farologaneng tsa nonofo ya terama;
- go supa kitso e e tletseng e e rulagantshweng ya dintlha tsa teori terama;
- go supetsa bokgoni jwa go rarabolola bothata ka go rarabolola kgotlhang e e tlhagelelang mo setlhangweng sa terama; le
- go supetsa bokgoni jo bo tseneletseng mo go diriseng melebo ya ditlhangwa mo tshekatshekong ya ka tsenelelo ya diterama tsa Setswana.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

                                                Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEME321	Semesetara 2	16 Credits	Tekanyo Ya NQF: 6

Title: Setswana for Education (M)

Morago ga go fetsa mojulu o, baithuti ba tshwanetse go:

- go supetsa kitso e e tletseng e e rulagantshweng ya mosola wa puo mo phaposiborutelong le mo setšhabeng, bogolosegolo Setswana jaaka puo ya gae;
- go supetsa kitso e e tletseng e e rulagantshweng ya dintlha tsa puoloago ka go leba Setswana;
- go supetsa le go tlhatlhoba sebaka sa Setswana jaaka nngwe ya dipuo tsa Aforika Borwa; le
- go dirisa dintlha tsa teori ya melebo ya ditlhangwa mo go kwaleng dikanelo tse di khuthswane, terama kgotsa maboko a tema e e rileng.

MOKGWA WA GO RUTA: Full-time

MEKGWA YA GO TLHATLHOBA: Tlhatlhobo e e tswelelang 50 %

Diura tsa tlhatlhobo e e kwadiwang 1x3 ke 50 %

Module Code: SEND211	Semester 1	8 Credits	NQF-Level: 5b

Title: Setswana (NM) Methodology

After completion of this module, student should:

- know the approaches to teaching African languages as well as the correct approach to the teaching of Setswana and should prove the acquisition of knowledge concerning Setswana as elective;
- be familiar with the policy documents and manuals of the Department of Education and should know how to apply these;
- demonstrate competence to apply the approach and to employ documents in order to plan and present lessons; and
- acquire the ability to become a responsible teacher in that lessons are thoroughly planned and subsequently presented.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: SEND321	Semester 2	8 Credits	NQF-Level: 6

Title: Setswana (NM) Methodology

After completion of this module, student should:

- demonstrate solid knowledge of the planning of learning programmes, work schedules and complete lesson plans and assessment of Setswana 2nd additional language and acquired subject knowledge of Setswana;
- demonstrate skills necessary to plan learning programmes, work schedules and assessment for Setswana 2nd additional language concerning the types, manners and means of assessment in the Setswana classroom;
- show competence in various aspects of lesson planning and assessment; and
- develop values to plan responsibly and assess fairly.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: SEND411	Semester 1	16 Credits	NQF-Level: 6

Title: Setswana (NM) Methodology

After completion of this module, student should:

- demonstrate knowledge of teaching methods of linguistics and the various pitfalls and to prevent these; and should also know methods and techniques in the compilation of language and literature tests, exams and memoranda and should know literary theory;
- be able to teach language and literature and be able to compile tests, exams and memoranda;
- demonstrate competence to plan and present language and literature lessons in such a way that oral and reading skills are also addressed; and
- assess language and literature fairly and objectively and should know how to act in a remedial manner when necessary.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: SEND421	Semester 2	16 Credits	NQF-Level: 6

Title: Setswana (NM) Methodology

After completion of this module, student should:

- demonstrate knowledge of the administration of the Setswana Classroom and should be aware of all the ways in which to conduct recording of learner profiles and assessment, should understand differentiation and integration, know requirements of resources and language games as well as various media of RGO in the teaching of language and theories concerning the rules of excursions;
- demonstrate skills and competence in the administration of the Setswana classroom as well as the ways in which to conduct recording of learner profiles and all assessment, should show differentiation and integration in lesson planning and presentation as well as be able to create required resources and language games, should be able to correctly apply the various media of RGO in teaching languages and should be able to plan and handle an imaginary excursion; and
- be able to conduct recording correctly and in a just manner and be able to differentiate and integrate with the necessary empathy and should be able to always fulfil a parent's role responsibly.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: SENE111	Semester 1	16 Credits	NQF-Level: 5a

Title: Setswana for Education (NM)

After completion of this module, student should:

- know introductory grammatical theory of words and basic sentences , sounds and pronunciation of Setswana, as well as knowledge of the Setswana culture and demonstrate a functional school-based vocabulary of 300 words;
- master basic reading, listening, writing and speaking skills.
- demonstrate the necessary competence to explain acquired knowledge to other learners and to communicate in Setswana in an elementary manner;
- demonstrate punctuality and responsibility in the completion of assignments and the promotion of cross-cultural communication and racial relationships.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x3 hour written examination 50 %

Module Code: SENE121	Semester 1	16 Credits	NQF-Level: 5a

Title: Setswana for Education (NM)

After completion of this module, student should:

- know further introductory grammar theories of words and extended sentences as well as further construct knowledge of the Setswana culture and attain a functional school-based vocabulary of 400 words;
- master basic reading, listening, writing and speaking skills;
- attain the competence required to explain acquired knowledge to other learners and to communicate confidently in Setswana at a basic level;
- demonstrate punctuality and responsibility in the completion of assignments and the promotion of cross-cultural communication and racial relations. .

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: SENE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Setswana for Education (NM)

After completion of this module, student should:

- demonstrate solid knowledge of the development of Setswana poetry and differentiate between Setswana poetry and narratives;
- demonstrate solid knowledge of the theoretical aspects of poetry and apply it in the classroom in relevant phases;
- demonstrate the ability to analyse and evaluate Setswana poetry critically by applying the relevant literary theories; and
- demonstrate solid knowledge of Setswana morphology, semantics and syntax and the ability to teach them in a particular educational phase.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: SENE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Setswana for Education (NM)

After completion of this module, student should:

- know advanced grammar theories of extended sentences as well as further knowledge of the Setswana culture and attain a functional school-based vocabulary of 600 words;
- master reasonable reading, listening, writing and speaking skills;
- attain the competence required to explain acquired knowledge to other learners and to communicate confidently in Setswana at a higher level and to write longer compositions; and
- demonstrate punctuality and responsibility in the completion of assignments and the promotion of cross-cultural communication and racial relations.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: SENE311	Semester 1	16 Credits	NQF-Level: 6

Title: Setswana for Education (NM)

After completion of this module, student should:

- demonstrate knowledge of Setswana morphology, parts of speech and selected traditional literature and attain a functional school-based vocabulary of 700 words;
- demonstrate the skills to classify words and parts of speech in sub-categories and to discuss and analyse the structure of these parts of speech, and should structurally analyse selected traditional literature from a cultural point of view;
- develop competence to read, listen to, write and verbally communicate basic dialogues and to explain acquired knowledge to other learners, and be able to communicate in Setswana at a more advanced level and write longer compositions in Setswana; and
- demonstrate punctuality and responsibility in the completion of assignments and the promotion of cross-cultural communication and racial relations.

Method of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: SENE321	Semester 2	16 Credits	NQF-Level: 6

Title: Setswana for Education (NM)

After completion of this module, student should:

- demonstrate knowledge of Setswana parts of speech and word-group types, the structure of Setswana sentences, the theory of prose and drama, and should attain a functional school-based vocabulary of 700-1000 words;
- discuss and analyse the structure of the simple and compound sentences in Setswana, understand the personal, social and cultural values of Setswana speakers as language and written literature and to structurally analyse the content of selected texts;
- use acquired knowledge inside and outside the school situation in verbal communication, and longer compositions and essays in Setswana; and
- act in an ethical manner in the Setswana teaching situation with the necessary sensitivity towards cultural differences.

Method of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: SESE121	Semester 2	8 Credits	NQF-Level: 5a

Title: Introduction to Learning Area Economic Sciences

After completion of this module, student should:

- demonstrate a comprehensive, fundamental knowledge base of important terms, principles and theories with reference to the learning area Economic and Management Sciences;
- gather, organise and demonstrate an informed understanding of the key aspects related to Business Studies, Accounting, Economics and Entrepreneurship;
- effectively execute assignments individually or as part of a group and creatively solve problems in future-orientated business fields; and
- present related information coherently and reliably to the learners in the EMS class according to set norms and values.

Method of Delivery: Full-time
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: SLOE111	Semester 1	8 Credits	NQF-Level: 5a

Title: Introduction to Learning Area Life Orientation

After completion of this module, student should:

- demonstrate a fundamental knowledge base of the terminology, rules, concepts, principles, and theories of Life Orientation as learning area in the context of the National Curriculum for learners in the Senior Phase;
- demonstrate an ability to interpret, convert, evaluate and apply essential theories and text pertaining to the five main focus areas of Life Orientation for learners in the Senior Phase;
- demonstrate the ability to use the attained knowledge to solve common problems within a familiar context pertaining to the five main focus areas of Life Orientation and present creative lessons for specific application for learners in the Senior Phase, using appropriate technological skills and giving evidence of theoretical underpinning;
- act ethically responsible and be value-driven in all circumstances and forms of communication, written as well as oral, related to the five main focus areas of Life Orientation for learners in the Senior Phase

Method of Delivery:	Full-time
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: SMLO421	Semester 2	8 Credits	NQF-Level: 6

Title: School Media Librarianship

After completion of this module, student should:

- demonstrate knowledge of the field, concepts, elements, roles and requirements of the school library within OBE;
- identify and explain the educational purposes of the school library with the focus on its integration within the OBE curriculum;
- use appropriate techniques in the administration, management and advocacy of a school library;
- design and evaluate a school library policy by using certain criteria.

Method of Delivery:	Full-time, MOA AROS, MoA CEDAR College, MOA NIHE, SBET
Assessment Mode:	Continuous assessment 50 %
	1x3 hour written examination 50 %

Module Code: SNSE111	Semester 1	8 Credits	NQF-Level: 5a

Title: Introduction to Learning Area Natural Sciences

After completion of this module, student should:

- have a fundamental knowledge of the following themes in the learning area Natural Sciences - matter and materials, life and living, earth and beyond, and energy and change;
- be able to identify and solve problems within these themes as well as plan activities that support the comprehensive understanding of ideas, theories, principles and rules within these themes;
- acquire problem-solving skills concerning the planning and presentation of lessons and practical sessions within the context of the theoretical themes above, by employing applicable technological resources; and
- demonstrate appreciation of the contribution of indigenous knowledge systems in the pharmacological, bio-ethical issues relating to the above-mentioned content, and should demonstrate an ethically accountable attitude towards the content of the learning area Natural Sciences.

Method of Delivery: Full-time, MOA AROS

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: SSSE111	Semester 1	8 Credits	NQF-Level: 5a

Title: Introduction to the Learning Area Social Sciences

After completion of this module, student should:

- demonstrate fundamental knowledge and a good understanding of the Learning Area Social Sciences in the context of the National Curriculum Statement;
- demonstrate the skill of scrutinizing themes relevant to Geography and History related to the environment and multicultural communities and plan activities supporting the coherent understanding of concepts and issues in order to communicate these verbally or in writing;
- demonstrate the competence of problem-solving abilities to plan and present tasks for specific application to the two disciplines of the Learning Area Social Sciences using appropriate technologies and giving evidence of theoretical underpinning; and
- demonstrate values of an ethically professional nature with regard to interrelationships between the environment and society as in compliance with the *Manifesto on Values, Education and Democracy.*

Method of Delivery: Full-time, MOA AROS

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: STEE121	Semester 2	8 Credits	NQF-Level: 5a

Title: Introduction to Learning Area Technology
After completion of this module, student should:
- demonstrate a basic knowledge of the learning area Technology in the South African school system by explaining the definition, purpose, unique properties and scope of the learning area;
- communicate a comprehensive knowledge of all three learning outcomes and assessment standards of the learning area Technology; and
- demonstrate the principles of outcomes-based assessment as applied in the unique methodology in the learning area Technology.

Method of Delivery: Full-time, MOA AROS
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: TECD211	Semester 1	8 Credits	NQF-Level: 5b

Title: Learning Area Technology Methodology: Senior phase
After completion of this module, student should:
- demonstrate a fundamental knowledge of the NCS policy for the learning area Technology;
- explain the rationale of Technology education in schools, as well as the realities faced by South African schools regarding the teaching of Technology;
- demonstrate the ability to plan appropriate technology lessons according to the unique methodology of Technology; and
- apply their knowledge of the types of assessment used in Technology lessons.

Method of Delivery: Full-time, MOA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: TECD321	Semester 2	8 Credits	NQF-Level: 6

Title: Learning Area Technology Methodology: Int phase
After completion of this module, student should:
- demonstrate a solid knowledge of the NCS policy for the learning area Technology in the Intermediate Phase;
- apply their knowledge and skills in problem-based teaching approaches when demonstrating the ability to plan appropriate Technology lessons according to the unique methodology of Technology, with and without resources;
- demonstrate appropriate knowledge of the types of assessment used in Technology lessons by applying it in the Intermediate Phase;
- use creative and critical thinking in the choice of, design and making of appropriate media for Technology teaching; and
- apply appropriate knowledge and skills in practical teaching.

Method of Delivery: Full-time, MOA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: TECD411	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Technology Methodology: Int phase
After completion of this module, student should:
- demonstrate a well-rounded and systematic knowledge base regarding curriculum development in the learning area Technology;
- apply and discuss suitable types of assessment strategies in the different task types of a Technology lesson;
- demonstrate an understanding of the nature and practice of organising and management skills in Technology classroom management;
- present and communicate the process of designing and compiling portfolios for both learners and educators in Technology; and
- demonstrate an awareness and understanding of the safety aspects applicable to workshops, practical centres and Technology classrooms as they should be applied throughout technology teaching and learning.

Method of Delivery: Full-time, MOA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: TECD421	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Technology Methodology: Senior phase
After completion of this module, student should:
- demonstrate competence regarding curriculum development in the learning area Technology for the Senior Phase by applying suitable types of teaching and assessment strategy in the different task types of a Technology lesson;
- demonstrate a coherent and critical understanding of the nature and practice of organising and managing skills in Technology classroom management, with specific reference to workshops for the planning and conducting of practical lessons in the Senior Phase; and
- demonstrate the capability to integrate the knowledge and skills acquired in the prerequisite modules in the compilation and presentation of a Technology education project.

Method of Delivery: Full-time, MOA AROS, SBET
Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: TECE211	Semester 1	16 Credits	NQF-Level: 5b

Title: Learning Area Technology: For Educators
After completion of this module, student should:
- demonstrate a fundamental knowledge of the learning area Technology in the South African school system by explaining the definition, purpose, unique properties and scope of the learning area Technology;
- demonstrate a comprehensive knowledge of the design process as applied in the problem-solving nature of technology, as well as explain the relevance of the design process in teaching technology; and
- demonstrate a basic knowledge of information and communication technology to be able to access, process and use information in the most appropriate ways.

Method of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

246

Module Code: TECE221	Semester 2	16 Credits	NQF-Level: 5b

Title: Learning Area Technology: Communication and Structures
After completion of this module, student should:
- an understanding of the technological process (design process) as applied in problem solving;
- comprehensive knowledge of structures and relevant mechanisms, as well as the characteristics and uses of resistant materials;
- relevant knowledge and skills of graphic and information communication in technological product design; and
- how the above-mentioned outcomes can be applied in problem-based teaching and with reference to indigenous technology.

Method of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: TECE311	Semester 1	16 Credits	NQF-Level: 6

Title: Learning Area Technology: Processing
After completion of this module, student should:
- demonstrate a well-rounded knowledge and understanding of the processing of materials as part of the technological process;
- apply specialist knowledge of the character and uses of soft materials;
- demonstrate a good understanding of the role of biotechnology in modern society;
- interpret and apply the above-mentioned outcomes in problem-based teaching and with reference to indigenous technology.

Method of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: TECE321	Semester 2	16 Credits	NQF-Level: 6

Title: Learning Area Technology: Systems and Control
After completion of this module, student should:
- demonstrate skills and conception regarding the different types of control systems;
- analyse, compare, integrate and evaluate electrical, mechanical, pneumatic and hydraulic control systems;
- design and build their own control system to solve a specific problem;
- identify and use indigenous control systems; and
- successfully facilitate control systems to school learners.

Method of Delivery: Full-time, SBET
Assessment Mode: Continuous assessment 50 %
1x3 hour written examination 50 %

Module Code: TECF321	Semester 2	8 Credits	NQF-Level: 6

Title: Technology Studies

After completion of this module, student should:

- demonstrate problem-solving skills by applying the design process to technological problems and needs;
- demonstrate a fundamental understanding of, and the ability to apply appropriate technological knowledge, skills and values; and
- demonstrate a critical understanding and appreciation for the interrelationship between technology, society, economy and the environment.

Method of Delivery: Full-time, MOA AROS, MoA CEDAR College,   MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: TEWE111	Semester 1	8 Credits	NQF-Level: 5a

Title: Welding Technology

After completion of this module, student should:

- demonstrate a basic knowledge, concept and insight regarding all contextual ideas and processes of safety measurements and good house holding in welding technology;
- practically demonstrate and describe the uses and maintenance of specific hand tools and machinery;
- describe the construction, characteristics, treatment, protection and tests of different kinds of engineering materials;
- practically describe and demonstrate all related concepts of oxyacetylene welding;
- use the correct terminology through all welding and theoretically exercises;
- apply SI units and symbols, as well as SANS standards;
- use the correct welding symbols in all diagrams and sketches;
- comprehensively describe all tests on joints;
- describe and practically demonstrate arc welding;
- make joints by using different kinds of joint techniques;
- inspect all joints visually;
- describe and execute all safety measures concerning welding technology in terms of the Occupational Health and Safety Act;
- act in an ethically responsible manner in the workshop and guide learners to operate with the necessary responsibility towards co-learners and dangerous apparatus.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %

Module Code: TFPF321	Semester 2	8 Credits	NQF-Level: 6

Title: Technology Literacy for Foundation Phase
After completion of this module, student should:
- demonstrate a solid knowledge of problem-solving skills by applying the design process to technological problems and needs;
- demonstrate a fundamental understanding of knowledge areas such as structure, processes and systems and control;
- demonstrate solid knowledge, understanding and values regarding the interrelationship between technology, society, economy and the environment; and
- demonstrate competence regarding appropriate use of information and communication technologies.

Method of Delivery: Full-time, MOA AROS, MoA CEDAR College, MOA NIHE, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: TTED121	Semester 2	8 Credits	NQF-Level: 5a

Title: Technical Technology
After completion of this module, student should:
- explain the rationale of Technology education in schools, as well as the realities faced by South African schools regarding the teaching of technology in the GET and FET phases;
- demonstrate a basic knowledge of the NCS policy for the learning area Technology in the Senior Phase; and
- demonstrate the ability to plan appropriate technology lessons according to the unique methodology of technology with knowledge of the technological process.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: VTEE211	Semester 1	8 Credits	NQF-Level: 5b

Title: Mechanical Technology for Education: Vehicle
After completion of this module, student should:
- demonstrate profound knowledge, practical skills, insight and competence with regard to temperature control, carburettors, lubrication, brake systems and generators;

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: VTEE221	Semester 2	8 Credits	NQF-Level: 5b

Title: Mechanical Technology for Education: Vehicle
After completion of this module, student should:
- demonstrate profound knowledge, practical skills, insight and competence with regard to gearboxes, basic vehicle electricity, alternators, wiring circuits, ignition systems and instruments;

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: VTEE311	Semester 1	8 Credits	NQF-Level: 6

Title: Mechanical Technology for Education: Vehicle

After completion of this module, student should:
- demonstrate profound knowledge, practical skills, insight and competence with regard to electronic speed control, sender units and drive units, flicker units, windscreen wiper systems and starter motors;
- conduct workshop planning and organisation; and
- test electrical components.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: VTEE321	Semester 2	8 Credits	NQF-Level: 6

Title: Mechanical Technology for Education: Vehicle

After completion of this module, student should:
- demonstrate profound knowledge, practical skills, insight and competence with regard to fuels, fuel refining, mechanical mathematics, clutches, drive shafts, joints and air conditioning;
- conduct workshop management and stock control.

Method of Delivery: Full-time

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: VTEE411	Semester 1	8 Credits	NQF-Level: 6

Title: Mechanical Technology for Education: Vehicle

After completion of this module, student should:
- demonstrate profound knowledge, practical skills, insight and competence with regard to final drives, epicyclical gears, automatic gearboxes, hydraulic couplings and steering gear layouts;
- perform tests and fault finding.

Method of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: VTEE421	Semester 2	8 Credits	NQF-Level: 6

Title: Mechanical Technology for Education: Vehicle

After completion of this module, student should:
- demonstrate profound knowledge, practical skills, insight and competence with regard to final drives, epicyclical gears, automatic gearboxes, hydraulic couplings and steering gear layouts;
- do lesson preparation for mechanical subjects;
- do test and fault finding.

Method of Delivery: Full-time, SBET

Assessment Mode: Continuous assessment 50 %
1x2 hour written examination 50 %

Module Code: WSKT111	Semester 1	8 Credits	NQF-Level: 5a

Title: Mathematics: Introductory Algebra for FET Technology
After completion of this module, student should:
- demonstrate basic knowledge, understanding and insight regarding elementary algebraic operations, a variety of equations, vectors and complex numbers;
- demonstrate skill with respect to performing elementary algebraic operations, solving a variety of equations, solving problems involving vectors and performing calculations with complex numbers;
- be competent to apply the above-mentioned skills within real world contexts from the technical and scientific fields of study; and
- be capable of evaluating the meaning, validity and accuracy of mathematical solutions within the context of real world situations from the technical and scientific fields of study.

Method of Delivery: Full-time
Assessment Mode: Continuous assessment 60 %
1x2 hour written examination 40 %

Module Code: WSKT221	Semester 2	8 Credits	NQF-Level: 5b

Title: Mathematics: Functions and Trigonometry for FET Technology
After completion of this module, student should:
- demonstrate solid knowledge, understanding and insight regarding modelling through the use of a variety of functions, Cartesian as well as polar coordinate systems, polar curves, Cartesian curves, conic sections as well as loci and trigonometry;
- demonstrate skill in modelling real-world situations and problems, basic analytical geometry, sketching and interpreting polar curves and Cartesian curves of a variety of functions, graphical solution of systems of equations and solving problems involving trigonometry;
- be competent to apply the above-mentioned skills practically and to model real-world situations from the technical and scientific fields of study and solve associated problems; and
- be capable of evaluating the meaning, validity and accuracy of mathematical models and calculations as applied to real-world situations from the technical and scientific fields of study.

Method of Delivery: Full-time
Assessment Mode: Continuous assessment 60 %
1x2 hour written examination 40 %

Module Code: WSKT311	Semester 1	8 Credits	NQF-Level: 6

Title: Mathematics: Calculus for FET Technology
After completion of this module, student should:

- demonstrate solid and systematic knowledge, understanding and insight regarding the meanings of the derivative and the integral of a function;
- demonstrate skill in the calculation of the derivative from the definition, the calculation of a variety of derivatives using differentiation rules, application of the midpoint rule and the calculation of a variety of indefinite as well as definite integrals using integration rules;
- be competent to apply differentiation and integration in order to analyse the behaviour of physical processes within real world situations from the technical and scientific fields of study and solve problems where rates of change, area, total change and volume are involved; and
- be capable of evaluating the meaning and validity of his analysis or solutions within the context of real-world situations from the technical and scientific fields of study.

Method of Delivery: Full-time
Assessment Mode: Continuous assessment 60 %
1x2 hour written examination 40 %

Module Code: WVOS221	Semester 2	12 Credits	NQF-Level: 5b

Title: Understanding the educational world
On completion of this module, students should

- have a **fundamental knowledge base** of a selection of world views and ideologies and demonstrate their critical understanding through an **ability to compare** the nature and function, as well as different contemporary manifestations of these world views and ideologies;
- have the ability to understand the interrelatedness of phenomena such as occurs in natural and social systems, and from this vantage point, **analyse and evaluate** real life problems or case studies based on core issues of our time, such as poverty, constant change, human rights, HIV-AIDS, power abuse, corruption, racism, xenophobia, etc.;
- be able to articulate their personal world view and use it as a point of departure for **arguing and communicating** feasible solutions to core issues and problems of our time in a typical academic manner.

Method of Delivery: Full-time, MOA AROS, MoA CEDAR College, MOA NIHE, SBET
Assessment Mode: Continuous assessment 60 %
1x2 hour written examination 40%

Module Code: WVOS311	Semester 1	12 Credits	NQF-Level: 6

Title: Main currents in the philosophy of Education
On completion of this module, students should

- have a solid and systematic knowledge of the most important foundational issues in the relevant field of study and demonstrate a critical understanding of the meta-theoretical assumptions underscoring foundational issues;
- demonstrate knowledge and a critical understanding of specific forms of ethics that apply to the field of study, such as a personalised code of conduct or the general human rights charter, and be able to apply such forms of ethics discriminately to analyse, evaluate and pose possible solutions to some current themes or issues salient to the field of study;
- demonstrate the ability to analyse, synthesise and critique the assumptions on which a chosen theme or issue is based, formulate a personal opinion about the theme or issue that gives evidence of a personal coherent world view, and communicate the findings in a presentation making use of applicable technology, as well as in an evidence-based report written in a typically academic format

Method of Delivery:	Full-time, MoA AROS, MoA CEDAR College, MoA NIHE, SBET
Assessment Mode:	Continuous assessment 60 %
	1x2 hour written examination 40%

Module Code: ZUCF122	Semester 2	8 Credits	NQF-Level: 5a

Title: SiZulu Ulwimi Lokuxhumana
Ekupheleni Kwale Mojule Kumele wazi:

- ukusebenzisa umthetho siqalo wopelo mangama lowimi lwesizulu.
- tshengisa ukuzethemba emisebenzini eyenziwa egumbimi lokufundela, ukugcina lolu lwimi lungesigqi kubafundi.
- tshengisa ukuqonda incwadi esiyimiselwe uphinde usebenzise amasu ekuxhumaneni kwansuku zonke.
- khombisa ukuqondwa kolwini lwesizulu, ngokuqhathanise nezinye izilimi zezinhlango, ezahlukene.
- yiba nomqhudelwano noma nomncintiswano ekusebenziseni amasu okubhala, okulalela kanye nokukhuluma.

Method of Delivery:	MoA CEDAR College
Assessment Mode:	Continuous assessment 50 %
	1x2 hour written examination 50 %

Module Code: ZUCF412	Semester 2	8 Credits	NQF-Level: 6

Title: SiZulu Ulwimi Lokuxhumana

Ekupheleni Kwale Mojule Kumele wazi:

- ukusebenzisa amasu okuxhumana ezimweni ezahlukahlukele.
- khombisa ukuqondwa kweTheory ye Bloom's taxonomy, uphinde uyisebenzise kwezinye izifundo.
- khomisa ukuqonda kabanzi isizulu, ekuqhathanisa nezinye izilimi.

Method of Delivery: MoA CEDAR College

Assessment Mode: Continuous assessment 50 %

1x2 hour written examination 50 %