

NATIONAL
CERTIFICATE IN
SECRETARIAL
AND OFFICE
MANAGEMENT

NCSOM

Teaching Syllabus





NATIONAL CERTIFICATE IN SECRETARIAL AND OFFICE MANAGEMENT



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A product of the National Curriculum Development Centre for the Ministry of Education and Sports

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Foreword

Government of Uganda through the National Curriculum Development Centre, under the Ministry of Education and Sports embarked on reviewing the Business, Technical and Vocational curricula to make it competence based as advocated for by the BTVET Strategic Plan (2011 – 2020) of "Skilling Uganda". The government emphasis has been placed on provision of knowledge, skills and work attitudes for majority of Ugandans with a view of improving service delivery and increasing productivity of the citizens.

To ensure quality and standards across the country, the Ministry through National Curriculum Development Centre (NCDC) in partnership with the various institutions that had developed individual curricula took up the responsibility of harmonizing the curriculum materials for both private and public institutions. Government further streamlined the Post Ordinary Level programmes to run for two years, with the aim of equating such qualifications to the Advanced Certificate of Education, allow for progression, and in accordance with the recommendations of the Government White Paper (1992).

The harmonization of this curriculum was premised on the current labour market demands, making it learner centred, and competence based. It focuses on core tasks and continuous assessments, with each semester involving execution of a real life project that makes the graduate competent in the field of work.

The increasing numbers of enterprises established in the country require work force that can continuously keep records appropriately. As such, the National Certificate in Secretarial and Office Management programme is aimed at equipping learners with skills to organise an office, handle office mails, organise meetings, produce office documents, attend to office calls, receive, and attend to visitors in any institution, company or organisation.

Secretarial and Office Management is thus, one of the programmes that support the achievement of the Government's goal of employment creation; and when well implemented, will enable learners to perfect their professional attitudes towards job creation and self-employment.

As Minister responsible for the provision of education in the country, I therefore endorse the curriculum for National Certificate in Secretarial and Office Management as the official one to be taught by all institutions engaged in running this programme in Uganda.

. Janet K. Museveni

First Lady and Minister for Education and Sports



Acknowl dgem

National Curriculum Development Centre extends her appreciation to all panel members that participated in reviewing, harmonising, and editing the curriculum for National Certificate in Secretarial and Office Management.

Great thanks go to the Ministry of Education and Sports, other agencies and institutions that provided participants who worked tirelessly to review the certificate programmes for skills development.

We are grateful for the contribution made by Uganda Colleges of Commerce (UCCs), Uganda Police Force (UPF), Uganda National Examinations Board (UNEB), the Directorate of Education Standards (DES), Universities, and the various institutions under the UGAPRIVI umbrella.

Special thanks go to Uganda Business and Technical Examinations Board (UBTEB) for the financial support that enabled the successful review and harmonisation of the various curricula, as well as their contributions towards the implementation policies.

The consultants, Ms Amina Nabalamba and Ms Mary Kisakye are greatly applauded for the guidance provided during the development of the professional profiles.

We shall always be grateful for the ideas, time and efforts offered towards the development of these National Certificate curriculum materials.

Grace K. Baguma

National Curriculum Development Centre

List of Acronyms and Abbreviations

CAS Current Awareness Services

CBET Competence Based Education and Training

CD Compact Disc

CGPA Cumulative Grade Point Average

CH Contact Hours

CPU Central Processing Unit CTF Curriculum Task Force

CU Credit Units

DES Directorate of Education Standards

DVD Digital Versatile Disc FVH Field Visit Hours

GP Grade Points

GPA Grade Point Average

JVC Junior Vocational Certificate

LAM Local Network Area

MOES Ministry of Education and Sports
NCBL Letter code for Basic Business Law

NCCA Letter code for Computer Applications Skills

NCCC Letter code for Customer Care

NCCS Letter code for Basic Communication Skills
NCDC National Curriculum Development Centre

NCED Letter code for Entrepreneurship Development

NCKS Letter code for Basic Kiswahili NCOP Letter code for Office Practice

NCPE Letter code for Principles of Economics

NCSM Letter code for the core modules of NCSOM

NCSOM National Certificate in Secretarial and Office Management

NGO Non-Governmental Organisation

NP Normal Progress PH Practical Hours

PP Probationary Progress
RAM Random Access Memory
ROM Read – Only Memory



SME Small scale and Medium Enterprises

SQFs Service Quality Factors

SWOT Strength, Weaknesses, Opportunities, and Threats

TH Training Hours

UBTEB Uganda Business and Technical Examinations Board

UCCs Uganda Colleges of Commerce UCE Uganda Certificate of Education

UGAPRIVI Uganda Association of Private Vocational Institutions

UNEB Uganda National Examinations Board

UPF Uganda Police Force

URA Uganda Revenue Authority

WAN Wide Network Area

Introduction

The growing rate of business start-ups requires both promoters and proprietors to have basic concepts, skills, and knowledge in how to run and sustain a business. There is therefore need to design a curriculum that will enable trainers and trainees to meet these needs.

National Curriculum Development Centre has thus looked at the various syllabuses developed by different institutions and realised there was a lot of mismatch in the content and course names. NCDC in consultation with various stakeholders agreed to harmonise the syllabus into one national curriculum which resulted in a change in the module structure and content. The curriculum is now unified and in line with the BTVET Act of (2008), the BTVET Strategic Plan 2011- 2020 of "Skilling Uganda"; and the Uganda Vision 2040 that advocates for middle income earning.

The modules offered in this syllabus have been packaged in a manner that will enable the learner to attain employable skills needed to perform tasks at the different levels of his/her respective stages of study. The competences that a learner is expected to acquire are clearly spelt out for every module in each semester and year of study.

There are cross cutting modules of Bookkeeping, Basic Communication Skills, and Entrepreneurship that are aimed at equipping the learner with the soft skills, knowledge and techniques for effective performance in the world of work.

A professional profile was developed which is an amalgamation of the various tasks from which these modules were derived. This led to an educational concept which focuses on the assessment criteria, roles of learners, lecturers, and administrative staff towards education.

The skills to be acquired will enhance the learner's confidence and ability to participate effectively in income generating activities, not only as a secretary, but also as a creative citizen dealing with issues emanating from the work that impacts on his/her own life and other people.

When effectively implemented, this curriculum will produce NCSOM graduates with knowledge, skills, and competences to:



- i) organise office.
- ii) handle office mails.
- iii) organize meetings.
- iv) produce office documents.
- v) attend to office telephone calls.
- vi) receive and guide office visitors.

Guidelines for Implementing the NCSOM Curriculum

Programme Title

The title of the programme is National Certificate in Secretarial and Office Management (NCSOM).

Duration of the Programme

The National Certificate in Secretarial and Office Management_is a full time programme to be taught in two academic years. Each academic year will consist of two semesters composed of 17 weeks, 15 of which shall be for training and continuous assessment, and the last 2 weeks for final examinations.

The CBET system caters for free exit before completion of the programme once the learner obtains reasonable skills to enable him/her do something to earn a living. Such a learner may return to continue with the programme at a later date as long as it is done within the set period of not more than **5** years from the date of enrolment.

Admission/Entry Requirements

A candidate shall be eligible for admission to the National Certificate in Secretarial and Office Management programme on meeting any of the following requirements:

a) Ordinary Level Entry Scheme (Uganda Certificate of Education)

The candidate should be a holder of a Uganda Certificate of Education (UCE) with at least three passes obtained in the same year of sitting.

b) Certificate Entry Scheme

The candidate should hold a Junior Vocational Certificate (JVC), or any other relevant certificate obtained from a recognised institution.

Curriculum Implementation

The curriculum for National Certificate in Secretarial and Office Management is based on a semester modularised system. During the training, assessment shall be carried out on a continuous basis as a CBET requirement. Each module contains sub-modules that will help the learner to perform the core tasks aimed at providing applied knowledge, practical skills and professional attitude towards work.

The learner will also have to operate a real life project every semester to put into practice the knowledge and skills acquired from the classroom. Prospects for National Certificate in Secretarial and Office Management

NCSOM graduates may opt to further their skills and education by offering a diploma and/or degree in Secretarial or any other related programme of one's choice.

Assessment Criteria

a) Each module shall be assessed out of 100 marks as follows:

Continuous assessment 40%Final examination 60%

b) Continuous assessments

These shall either be individual based or group assignments. They will consist of:

- i) Practical work
- ii) Classroom exercises and presentations
- iii) Assignments
- iv) Tests
- v) Internship and project execution.
- c) There shall be final examinations within the last **two** weeks of every semester set and conducted by UBTEB.
- d) A candidate shall be considered to have acquired competences when he/she is able to perform tasks required of a NCSOM



graduate in the labour market. One must have attended **at least 75%** of each module lessons and done both continuous assessment and end of semester final examinations.

e) Continuous assessment shall be handled by the teachers at the training institutions and the results verified by UBTEB officials.

Real Life Projects

This involves a combination of subject knowledge, process skills, and transferable abilities of the learner. The Learner will have to apply classroom knowledge and skills proactively in a real-life context for an extended period of time to execute a project. Each learner is required to run a real life project outside classroom time under the supervision of the teacher and it shall be authenticated by UBTEB officials. Projects shall be assessed continuously by the lecturers and marked out of 100% just like other modules. This shall be based on both, the final product/service and the process involved in making it. A team of examiners from UBTEB will be moving around to assess the implementation, authenticity, and progression of the projects.

The following guidelines may be considered for project assessment:

Innovation and creativity	10 marks
Customer care	10 marks
Neatness	10 marks
Record keeping	05 marks
Health and safety observation	10 marks
Actual performance	30 marks
Final product	25marks
TOTAL	100 marks

Internship Training

Every student must get placement for Internship to be done at the end of the second academic year for at least 8 weeks. A placement in this case is any area where hands-on training and practice shall be carried out to produce items or provide services. This may include manufacturing enterprises, companies, corporate organisations, shops, supermarkets, media houses, hotels, restaurants, libraries, hospitals, schools, banks, etc.

- An industrial supervisor shall award 50% of the marks. This is because he/she will be in closer contact with the trainee much of the time to give the necessary guidance, support, corrections, and feedbacks.
- ii) An academic supervisor shall visit the trainee on appointment and award 30% of the marks. He/she will interact with the learner to verify the trainings offered at the industry.
- iii) The trainee will write an Internship report detailing the activities done, the procedures followed, and the challenges faced. This report should be signed by the trainee and both supervisors before submission to UBTEB. It will then be marked out of 20% and the scores added to the marks awarded by the industrial and academic supervisors to make 100%. The following assessment guidelines may be applied by the supervisors:

<u>T0</u>	TAL	100%
•	Written report	20 marks
•	Actual performance	25 marks
•	Health and safety	15 marks
•	Customer care	10 marks
•	Creativity and innovativeness	15 marks
•	Teamwork	05marks
•	Time management	05 marks
•	Attendance	05 marks

Detailed samples of assessment forms for the academic and the work supervisors are provided in the appendices.

Awards

A learner who completes the programme with at least 2.0 Cumulative Grade Point Average (CGPA) in each of the modules shall be awarded a classified 'National Certificate in Secretarial and Office Management by Uganda Business and Technical Examinations Board (UBTEB).



A learner who completes the set period for the programme and does not obtain at least 2.0 (GPA) in some modules shall be awarded a "Competence Class Certificate" by UBTEB for the modules passed. The competence class certificate shall enable such a learner to have specialised upgrading and employment since he/she will have attained some useful competences and skills to perform in the specialised field.

On completion of year 1, a learner may on request be given a statement of results by UBTEB indicating the grades obtained in each module.

Module Credits and the Weighting System

- i) Each module will be weighted using the credit units (CU).
- ii) One credit unit is equivalent to 15 contact hours (CH).
- iii) A contact hour can either be a teaching/lecture hour (LH), tutorial hour (TH), field visit hour (FVH) or practical hour (PH).
- iv) One contact hour is equivalent to 1 lecture hour, or 2 tutorial hours, or 2 practical/field visits hours.
- v) Credit units (CU) range from a minimum of 2.0 to a maximum of 5.0 based on the level of relevance in the programme.
- vi) Hence a module weighted 2 CU will take 30 contact hours, 3 CU will take 45 contact hours, 4 CU for 60 contact hours, and 5 CU for a module with 75 contact hours.
- vii) No module will have less than 2 CUs or more than 5 CUs.

Grading of Modules

Each module shall be graded out of 100 marks and assigned an appropriate letter grade and grade points as follows:

Marks (%)	Letter Grade	Grade Point (GP)
80-100	A	5.0
75-79	B+	4.5
70-74	В	4.0
65-69	C+	3.5
60-64	С	3.0
55-59	D+	2.5
50-54	D	2.0
0 - 49	F	0

Cumulative Grade Point Average (CGPA)

The certificate awarded to a learner shall be graded based on the Cumulative Grade Point Average (CGPA) score.

Computation of the CGPA

The learner's CGPA at any given time shall be obtained by:

- multiplying the grade points obtained in each module by the corresponding credit units assigned to that module to arrive at the weighted score for that module.
- ii) adding together the weighted scores for all modules up to that time.
- iii) dividing the total weighted scores by the total number of credit units taken up to that time.

Classification of the Certificates

The National Certificate in Business Administration shall be classified according to the CGPA obtained up to the end of the module. The certificates shall be classified as follows:

Class	CGPA
Distinction	4.30 - 5.00
Credit	2.80 – 4.29
Pass	2.00 - 2.79

Progression of the Learner

Progression of a student shall be classified as normal, probationary, or stay put.

a) Normal progress

Normal progression will occur when a student passes all the modules taken in a semester with a grade point of not less than 2.0.

b) Probationary progress

This is a stage in which a learner passes some modules but does not measure up to the minimum GP of 2.0 in other modules. Such a learner will be allowed to move to the next semester carrying along the failed module(s) as "Retake(s)"



Re-Taking a Module

- i) Retaking will require a learner to redo the entire module by attending lectures, doing continuous assessments, and sitting the final examinations of that module. There shall not be a supplementary examination or test set for any retake but a learner will re-sit the failed module when it is next examined.
- ii) A learner may retake a module to improve the grades obtained at the first sitting. Should that learner get a lower grade for a retake than before, the original grade shall be maintained.
- iii) Whenever a module is retaken and passed, the academic transcript should **not** indicate it as a retake.

c) Stay-put

A learner who fails more than half of the total number of modules in a semester shall not proceed to the next semester until the failed modules are cleared. However, the passed modules should not be repeated.

Dead Year

A learner shall be allowed to apply for a dead year/semester of study due to financial constraints, sickness or any other genuine problem and should be allowed to resume the course at the level he/she exited for the dead year. A learner who applies for a dead year should bear in mind that he/she has to complete the programme within duration of **five** (5) years from the time of enrolment and registration into the programme.

Academic Load

A Certificate programme shall carry a maximum of 25 Credit Units per semester.

No semester should have more than **seven** modules/assessment units including project work.

Final Examination Paper Formats

Depending on the respective module examination paper formats, the questioning techniques to be applied should seek for the candidate's ability to remember, comprehend, apply, analyse, synthesis, and evaluate

conditions. All questions should be guiding the learner to perform the tasks expected of him/her in the world of work.

Year 1 Semester 1

Paper Name and Code	Examination Format
NCBK111: Bookkeeping NCCS112: Basic Communication Skills NCOP113: Office practice	Each paper shall consist of seven questions and the candidate will be required to answer any five . All questions shall carry equal marks. The questioning techniques to be applied should seek for the candidate's ability to remember, comprehend, apply, analyse, synthesize and evaluate conditions. Duration shall be 2 ½ hours.
	The paper shall consist of two sections, A and B.
NCSM114: Shorthand I	Section A shall comprise a compulsory recorded dictation at 30 w.p.m. A candidate will be required to transcribe the shorthand notes. A warm up passage which is not part of the examination shall be dictated before the examination.
	Section B shall comprise four questions and the candidate will be required to attempt all questions.
	The questioning techniques to be applied should seek for the candidate's ability to remember, comprehend, apply, analyse, synthesize and evaluate the principles of shorthand. Duration shall be 3 hours.
	This paper shall consist of two Sections, A and B.
NCSM115: Typewriting I	Section A shall consist of one compulsory speed and accuracy question and the candidate will be required to type the given text at 30 w.p.m. The supervisor



Paper Name and Code	Examination Format
	must initial the candidate's work after the given time.
	Section B shall comprise four questions and the candidate will be required to attempt all.
	The questions should be commensurate with the available time and level of the candidate.
	The questioning techniques to be applied should seek for the candidate's ability to apply, analyse, synthesize, and evaluate the Keyboard skills. Duration shall be 3 hours
NCSM116: Real Life Projects	The real life project shall consist of continuous assessment marks.
	The examining body should verify the authenticity of the awarded marks from the completed projects on the ground and learner's participation through presentations.
	The tasks to be performed should seek for the candidate's ability to comprehend, apply, analyse, synthesize and evaluate conditions.
	The duration of the project assessment shall be the period during the 15 weeks of training in the semester of study.

Year 1 Semester 2

Paper Name	Examination Format
NCSM121: Shorthand II	The paper shall consist of two sections, A and B. Section A shall comprise a compulsory recorded dictation at 40 w.p.m. A candidate will be required to transcribe the shorthand notes. A warm up passage which is not part of the examination, shall be dictated before the

Paper Name	Examination Format	
	examination.	
	Section B shall comprise of four questions and the candidate will be required to attempt all questions.	
	The questioning techniques to be applied should seek for the candidates' ability to remember, comprehend, apply, analyse, synthesize and evaluate the principles of shorthand	
	Duration shall be 3 hours.	
	This paper shall consist of two Sections, A and B.	
NCSM122: Typewriting II	Section A shall consist of one compulsory speed and accuracy question and the candidate will be required to type the given text at 40 w.p.m. The supervisor must initial the candidates' work after the given time.	
	Section B shall comprise four questions and the candidate will be required to attempt all. The questions should be commensurate with the available time and level of the candidates.	
	The questioning techniques to b e applied should seek for the candidates' ability to apply, analyse, synthesize, and evaluate the keyboard skills.	
	Duration shall be 3 hours.	
NCPE123: Principles of Economics NCED125: Elements of Entrepreneurship Development	Each paper shall consist of seven questions and the candidate will be required to answer any five . All questions shall carry equal marks.	
	The questioning techniques to be applied should seek for the candidate's ability to remember, comprehend, apply, analyse,	



Paper Name	Examination Format	
	synthesize and evaluate conditions.	
	Duration shall be 2 ½ hours.	
NCCA124: Computer Application	The paper shall consist of three practical questions carrying 50 marks each. A candidate will be required to answer any two. A print out of the practical outputs together with the softcopies of all files used will be sent to UBTEB. The questioning techniques to be applied	
	should seek for the candidate's ability to, comprehend, apply, analyse, synthesize and evaluate conditions.	
	Duration shall be 3 hours.	

Year 2 Semester 1

Paper Name	Examination Format	
NCSM211: Work Ethics NCBL212: Introduction to Business Law NCCC213: Customer Care	The paper shall consist of seven questions and the candidate is required to answer any five. All questions shall carry equal marks. Section A shall have one compulsory number. Section B shall consist of six questions and the candidate will be required to choose only four questions. The questioning techniques shall seek for the candidates' ability to remember, comprehend, apply, analyse, synthesize and evaluate office practices.	
NCSM214: Shorthand III	Duration shall be 2 ½ hours. The paper shall consist of two sections, A and B. Section A shall comprise a compulsory recorded dictation at 50 w.p.m. A candidate will be required to transcribe the shorthand notes. A warm up passage which is not part of the examination, shall be dictated before the examination Section B shall comprise four questions and the candidate will be required to attempt all	

	questions.
	The questioning techniques to be applied should seek for the candidate's ability to remember, comprehend, apply, analyse, synthesize and evaluate the principles of shorthand.
	Duration shall be 3 hours.
NCSM215: Typewriting III	This paper shall consist of two Sections, A and B
	Section A shall consist of one compulsory speed and accuracy question and the candidate will be required to type the given text at 50 w.p.m. The supervisor must initial the candidates' work after the given time.
	Section B shall comprise four questions and the candidate will be required to attempt all.
	The questions should be commensurate with the available time and level of the candidates.
	The questioning techniques to be applied should seek for the candidates' ability to apply, analyse, synthesize, and evaluate the Keyboard skills.
	Duration shall be 3 hours.



Year 2 Semester 2

Paper Name	Examination Format	
	The paper shall consist of two sections A and B. Section A shall comprise of a compulsory recorded dictation at 60 w.p.m. A candidate will be required to transcribe the shorthand notes. A warm up passage which is not part of the examination, shall be dictated before the examination proper.	
NCSM221: Shorthand IV	Section B shall comprise of four questions and the candidate will be required to attempt all questions.	
	The questioning techniques to be applied should seek for the candidates' ability to remember, comprehend, apply, analyse, synthesize and evaluate the principles of shorthand.	
	Duration shall be 3 hours.	
NCSM222: Typewriting IV	This paper shall consist of two Sections, A and B.	
	Section A shall consist of one compulsory speed and accuracy question and the candidate will be required to type the given text at 60 w.p.m. The supervisor must initial the candidate's work after the given time.	
	Section B shall comprise four questions and the candidate will be required to attempt all. The questions should be commensurate with the available time and level of the candidates.	
	The questioning techniques to be applied should seek for the candidate's ability to apply, analyse, synthesize, and evaluate the Keyboard skills.	
	Duration shall be 3 hours.	

Paper Name	Examination Format	
NCKS223: Basic Kiswahili	The paper shall consist of two examinations; thus Paper One and Two Paper one will consist of two sections A and B Section A will comprise of one (1) compulsory question of 20 marks involving listening and speaking skills. The question will be recorded information to be played to the candidates after which they will write down the answers to the questions that will follow in the question paper provided. This should take 1 hour and 30 minutes Section B shall consist of 4 (four) questions and the candidate will be required to answer any 2 (two) in one hour. Each of these questions shall be marked out of 20 marks. Paper two will consist of several oral questions where a candidate will directly interface with the examiner and answer the questions in 15 minutes while the marks are recorded. The paper will carry a total of 40 marks.	
NCSM224: Fundamentals of Reprography	The paper shall consist of three practical questions of 50 marks each; requiring reproduction of a given number of documents. The candidate will answer two in three hours.	



NCSOM

This section describes the various job titles and the related tasks that can be performed by the graduates of National certificate in secretarial and office management

Job Titles and Tasks for NCSOM

The main duties and tasks performed by graduates of the National Certificate in Secretarial and Office Management include the following:

Job Title	Duties	Tasks
Typist	 Production of office documents Filing of Information Keep secrets of the job Maintenance of office tools and equipment Cut and cycle styles stencils Speed and accuracy Willingness to be advised Oath of diligence 	 Drafts documents Typesets documents Edits documents Formats documents Prints documents Scans document Cuts and Cycle style stencil Seas/Laminates documents Binds documents Files documents Maintains office tools and equipment
Pool Stenographer	 Production of office documents File Information Maintenance of office tools and equipment Organize meetings Take minutes Supervise office attendants 	 Organises office Typesets documents Edits documents Files documents
Receptionist	 Receive and direct visitors Maintain visitors' register Manage phone calls Handle office mails 	 Attends to clients Records messages Responds to routine enquiries Receives mail/correspondence

Job Title	Duties	Tasks
	 Maintain front office Distribute and sell handbooks published by the organization Receives and controls the circulation of magazines and News paper Sets office layout Organizes meetings Prepares work schedules Makes appointments support staff 	 Sorts mails/correspondence Forwards mails/correspondence Receives telecom calls Forwards telephone calls Manages outgoing calls Maintains visitors' register Receives and controls magazines and news papers
Office Assistant	 Organize office Handle office mails Organize refreshments File documents Photocopy documents Disseminate information to respective offices and officers 	 Retrieves records Sorts records Updates records Files records Stores electronic and manual records Supervises support staff Maintains inventory Coordinates office activities Handles petty cash(office imprest) Organize refreshments Delivers sealed mails/correspondence Dispatches mail/correspondence



Focus of Training

The training for NCSOM should emphasise the following aspects of learning:

- i) Competence Based Education and training
- ii) Modularisation of programmes
- iii) Practical assignments and tests
- iv) Entrepreneurship development
- v) Integrated education (knowledge, application, skills and attitude)
- vi) Health, safety and environmental considerations
- vii) Sports, clubs and social interactions
- viii) Disability and gender consideration
- ix) Sustainability of professional practices, general and specialised code of conduct
- x) Internship
- xi) Real life project implementation

Roles of Learners, Teachers, and Administrative Staff

Individuals in the education sector have several roles and responsibilities they play to make training and learning a smooth, pleasant, and constructive process. Below are some of the roles of learners, teachers, Support, and administrative staff:

Role of Learners

A learner must seriously take into consideration that learning requires great commitment. Their roles include among others to:

- i) Participate fully in class work and assessments
- ii) Be resourceful in group and personal research
- iii) Seek guidance
- iv) Look out for and solve problems that have never been faced by one before (Initiation and Innovativeness)
- v) Participate in community-based real life projects
- vi) Assess the usefulness of the module and performance of staff
- vii) Serve as ambassadors of the institution in the world of work
- viii) Keep time and manage oneself effectively
- ix) Participate in sports, social and guild activities

- x) Participate in health, safety, environmental and security awareness
- xi) Practice leadership roles
- xii) Demonstrate entrepreneurship skills
- xiii) Maintain discipline in and outside the college

Role of Teaching Staff

Teachers/lecturers are the main source of information to students. Their roles include among others, to:

- i) set the tone for a good learning environment.
- ii) prepare schemes of work and lesson plans.
- iii) keep records of attendance and assessment results.
- iv) serve as instructors, lecturers, supervisors and coaches.
- v) plan, design and carry out assessment of learners' performance.
- vi) engage learners in continuous assessments and help them to understand what is expected of them.
- vii) participate in quality assurance and ensure that training and assessments are valid and reliable.
- viii) contribute to continuing innovation in education.
- ix) counsel and guide learners on career and social issues that may affect their studies.
- x) arrange for and carry out industrial training placement and supervision.
- xi) arrange industrial tours and site visits.
- xii) prepare learners for project work as well as assess and record learners' progress.
- xiii) guide learners in project design and writing.
- xiv) carry out interdisciplinary activities.
- xv) guide learners on the effectiveness of the module.
- xvi) demonstrate ethical roles.
- xvii) identify learning materials for students.
- xviii) update learners on the developments and requirement standards of the industry.

Role of Administrative Staff

The Institute administrative staffs coordinate the running of the institution and play various roles in the implementation of the training syllabi. Such roles include among others to:



- i) plan for the smooth running of the college by mobilising funds and human resources.
- ii) ensure equity and gender equality.
- iii) link the institution with the government, world of work and other stakeholders.
- iv) support and facilitate teaching and learning.
- v) keep custody of college property (inventories).
- vi) admit learners to the institution.
- vii) maintain and uphold the good image of the institution.
- viii) ensure high academic standards of the institution.
- ix) arrange for graduations and regular meetings of alumni.
- x) maintain ethical and moral conduct.
- xi) ensure a safe and conducive learning environment.
- xii) provide learners with adequate materials.
- xiii) allow and facilitate inter-institutional activities.
- xiv) ensure co-curricular activities and implementation.
- xv) appraise staff performance.
- xvi) Ensure the security of learners and their property.
- xvii) ensure discipline among staff and learners.
- xviii) recommend staff for promotion or disciplinary action.

Co-curricular Activities

Co-curricular activities are part of the institution's activities and they enhance the teaching/learning process. Therefore the institution should ensure that:

- i) there are adequate sports and recreational facilities.
- ii) there is an effective learners' guild through which their affairs may be channelled and organised.
- iii) religious and cultural affairs of all learners are well catered for without discrimination.
- iv) disability and gender issues are considerations.

Learning Environment

For successful implementation of NCSOM syllabus, a conducive learning environment has to be provided. This should include:

- i) Adequate physical infrastructure such as lecture rooms, laboratories, workshops and libraries equipped with relevant resources
- ii) An electronic learning and teaching environment which may include computers, and the Internet sources among others, to support teaching and learning processes
- iii) Teaching and Learning materials
- iv) Healthcare facilities for hygiene and sanitation
- v) Welfare and security officers
- vi) Inspiration of staff and learners to feel committed to the module
- vii) Adequate arrangements for seminars, workshops and exhibitions, as well as sites and industrial visits.
- viii) A platform for learners and staff to air out their views such as representation on governing councils.
- ix) Adequate maintenance of the learning facilities

Teaching and Learning Methods

The teaching and learning methods in this syllabus are just samples. It is at the teacher's discretion to apply any other methods deemed suitable to the classroom setting. The type of methods selected should be guided by the competences to be acquired by the learner. The teacher is encouraged to use a variety of methods in a lesson to make it more interesting and practical. Examples of some of the teaching and learning methods include:

1. Discussion

a) Group Discussions

Learners discuss issues in groups. This methodology enables knowledge/information to come from the learners rather than from the teacher. It promotes teamwork and allows all learners to have an opportunity to give their opinions and ideas; and also stimulates their interest as they learn from one another.

Guidelines for using group discussion method:

- i) Group learners.
- ii) Give clear instructions to learners as to what each group should do.
- iii) Assign task(s) to each group.
- iv) Give instructions on the pattern to be followed when discussing to ensure that each individual in the group contributes.



- v) Monitor the group discussions to ensure that social skills development takes place.
- vi) Assign responsibilities to learners for positions of Chairperson, Secretary, Timekeeper, etc. for effective group dynamics.
- vii) Learners discuss issues raised in the task with the guidance of the teacher
- viii) Learners agree on the issues to be presented.
- ix) Learners have group presentations and general discussions.
- x) They make a summary of agreed class points.

b) Guided discussions

Guidelines for using guided discussion method:

- The teacher leads the discussion and acts as the chairperson/secretary.
- ii) Give clear instructions to learners as to what they should do.
- iii) Learners discuss issues raised in the task with the guidance of the teacher.
- iv) Learners agree on the issues.
- v) Summarize the session by drawing on the main points.

2. Case Study

This method is where learners are given information about a situation and they have to come up with decisions or solutions to a problem. The purpose of case study is to:

- i) help learners to identify and solve problems in a typical situation.
- ii) provide learners with confidence in decision making.
- iii) help learners develop analytical skills.

3. Brainstorming

This is a way of obtaining as many views as possible from the learners in a short time. The learners should be guided to give as many ideas as they can, on a particular issue. It is recommended that all ideas are accepted without questioning. The ideas should be ranked according to their relevance to the issue being brainstormed.

Basic rules for brainstorming

- i) Encourage as many ideas as possible.
- ii) Criticisms of ideas should not be allowed.

4. Buzz Method

This is a method of training that requires learners seated near each other to discuss an issue that could have a lot of points or controversy to be agreed upon. The noise is the murmur that the class makes like that of buzz. Therefore some manageable noise or murmur should not be mistaken for no learning. This method is good in situations where one cannot conduct effective training like when it's raining.

The teacher asks questions on what learners have discussed to find out if they have understood.

5. Guided Discovery

This method is based on the notion that the learners know more than they think they know. The assumption is that they only need to be prompted to discover this knowledge for themselves. The teacher's role is to organise the learning environment and present the content in such a way that the learners can discover more knowledge and ideas.

6. Demonstration

This is the act of exhibiting, describing, and explaining the operation or process by use of a device, machine, process, product to learners. A demonstration can be carried out by the teacher or learners.

7. Illustration

This is a depiction or representation of a subject matter, such as a drawing, sketch, painting, photograph, or other kind of image of things seen, remembered or imagined, using a graphical representation. This method is best used where words are not sufficient to clearly bring out a concept. It gives a visual impression to what is being taught.

8. Guest Speaker

Guest speakers could be local entrepreneurs, government officials, professional practitioners, or community leaders invited to make a presentation to learners. Guest speakers can provide a variety to the entrepreneurship education learning, share experience, add value by engaging learners in an educational or informative manner.

The method provides learners with an opportunity to physically interact with a practitioner and motivates them to develop an entrepreneurial attitude.



9. Role Play

This method is where learners are presented with a situation they are expected to explore by acting out the roles of those represented in this situation. The learners to take part in the role-play should be carefully selected and properly prepared for their roles. The remaining learners should be equally prepared for the role play by briefing them on how they are to act during the presentation. The players should try to behave naturally during the presentation.

The teacher:

- i) observes when the presentation is taking place.
- ii) guides learners in the course of presentation to ensure that they focus on the theme of the play.
- iii) engages learners in a discussion or asks them questions about what they have learnt from the role play with a view of finding out if the role-play has provided sufficient information.

10. Study Tour

This is when learners are taken out to perform particular tasks with the aim of carrying out an observation, practice or witness the flow of events. It enables the learners to link the school situation with the reality in the communities or world of work.

11. Field Attachment

This is when learners are attached to some entrepreneur(s) to practice during their study time. It does not only enable them to relate what they have learnt in classroom but also allows them to acquire more knowledge and skills beyond what was covered. It further motives learners to becoming practitioners or entrepreneurs.

Programme Structure

Year 1 Semester 1

CODE	MODULE NAME	LH	PH	СН	CU
NCBK111	Bookkeeping	30	60	60	4
NCCS112	Basic Communication Skills	30	30	45	3
NCOP113	Office practice	30	60	60	4
NCSM114	Shorthand I	30	90	75	5
NCSM115	Typewriting I	30	90	75	5
NCSM116	Real Life Project	30	60	60	4
TOTAL		180	390	375	25

Year 1 Semester 2

CODE	MODULE NAME		PH	СН	CU
NCSM121	Shorthand II		90	75	5
NCSM122	Typewriting II		90	75	5
NCPE123	Principles of Economics		30	45	3
NCCA124	Computer Applications	30	60	60	4
NCED215	Elements of Entrepreneurship Development	30	60	60	4
NCSM126	Real Life Project 2	-	120	60	4
TOTAL		150	450	375	25



Year 2 Semester 1

CODE	MODULE NAME	LH	PH	СН	CU
NCSM211	Work Ethics	30	30	45	3
NCBL212	Introduction to Business Law	30	30	45	3
NCCC213	Customer Care	30	60	60	4
NCSM214	Shorthand III	30	90	75	5
NCSM215	Typewriting III	30	90	75	5
NCSM216	Real Life Project 3	-	120	60	4
TOTAL		150	420	360	24

Year 2 Semester 2

CODE	MODULE NAME	LH	PH	СН	CU
NCSM221	Shorthand IV	30	90	75	5
NCSM222	Typewriting IV	30	90	75	5
NCKS223	Basic Kiswahili	30	30	45	3
NCFR224	Fundamentals of Reprography	30	90	75	5
NCSM225	Real Life Project 4	-	120	60	4
NCSM226	Industrial Training	20	220	60	4
TOTAL		140	640	390	26

Detailed Module Description for Year One Semester 1

NCBK111: Bookkeeping

Duration: 60 Hours

Module Overview

This module introduces the learner to the fundamental principles and practices of bookkeeping with emphasis on the framework and procedures of recording, classifying and analysing business transactions. The learner will acquire knowledge and understanding of bookkeeping concepts and apply the generally accepted principles to his/her day-today business scenarios. It mainly involves recording of transactions and preparation of source documents, books of account and simple sets of financial statements.

Learning Outcomes

By the end of this module, the learner should be able to:

- i) prepare source documents.
- ii) maintain ledger accounts.
- iii) prepare basic financial statements.

Sub-module 1: Concepts of Bookkeeping

Duration: 8 Hours

Daracion, o fronts				
Competences	Content	Teaching and		
		Learning Strategies		
The learner:	Definition of	 Conduct a guided 		
 differentiates 	Bookkeeping	discussion with		
between forms of	 Distinction between 	learners to		
accounting.	Bookkeeping and	differentiate		
 describes the 	Accounting	between forms of		
activities and	Forms of Accounting	accounting		
elements in the	- Financial	 Task learners to 		
accounting cycle.	Accounting	identify the		
 identifies the 	 Cost Accounting 	elements in the		
users and uses of	- Management	accounting cycle.		



Competences	Content	Teaching and Learning Strategies
accounting information • applies accounting concepts, bases and standards.	Accounting Accounting Cycle Importance of Accounting information Users and uses of accounting information Accounting Concepts, Bases, and Standards	 Assign learners in groups to identify users and uses of accounting information. Demonstrate to learners the application of accounting concepts, bases and standards.

Assign learners to:

- i) discuss the importance of bookkeeping.
- ii) identify the users and uses of accounting information.

Teaching and Learning Resource

Financial reporting conceptual framework

Sub-module 2: Business Transactions and Source Documents

Duration: 8 Hours

Competences	Content	Teaching and Learning Strategies
The learner: classifies the business transactions. identifies the source documents to be used. prepares source documents for	 Types of business transactions Types of source documents Preparation of source documents 	 Lead a guided discussion on the types of transactions made by businesses. Task learners to look for copies of business source documents and discuss their purposes in class. Illustrate the preparation of different
the business.		source documents.

Assessment Strategy

Give learners assignments involving preparation of different source documents used in accounting.

Teaching and Learning Resources

- Source documents
- Ledger books

Sub-module 3: Journals

Duration:4 Hours

Competences	Content	Teaching and Learning Strategies		
The learner: classifies journals according to their purposes. prepares journals using source documents information. justifies the importance of using journals.	 Meaning of journal Classification of journals Preparation of journals Importance of journals 	 Illustrate the preparation of different journals. Give learners exercise to prepare journals. 		

Assessment Strategies

Task learners to:

- i) classify journals according to their purposes.
- ii) record transactions in journals.

Teaching and Learning Resources

Specimen of:

- Invoices
- Vouchers
- Credit notes
- Debit notes
- Receipts
- Journal books



Sub-module 4: Double Entry System and Ledgers

Duration: 8 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner applies double entry rules in recording transactions in ledger accounts.	 Concept of double entry Double Entry Rules Meaning of a ledger Classification of ledger accounts Source documents Preparation of ledger accounts Balancing ledger accounts 	 Illustrate the concept of double entry system of bookkeeping. Let learners identify the source documents used in business and discuss their purposes. Demonstrate the recording of business transactions. Guide learners in the balancing of ledger accounts.

Assessment Strategy

Give learners assignment to record business transactions in the ledgers using double entry system and balance off accounts.

Teaching and Learning Resources

- Source documents
- Ledger books

Sub-module 5: Cashbook

Duration: 8 Hours

Competences	Content	Teaching and
		Learning Strategies
The learner:	 Cash book as a book of 	 Let learners
 categorises a 	original or prime entry	discuss the
cash book as a	(Cash Receipts and Cash	purpose of
book of	Payments Journal).	preparing
original/prime	 Cashbook as a ledger 	cashbooks for the
entry (journal)	book (with debit and	business.
as well as a	credit sides taking on	 Guide learners on
principle book of	double entry)	the types of

Competences	Content	Teaching and
accounts (ledger). identifies different types of cashbooks. records transactions in cashbooks. prepares a petty cashbook following the imprest system.	 Types of cashbooks (Single column, Double column, and Three column cashbooks) Posting cash, bank and discount transactions in the cashbook (including contra entries) Two column cashbook Three column cashbook Petty Cashbook 	Learning Strategies cashbooks. Provide learners with information from which to prepare different cashbooks. Demonstrate the preparing of a petty cashbook using imprest system.

Assessment Strategy

Give learners exercises to prepare different cashbooks.

Teaching and Learning Resources

- Cashbooks
- Source documents (receipts, cheques, bank statements)
- Payment vouchers

Sub-module 6: Trial Balance

Duration: 6 Hours

Competences	Content	Teaching and
		Learning Strategies
The learner:	 Meaning of trial 	Guide learners
 identifies the 	balance	on the purpose
purpose/uses of	 Purpose/uses of 	of a trial balance.
a trial balance.	a trial balance	Let learners
 prepares a trial 	 Preparation of 	prepare a trial
balance.	trial balance	balance from a
	 Errors detected 	given set of
	and not detected	information.
	by trial balance	



Give learners exercise to:

- i) identify errors of the trial balance.
- ii) extraction the trial balance.

Teaching and Learning Resources

- Ledger books
- Structure of a trial balance

Sub-module 7: Preparation of Financial Statements

Duration: 10 Hours

Competences	Content	Teaching and Learning Strategies
The learner: • defines elements of financial statements. • prepares trading profit or loss account and balance sheet. • interprets the balance sheet equation.	 Elements of financial statements (incomes, expenses, gross profit, net profit, assets, liabilities and capital) Trading Account and determination of Gross Profit or Gross Loss Profit and Loss Account and the determination of Net Profit or Net Loss Combined Trading, Profit and Loss Account Accounting Equation and the Balance Sheet Balance sheet and determination of financial position 	 Guide learners in classifying financial information into elements of financial statements. Demonstrate the preparation of financial statements. Task learners to prepare final accounts and balance sheet using different formats.

Assessment Strategy

Provide learners with information to prepare financial statements.

Teaching and Learning Resources

- Financial statements
- Accounting manuals
- Calculator
- Ruler

Sub-module 8: Bank Reconciliation

Duration: 8 Hours

Competences	Content	Teaching and Learning Strategies
The learner: analyses the importance of bank reconciliation. prepares a bank statement. identifies the discrepancies between a cashbook and a bank statement. adjusts the cashbook. reconciles the cashbook and the bank statement.	 The need for bank reconciliation Posting bank transactions in the bank statement Comparing the cashbook and the bank statement (practical) Causes of differences between the cashbook and the bank statement Adjusting or amending the cashbook Preparation of bank reconciliation statement starting with: Cashbook balance Bank Statement Balance Bank overdraft 	 Demonstrate the correction of discrepancies between a cashbook and a bank statement. Guide learners to correct the cashbook and prepare bank reconciliation statements.

Assessment Strategies

Give learners tasks to:

- i) identify the causes of discrepancies between cashbook and bank statement.
- ii) update the cashbook.
- iii) reconcile the cashbook balance with the bank statement balance.

Teaching and learning materials

- Deposit slips
- Withdraw forms



- Cheques
- Cashbooks
- Bank statements

Suggested References

Frank wood & Sangster (2009). Business Accounting 1. (12th edn). London, Pitman Publishers.

Jennings, A.R. (2008). Financial Accounting (10th edn). London, DP Publications Ltd.

Saleemi, N.A. (2010). Financial Accounting Simplified. London, Champman & Hall.

NCCS112: Basic Communication Skills

Duration: 45 Hours

Module Overview

The module provides the learner with opportunity to develop skills to communicate and get along with others through writing, speaking, listening, and interpreting body language. Learners will acquire skills needed to perform business work such as inviting customers, consulting, giving the necessary advice and making simple business reports.

Learning Outcomes

By the end of this module students should be able to:

- i) communicate effectively with business stakeholders.
- ii) handle correspondences at operational levels.

Sub-module 1: Introduction to Communication

Duration: 04 Hours

Competence	Content	Teaching and Learning
		Strategies
The learner:	 Meaning of 	 Lead learners to
 defines 	communication	brainstorm the
communication.	 Importance of 	definition of
 identifies the 	communication	communication
importance of	 Classification of 	Group learners to
communication in	communication	discuss the importance
business.	(Internal and	of communication in
 classifies the 	External)	business.
categories of	 Forms of 	Lead a guided
communication.	communication	discussion on the types
 applies the 	(Formal and	and forms of
different forms of	Informal)	communication.
communication.		Demonstrate to learners
		the types of
		communications.



Assessment Strategy

Task learners to identify the types and forms of communication.

Sub-module 2: Grammar

Duration: 06 Hours

Competences	Content	Teaching and
The learner:	 Parts of speech (nouns,	 Guide a discussion on the parts of speech. Give exercises on spellings of words. Organise a tutorial for tenses and pronunciations.

Assessment Strategies

- i) Give learners tasks involving construction of sentences using nouns, verbs, adverbs, and pronouns.
- ii) Task learners to apply different tenses to construct meaningful sentences.

Sub-module 3: Communication Process

Duration: 06 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: describes the elements of communication. develops the communication channel. identifies barriers to effective communication. identifies solutions to the barriers to effective communication. 	 Elements of communication process Channels of communication Barriers to effective communication Solution to the barriers of communication 	 Illustrate to learners the communication process. Illustrate the channels of communication. Task learners to suggest ways of overcoming barriers to communication.

Assess learners on:

- i) the communication process.
- ii) the barriers to effective communication.

Sub-module 4: Written Communication

Duration: 10 Hours

Competences	Content	Teaching and
		Learning Strategies
The learner:	Business letters	 Guide learners on
 writes business 	Curriculum vitae	how to write
correspondences.	Business reports	business letters,
 writes reports 	Memorandum	notices, Memos and
 prepares memos. 	Notices	reports.
		 Let learners practise
		written
		communication.

Assessment Strategy

Give learners exercises to write business letters, memos, notices and reports.

Teaching and Learning Resources

Samples of:

- business letters
- curriculum vitae
- business reports
- memorandum
- Notices



Sub-module 5: Oral Communication

Duration: 8 Hours

	Teaching and
I	Learning Strategies
mportance of oral ommunication leetings egotiations	Use a video recording reflecting conduct of oral communication.
	mportance of oral communication leetings egotiations

Assessment Strategies

Let learners:

- i) discuss the roles of a chairperson and a secretary to a meeting.
- ii) make class presentations on the conduct of meetings and business negotiations.

Teaching and Learning Resources

• Video tapes

Sub-module 6: Non-verbal Communication

Duration: 06 Hours

Competences	Content	Teaching and Learning Strategies
The learner: applies non-verbal communication to express feelings. interprets the non-verbal communication made by others correctly. analyses the advantages and disadvantages of non-verbal communication.	 Types of non- verbal communication Body language Facial expressions Gestures Postures Eye contact Advantages and disadvantages of non-verbal communication 	 Use a video recording reflecting different non-verbal communications. Organise role plays in which learners should emulate different non-verbal communication styles.

Assessment Strategy

Ask learners to describe the different types of non-verbal communications.

Teaching and Learning Resource

Video tapes

Sub-module 7: Listening

Duration: 5 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: justifies the importance of effective listening. listens effectively. identifies the causes of poor listening skills. 	 Importance of listening Barriers to effective listening 	 Organise a video show on listening skills. Conduct role-plays on the listening modes.

Assessment Strategy

Assess learners on the listening skills by use of cassette player.

Teaching and Learning Resources

- Video tapes
- Tape recorder
- Radio cassette

Suggested References

Wardrope, W. J. & Bayless, M. L. (2009). Oral Business Communication; Instructions in Business Schools: Journal of Education for Business. Florida, Pearson's Publishing.

Komunda, B.M., (2005). Business Communication Skills. 2nd edn. Kampala, Mukono Printing and Publishing Company.

Akumu, H.T. (2014). A Guide to Communication Skills .1st edn. Kampala.

Chester, L. W. and Vanneman, E. (1983). Business Communications. London, Edward Amold,.



Hartley, J. (1980). The Psychology of Writing Communication. London, Kogan Page Limited.

Office Practice

Duration: 60 Hours

Module Overview

The module will introduce the learner to concepts of an office and its environment. It is intended to equip learners with knowledge, skills, and competences of planning, organising, and controlling an office.

Learning Outcomes

By the end of this course, the learner should be able to:

- i) perform managerial functions in an office.
- ii) organises an office.

Sub-module 1: The Office

Duration: 6 Hours

Competences	Content	Teaching and Learning Strategies
The learner: defines an office. observes the functions and standards of an office. lays out an office to an attractive working environment. observes the office norms and routines.	 Definition of office Types of offices Open and closed) Functions of an office Office Standards Office layout Office systems and Routines 	 Let learners brainstorm on the definition of an office. Lead a guided discussion on the functions of an office. Take out learners to any nearest office(s) to view office layouts. Organise a peer presentation on the factors to consider in selecting a suitable office layout.

Assessment Strategies

i) Give learners homework to identify the functions of an office.

ii) Assign learners to discuss in groups and make classroom presentations on the importance of office layouts.

Sub-module 2: Office Personnel

Duration: 10 Hours

Duration: 10 flours			
Competences	Content	Teaching and Learning Strategies	
The learner: • manages the office personnel. • executes the duties the different officers. • draws an organisationa l chart for office staff.	 Office manager Supervisor Administrative secretary Secretary Stenographer Copy typist Office messenger Data clerk The organisational chart 	 Lead a guided discussion on the duties and responsibilities of different office staff. Illustrate an organisational chart of office personnel. Take out learners to a modern office and task them to find out the challenges encountered. 	

Assessment Strategy

Give learners homework to discuss in groups the roles of the different office staff and make classroom presentations

Teaching and Learning Resources

Samples of organisational charts



Sub-module 3: The Reception

Duration: 10 hours

Competences	Content	Teaching and Learning
		Strategies
 The learner: makes a reception layout that is appealing to the visitors. records the callers made to the office in the callers' register. observes the procedures of performing reception work. executes the duties of a receptionist. 	 Meaning of reception Layout of reception office Common facilities in the reception office Callers' register Procedures of reception work Importance of reception office Duties and responsibilities of the receptionist 	 Demonstrate to learners various ways of laying an office. Ask learners to name the common facilities found at the reception. Lead a guided discussion on the procedures of reception work. Let learners role-play the duties of a receptionist.

Assessment Strategy

Give learners assignment to draw the layout of a reception layout.

Teaching and Learning Resources

- Charts of reception layouts
- Charts of reception layouts
- Callers register
- Message book

Sub-module 4: Office Equipment, Furniture and Stationery

Duration: 10 hours

Competences	Content	Teaching and Learning Strategies
The learner: • identifies the office machines	Types of office machines and their uses	Guide learners in identifying the types and the uses of the different office machines.
and their uses.selects	Types of office furniture	Guide learners on how to select appropriate office

Competences	Content	Teaching and Learning
		Strategies
appropriate	 Types of office 	furniture stationery.
furniture and	stationery	 Lead a guided discussion on
stationery for	 Selection of 	the principles of selecting
office use.	office	office equipment.
 develops 	equipment	 Let learners discuss in
solutions to the	and furniture.	groups the problems to
problems of	 Problems of 	mechanisation.
mechanisation.	mechanisation	

Task learners to:

- i) discuss the uses of different office machines.
- ii) identify factors to be considered when selecting office furniture.

Teaching and Learning Resources

- Office tools, machines and equipment
- Office furniture
- Office stationary

Sub-module 5: Office Administration

Duration: 8 Hours

Duration: 8 Hours			
Competences	Content	Teaching and Learning	
		Strategies	
 The learner: follows the sets rules, policies, and regulations when performing office duties. participates in making effective decisions for running the office. analyses the effects of delegating office duties. exercises power and authority in office administration. 	 Office rules, policies and regulations Decision making Process Delegation of duties Power and authority Challenges of delegation and how to overcome them. 	 Lead a discussion on the rules, policies and regulations of office administration and management. Let learners role-play on how to execute power and authority if an office. Ask learners to brainstorm on the importance and challenges of delegating office duties. 	



Task learners to:

- i) discuss the reasons why officers delegate their duties.
- ii) develop rules and regulations that can be used to govern office activities.

Sub-module 6: Basic Office Security

Duration: 6 hours

Competences	Content	Teaching and Learning Strategies
The learner: • observes the principles of office security. • sets mitigation measures against office risks. • observes security of office property.	 Basic principles of security. Importance of office Security Office risks Preventive measures against office risks(Internal and External) 	 Lead a guided discussion on the principles and importance of office Security. Task learners to identify the potential security risks that take place in the office. Let learners brainstorm on how to maintain security of office property.

Assessment Strategies

- i) Assess learners on the importance of ensuring security in an office.
- ii) ask learners to suggest preventive measures against office risks.

Sub-module 7: Handling of Mails

Duration: 10 Hours

Duration, 10 flours		
Competences	Content	Teaching and
		Learning Strategies
The learner: classifies mails according to their categories. carries out postal mail services when working with post office. performs any	 Classification of mail The post office and postal mail services Incoming and outgoing mails Aids in handling 	 Take learners to any nearby reception office to get exposure on mail handling. Let learners roleplay on how to perform postal mail services.

Competences	Content	Teaching and
		Learning Strategies
telegraphic duties assigned by management.	mails • Telegraphic services	Demonstrate the execution of telegraphic services.

Let learners:

- i) classify telegraphic services.
- ii) discuss the procedures involved in handling mails.

Suggested References

- Harrison, R. and Bosman, M. (2013). FET First Office Practice; Student's book level 4. Troupant publishers (Pty) Ltd. Northcliffe.
- McLeod and Hare (2006). How to Manage Records in the Environment. 2^{nd} edn, London, Rutledge.
- Chopra, C. N. (2005). Office Management. 5th dn; New Delhi, Mc-Graw-Hill.
- Keizire, V. B, (2000). Comprehensive Notes of Office Practice. Kyambogo, ITEK.
- Mills, G., Standing Ford, O. and Appleby, R. C. (1990). Modern Office. Hong Kong, ELBS Pitman.
- Saleemi, N. A (2008). Office Administration Simplified. *3rd edn*; Nairobi, Saleemi.
- Saleemi, N. A. (2006). Office Management, 5th Edition. Nairobi, Saleemi.



NCSM114: Shorthand

Duration: 75 Hours

Overview

The module introduces the learner to the basic principles of writing Shorthand and equips him/her with skills to differentiate between consonants and vowels; write and read from printed materials and transcribe with ease from dictated simple sentences.

Learning Outcome

By the end of this module, the learner should be able to read and write in shorthand and transcribe from shorthand to longhand.

Sub-module 1: Introduction to Shorthand

Duration: 15 Hours

Competences	Content	Teaching and Learning Strategies
The learner: • justifies the importance of using shorthand method of writing. • drills the first six consonants. • writes short forms attached to the first 6 consonants. • pronounces words with long "a" and short "e" correctly. • applies short forms to make phrases. • uses punctuation marks correctly.	 Definition of shorthand Importance of shorthand The first 6 consonants (P, B, T, D, CH, J) Short forms derived from the first 6 consonants. Second place Vowels long "a" & short "e" Phrasing and tick "the" Punctuation marks 	 Ask learners to discuss the importance of using shorthand. Illustrate how to write the first 6 consonants and ask learners to drill them. Guide learners to pronounce the second place vowels used in shorthand. Illustrate the use of tick "the" in writing phrases. Illustrate the use of punctuation marks in sentence construction.

- i) Give learners assignments to write words using the first 6 consonants, long "a" & short "e".
- ii) Dictate simple sentences for learners to write in shorthand.

Teaching and Learning Resources

Charts of the:

- first 6 consonants.
- long "a" & short "e".

Sub-module 2: Curves

Duration: 12 Hours

Competences	Content	Teaching and Learning
		Strategies
 Writes the eight curved consonants of shorthand. writes short forms derived from the eight curved consonants. applies vowels - long "O" and short "U" to form words. constructs phrases using words & short forms. 	 The eight curved consonants (F, V, ITH, TH, S, Z, SH, ZH) Short forms derived from the eight curved consonants. Second place Vowels long "O" & short "U" Phrases derived from short forms and words. 	 Illustrate the writing of the eight curved consonants. Guide learners to write short forms derived from the eight consonants and ask them to drill. Demonstrate the pronunciation of the second place vowels - long "O" and short"U" and let them rehearse. Give learners tasks to write phrases using short forms and words.

Assessment Strategies

Give learners exercises to:

- i) drill the eight curved consonants.
- ii) write words using the long "0" & short "U".
- iii) transcribe phrases from shorthand to longhand.



Teaching and Learning Resources

Charts of the long "O" and short "U"

Sub-module 3: Forward Consonants

Duration: 12 Hours

Competences	Content	Teaching and Learning Strategies
The learner: drills the 8 forward consonants of shorthand. writes short forms from the 8 forward consonants. phrases words using the 8 forward consonants.	 The eight forward consonants (K, G, M, N, NG, L, W, Y) Short forms derived from the 8 forward consonants. Phrases derived from the 8 forward consonants and short forms. 	 Guide learners to pronounce and drill words with the 8 forward consonants. Let learners drill the short forms of the 8 forward consonants. Give learners exercises to write phrases from words with the 8 forward consonants and short forms.

Assessment Strategies

- i) Assign learners to write words with the 8 forward consonants.
- ii) Dictate words with forward consonants for learners to write in shorthand.

Teaching and Learning Resources

Charts of the 8 forward consonants

Sub-module 4: The First Place Vowels

Duration: 10 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner: • uses the first place vowels to construct words. • writes short forms attached to first	 Long ah, short a, long aw, short o Short forms attached to the first place vowels 	 Guide learners on the positioning of the first place vowels to the words. Task learners to write short forms using first

Competences	Content	Teaching and Learning
		Strategies
place vowels. constructs phrases using first place words and short forms.	Phrases from the first place vowels and short forms	place vowels. • Demonstrate the phrasing of words with first place vowels and short forms.

Give learners exercises to:

- i) write words using first place vowels.
- ii) make class presentations on how to pronounce words with first place vowels.

Teaching and Learning Resources

Charts of Long ah, short a, long aw, short o

Sub-module 5: Third Place Vowels

Duration: 12 Hours

Competences	Content	Teaching and Learning Strategies
The learner: uses the third place vowels in writing words. writes short forms attached to third place vowels. makes phrases using third place words and short forms.	 Long e, short i, long oo, short oo. Short forms attached to the third place vowels Phrases derived from the third place vowels and short forms 	 Illustrate to learners how to position third place vowels on words and ask them to drill. Guide learners to drill short forms attached to third place vowels. Illustrate the writing of phrases using third place vowels and short forms.

Assessment Strategies

Assign learners to write:

- i) words using third place vowels.
- ii) phrases using words and short forms derived from third place vowels.



Teaching and Learning Resources

• Charts of long e, short i, long oo, short oo.

Sub-module 6: Two forms of r

Duration: 14 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: applies the principles of upward r (ray) and downward r (ar) in writing words. writes short forms attached to the two forms of R makes phrases derived from the two forms of R and short forms. 	 Upward r(ray)and downward r (ar) Short forms attached to the two forms of R. Phrases derived from words with the two forms of R 	 Illustrate the application of the two forms of R for learners to drill. Guide learners to write short forms attached to the two forms of R. Task learners to write phrases derived from words with R and short forms.

Assessment Strategies

- i) Assign the learner to write words with upward r (ray) and downward r (ar).
- ii) Write phrases and short forms attached to both forms of R.

Teaching and Learning Resources

Charts of upward r(ray) and downward r(ar)

Suggested References

Ball, B., (2004). Student Learning Guide. Pitman Publishing

Canning, B.W., (2000). Shorthand Dictation and Practice.

Canning, B.W., (2002). Shorthand New Course. London, Pitman Publishing Ltd.

Pitman, I., (2008). New Course, New Era Shorthand. India, Dorling Kindersley Pvt Ltd.

Pitman, I., (2003). New Course New Era Shorthand. New Zealand, Pitman Publishing Ltd.

CSM Typewriting

Duration: 75 Hours

Module Overview

The module introduces the learner to practical knowledge and skills of typing scripts and general information. The learner will get exposure to the keyboard and master the positions of the different keys for typing purposes.

Learning Outcomes

By the end of the module, the learner shall be able to:

- i) manipulate the keyboard.
- ii) type and produce clerical documents at a speed of 20 words per minute.

Sub-module 1: Introduction to Typewriting

Duration 12 Hours

Competences	Content	Teaching and Learning	
		Strategies	
 The learner: identifies the types of typewriters. names the parts of a typewriter and their uses. justifies the importance of a typewriter. observes the correct sitting posture while typing. 	 Types of typewriters Parts of a typewriter and their uses Typewriter care and maintenance Importance of a typewriter Typewriting sitting posture 	 Lead a guided discussion on the types of typewriters. Demonstrate to learners how to use the different parts of a typewriter and let them practise. Let learners brainstorm the importance of typewriters. Demonstrate the typing sitting posture, emphasizing its relationship to one's health. 	

Assessment Strategy

Task learners to identify parts of a typewriter/computer state their functions.



Sub-module 2: The Keyboard

Duration: 16 Hours

Competences	Content	Teaching and Learning Strategies
The learner: • masters the home row keys. • applies the upper and lower row keys correctly in typewriting. • applies the shift key and shift lock while typewriting. • masters the upper case keys. • uses the carriage return lever to create new lines while typewriting.	 Home row keys Upper and lower rows keys Shift key and shift lock Upper case Carriage return lever 	 Demonstrate to learners how to place fingers on the home row keys and let them emulate. Demonstrate how to place fingers on the upper and lower row keys and let learners have repeated practice. Demonstrate how to use the shift key and shift lock in typewriting, and let learners practise. Guide learners to use the carriage return lever.

Assessment Strategy

Assign learners to typewrite the home row keys and produce documents using the upper and lower cases.

Sub-module 3: Speed and Accuracy Building

Duration: 18 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: types words in alphabetical order. drills words and sentences. masters the additional keys on the keyboard. types using the blind touch technique. 	 Alphabetical review Word and sentence drills Complete masterly of additional keys Blind touch typing 	 Guide learners to type words in alphabetical order. Task learners to drill words and sentences using a keyboard. Guide learners to manipulate the keyboard using the blind touch typewriting technique.

Assessment Strategy

Give learners exercise to type using a blind touch technique.

Sub-module 4: Paper Use

Duration 14 Hours

Competences	Content	Teaching and Learning Strategies
The learner: types work on different paper layouts. uses the different paper sizes for typing. selects proper quality paper for typewriting.	 Paper layout (Portrait and landscape) Paper sizes Paper quality Disadvantages of using a wrong paper for typing. 	 Demonstrate to learners how to insert paper in different layouts. Display to learners the different paper sizes and let them use them to type documents. Display to learners the standard paper quality for typewriting. Let learners discuss the disadvantages of typing on a poor quality paper.

Assessment Strategy

Assign the learner to produce work on different paper layout.

Sub-module 5: Simple Displays

Duration 15 Hours

Competences	Content	Teaching and
		Learning Strategies
 The learner: centres work horizontally and vertically. displays work using line centring. displays work using block centring. 	 Horizontal centring Vertical centring Line centring Block centring Column work 	 Demonstrate the display of work using different centring techniques. Guide learners to type work in
types work in columns.		columns.



Assessment Strategy

Task learners to produce work in different centring formats.

Suggested References

- Gregg, C. (2011). Keyboarding and Document Processing Lessons. 11th edn: McGraw Hill Publishing Company.
- Owen B. (1998). Typing for Beginners; A Basic Typing Handbook. New York, Tarcher Perige.
- Scot, O. (2014). Improving Speed and Accuracy in Keyboarding. 14th edn: McGraw, Hill Publishing Company.

SM1 Real Life Project

Duration: 60 Hours

Module Overview

The module will introduce the learner to real-life activities that will spark off his/her lookout for business opportunities and develop his/her skills to plan and work in a real-life context to build employable skills.

Learning Outcomes

By the end of this module, the learner should be able to identify a project, plan for the source of funds and other required resources and start up a real-life project related to the programme.

Project Identification and Planning

Duration: 60 Hours



Sample Projects

A learner shall choose an affordable project that exposes him/her to business dealings such as:

- Typing services
- Designing cards
- Stationary shop
- Documentation
- Internet café

A learner may select one of these projects or take on any other of his/her own choice to run during the programme.

Suggested References

- Harold, K., (2010). Project Management: A Practical Planning and Implementation Guide. Nairobi, CBPS Publisher & Distributors.
- Jason, W., (2006). The Project Management Life Cycle: A Complete Step by Step Method for Initiating, Planning, Executing and Closing a Project Successfully; New York, McGraw Hill Publishing Company Ltd.
- Kerzner H. (2002). Project Management: A System Approach to Planning, Scheduling and Controlling; 2nd edn. California, CBP Publishing Company.
- Lewis, J.P., (2004). Project Planning Schedule and Control: A Hands-on Guide to Bringing Projects in on Time and on Budget. New Delhi, New Age International (P) limited.

Detailed Module Description for Year 1 Semester

CSM Shorthand

Duration: 75 Hours

Module Overview

The module will enhance the learner's listening skills as dictations are made for him/her to write in shorthand. The module involves writing of phrases with diphthongs, Triphones, hays, loops, sways, and halved words.

Learning Outcome

By the end of this module the learner should be able to:

- i) takes dictation in shorthand at a speed of 40 minutes per minute.
- ii) transcribe shorthand notes into longhand.

Sub-module1: Diphthongs and Triphones

Duration: 15 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: writes words using the 4 diphthongs. writes words with Triphones. writes short forms attached to diphthongs. makes phrases derived from words with diphthongs, triphones and short forms. 	 The 4 diphthongs (i, oi, ow, u) Triphones Short forms and phrases attached to diphthongs Phrases derived from words with diphthongs, Triphones and short forms. 	 Illustrate to learners the writing and positioning of the diphthongs and let learners drill. Guide the learners on how to write short forms attached to diphthongs and ask them to drill. Guide learners to phrase words and short forms derived from diphthongs, and triphones.

Assessment Strategy

Give learners assignments to write words with diphthongs and triphones.



Sub-module 2: Consonant H

Duration: 10 Hours

Competences	Content	Teaching and Learning
		Strategies
 The learner: writes words using downward and upward H (hay). phrases words derived from downward and upward H(hay). 	 Downward H (hay) and Upward H (hay) Writing phrases with consonant H 	 Illustrate the writing of downward and upward H. Guide learners to construct phrases and short forms derived from downward and upward H.

Assessment Strategies

Give learners exercises to:

- i) drill words with upward and downward H.
- ii) write phrases and short forms with upward and downward H.

Sub-module 3: S Circle

Duration: 10 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: applies the principles of the S circle in shorthand. writes short forms attached to S circle writes phrases derived from S circle and short forms. 	 Principles of the S circle Short forms Writing phrases from S circle 	 Illustrate to learners the writing of the S circle. Guide learners on the principles writing the S circle. Give learners tasks to phrase words and short forms derived from S circle.

Assessment Strategies

- i) Give learners exercise to write words with curves and straight strokes attached to S circle.
- ii) Dictate sentences with S circle for learners to write in shorthand.

Sub-module 4: St and Str Loops

Duration: 14 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: applies the principle of st and str loops in writing words. writes short forms derived from st and ster loops. writes phrases and short forms derived from st and str loops. 	 Principles of the st and str loops Short forms of st and str loops Phrases derived from st and str loops 	 Illustrate to learners how to write and position st and str loops on words. Illustrate to learners how to write short forms with st and str loops. Guide learners on tasks to construct phrases and short forms derived from st and str loops.

Assessment Strategy

Give learners a passage with words of st and str loops to transcribe from shorthand to longhand.

Sub-module 5: Ses and Sway circles

Duration: 14 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: applies the principles of ses and sway circles in shorthand. writes short forms derived from ses and sway circles. writes phrases using words and short forms from ses and sway circle. 	 Principles of ses and sway circles. Short forms and phrases derived from Ses and Sway circles Sentence construction using ses and sway. 	 Ask learners to drill the ses and sway circles. Guide learners to write short forms with ses and sway circles. Guide learners on tasks to construct phrases and short forms derived from ses and sway circles.

Assessment Strategies

i) Assign learners to write words with ses and sway circles.



ii) Dictate phrases with ses and sway circles for learners to write in shorthand and transcribe in longhand.

Sub-module 6: Halving

Duration: 12 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: halves strokes to form words. writes short forms derived from halved stroke. writes phrases derived from halved words and short forms. 	 Principles of halving Short forms of halves Phrases derived from halves 	 Illustrate to learners how to halve strokes to form words and ask them drill. Demonstrate how to write short forms and let learners drill. Illustrate to learners how to write phrases from halved words and short forms.

Assessment Strategy

Dictate short forms and phrases derived from halving principles for learners to write in shorthand.

Suggested References

The Pitman Dictionary of English and Shorthand

Basha, M. (2017). Pitman Shorthand Instructor and Key. Pearson.

Pitman, I. (2000). Shorthand Phrase Book. 2nd edn; Pitman Publishing Limited.

Pitman, (2000) Shorthand: An Introduction for Teachers.

Pitman, (2006). Shorthand New Module. Wheelers Publishing Company.

NCSM123: Typewriting

Duration: 75 Hours

Module Overview

This module will enhance the learner's skills to type and reproduce documents that are well punctuated and typeset. It requires the learner to proofread texts and make corrections to bring out the required meaning of the message.

Learning Outcomes

By the end of this module the learner should be able to:

- i) interpret abbreviations and type them in full.
- ii) type and reproduce documents at a speed of 30 words per minute.

Sub-module 1: Paragraphs and Headings

Duration 16 Hours

Competences	Content	Teaching and
		Learning Strategies
The learner:	 Simple paragraphs 	 Guide learners to
 displays work 	 Subject Headings 	type passages with
with different	 Paragraph Headings 	different types of
paragraphing	 Hanging paragraphs 	paragraphs.
styles.	 Shoulder headings 	 Demonstrate texts
 types documents 	Side headings	with different
with different	 Inset paragraphs with 	heading styles.
forms of headings.	tabulation	 Give learners texts
 types with speed 	Speed and Accuracy	to type to improve
and accurately.	development	on their speed and
		accuracy.

Assessment Strategy

Give learners assignments to type work with different forms of paragraphs and headings.

Teaching and Learning Resource

Documents with different paragraphing styles



Sub-module 2: Manuscript

Duration: 14 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	• Correction	Discuss with learners the
 interprets the 	Signs	meanings of correction
correction signs and	 Proof reading 	signs and let them
produces a type	 Typing 	produce typescripts.
script.	abbreviations	Guide learners on how to
 produces error free 	in full	proof read documents.
typescripts.		Lead a guided discussion
 types abbreviations 		on the common
in full.		abbreviations and how to
		type them in full.

Assessment Strategy

Give learners tasks to produce typescripts using manuscripts with correction signs and abbreviations.

Teaching and Learning Resources

Samples of abbreviations and correction signs

Sub-module 3: Correspondences

Competences	Content	Teaching and Learning
		Strategies
The learner:	 Addressing 	 Give learners tasks to
 types and addresses 	business letters	type well addressed
business letters	 Addressing 	business letters.
correctly.	memos	 Guide learners on the
 types and addresses 	 Addressing 	typing of different
internal and external	envelopes	formats of memos.
memos correctly.		 Demonstrate the
 addresses envelopes. 		placing of an envelope
		for typing the address.

- i) Assign the learner to draft and produce a mailable letter.
- ii) Task learners to type a memo from a draft.

Teaching and Learning Resources

- Samples of business letters and memos
- Envelopes

Sub-module 4: Production of Copies

Duration: 16 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: uses carbon papers to produce copies. cuts stencils to produce copies on a duplicating machine. 	 Continuation sheets Using carbon paper Stencil cutting 	 Demonstrate the laying of the continuation sheet for typing. Guide learners to reproduce copies of a document using carbon paper. Demonstrate the cutting of stencil for use in typing.

Assessment Strategy

Give an exercise to the learners to type letters and produce carbon copies.

Teaching and Learning Resources

- Continuation sheet
- Carbon paper
- Stencils

Sub-module 5: Forms

Competences	Content	Teaching and Learning
		Strategies
The learner:	Parts of a form	Lead a guided
 selects an 	Layout of a form	discussion on the types
appropriate lay out	Typing forms	of forms used in typing.
in designing forms.	for reproduction	Illustrate the designing



Competences	Content	Teaching and Learning
		Strategies
types the different	Filling in forms	of forms using a
forms for	on the	typewriter.
reproduction.	typewriter.	Guide learners to fill
 fills in the forms 		different forms with the
using a typewriter.		help of a typewriter.

Give learners homework to design forms and fill them using a typewriter.

Teaching and Learning Resource

Sample forms

Suggested References

- Gregg, C. (2011). Keyboarding and Document Processing Lessons; 11th Edition: McGraw, Hill Publishing Company.
- Owen, B. (1998). Typing for Beginners: A Basic Typing Handbook. New York, Tarcher Perige.
- Scot, O. (2014). Improving Speed and Accuracy in Keyboarding; 14th edn: McGraw, Hill Publishing Company.
- Walmsay, (2010). Commercial Typewriting. 10th edn: Pitman Publishing Company.

NCPE123: Principles of Economics

Duration: 45 Hours

Module Overview

This module introduces the learner to micro and macroeconomics concepts and practices that develop their skills to analyse, assess, interpret and mitigate economic problems that arise from scarcity and public issues such as unemployment, income inequality, inflation and competition. It covers the basic skills necessary to understand the supply and demand principles of business, production and cost theories, market structures, consumer equilibrium, money and banking functions, national income and trading across borders. These are potential areas applicable to real-life situations in today's global markets for stimulation of self-employment.

Learning Outcomes

By the end of this module, the learner should be able to:

- i) analyse the economic problems for business purposes.
- ii) produce goods and services that provide consumer satisfaction.
- iii) trade locally and internationally.

Sub-module 1: Economic Concepts



Give learners a case study about an economic problem and task learners to apply the economic concepts in real life situations to solve the problem.

Teaching and Learning Resources

- Economic reports
- Newspapers
- Journals

Sub-module 2: Price Theory

Duration: 4 Hours

Content	Teaching and
	Learning Strategies
 Concepts of demand and supply. Demand function, schedule and curves Supply function, schedule and curves Determination of Equilibrium Price and Quantity (graphical and numerical) Price Mechanism 	 Lead a guided discussion on the factors that affect demand and supply of a commodity. Illustrate: Graphically the equilibrium point of the demand and supply. The concepts of elasticity of demand and supply The concept of price mechanism.
•	Concepts of demand and supply. Demand function, schedule and curves Supply function, schedule and curves Determination of Equilibrium Price and Quantity (graphical and numerical)

Assessment Strategies

Task learners to:

- i) prepare the demand and supply schedules.
- ii) draw the demand and supply curves.
- iii) determine the equilibrium point.

Teaching and Learning Resources

- Price lists
- Graph paper

Sub-module 3: Consumer Behaviour

Duration: 4 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: analyses the trends of customer behaviour. relates the utility theories to the prevailing consumer behaviour. draws graphically the budget line of the consumer. 	 Cardinal utility theory Ordinal utility theory Budget line of the consumer 	 Demonstrate how the Cardinal and Ordinal theories of economics can be applied in a Ugandan economic system. Guide learners on how to determine a graphical budget line of a consumer.

Assessment Strategy

Give learners homework to research on the assumptions of the Cardinal and Ordinal utility theories and how they relate to the economic conditions in Uganda.

Sub-module 4: Production Theory

Competences	Content	Teaching and Learning Strategies
 The learner: identifies the types, stages and factors of production classifies tasks in the production process determines the cost of production. describes the economies and diseconomies of scale. 	 Types of production (Direct and Indirect) Stages of production Factors of production Specialisation and division of labour Costs of production Economies and 	 Guide learners to brainstorms the types, stages, and factors of production. Task learners to compute cost of production. Illustrate the graphical representation of economies and



Competences	Content	Teaching and Learning Strategies
determines location, revenue and profit of the firm.	diseconomies of scale Location of a firm Theory of revenue and profit	diseconomies of scale. • Let learners discuss in groups the factors to consider when selecting location of a firm.

Assess learners on the:

- i) factors of production.
- ii) cost of production.
- iii) economies and diseconomies of scale.
- iv) factors to consider when locating a production firm.

Teaching and Learning Resources

- Journals
- YouTube Slides

Sub-module 5: Market Structures

Competences	Content	Teaching and Learning Strategies
 The learner: describe the operations of market structures. determine the equilibrium of different market structures. identifies market structures in an economy. 	 Perfect competition Monopolistic competition Monopoly Oligopoly 	 Illustrate the equilibrium level of a market's operations using cost and revenue curves. Divide learners in groups to discuss advantages and disadvantages of different market strictures.

Assess learners on the different market structures.

Teaching and Learning Resources

- Economic reports
- Newspapers
- Journals
- YouTube slides

Sub-module 6: National Income

Duration: 6 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: computes the level of national income. justifies the uses and limitations of measuring national income analyses the inflows and outflows of a nation's income. compares national income and the standard of living. computes and interprets the price indices. computes the equilibrium level of the nation's income. invests and saves income. 	 Definition National Income, Approaches to the measurement of National Income Circular flow of income Uses of National Income statistics, (GDP, GNP, Per Capita Income) Problems faced in compiling national income statistics 	 Illustrate how National income figures are measured. Lead a guided discussion on the importance of National income statistics. With the help of a case study, let learners discuss the problems encountered in measuring national income figures. Illustrate the Circular Flow of income. Give learners tasks on compute price indices.

Assessment Strategy

Give learners exercises to compute the National Income statistics.



Teaching and Learning Resources

- National budgets
- Uganda Bureau of statistics reports
- URA reports

Sub-module 7: Money and Banking

Duration: 6 Hours

Competences	Content	Teaching and Learning Strategies
The learner: defines money. identifies the functions of money. describes the functions of s central bank operates as a banking agent uses e-banking to run business.	 Definition of money, functions, qualities of good money Functions of Commercial banks Functions of a Central bank Emerging trends in banking Agentbanking E-banking Mobile money banking 	 Guide learners to discover the qualities and functions of money from their daily experiences. Invite a bank official to give a public lecture on the functions of Commercial and Central banks. Group learners to discuss the non-banking financial organisations. Demonstrate the e-banking process using e-banking application in a mobile phone Visit with learners an agent banking outlet.

Assessment Strategies

Assess learners on:

- i) features and characteristics of good money.
- ii) functions of commercial and central banks.
- iii) e-banking.

Teaching and Learning Resources

- Monetary policy reports
- News paper articles
- Currency notes and coins
- Mobile money facility (Mobile phone)
- · Banking videos

Sub-module 8: Inflation

Duration: 4 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: identifies the types of inflation. analyses the causes and effects of inflation. sets measures to mitigate inflation. 	 Types of inflation Causes of inflation Effects of inflation Controlling inflation 	 Lead a discussion on the types of inflation. Group learners to discussion the causes and effects of inflation. Let learners brainstorm on the ways of controlling inflation.

Assessment Strategies

- i) Give learners assignment to identify issues that give rise to inflation.
- ii) Let learners have class presentations on the control of inflation in an economy.

Teaching and Learning Resources

- Inflation rate charts
- Price list charts
- Receipts

Sub-module 9: International Trade

Duration: 6 Hours		
Competences	Content	Teaching and
		Learning Strategies
The learner: • applies the terms used in international trade correctly. • justifies the importance of international trade.	 Importance of International Trade Problems of international trade. Terms used in International trade Restrictions to 	 Guide learners on the importance of international trade. Lead a guided discussion on the problems a country like Uganda may
 analyses the problems of trading internationally. 	International Trade • Foreign aid	encounter when it involves in international trade.



Assess learners on the importance of international trade.

Teaching and Learning Resources

- Business news articles
- Documents used in international trade such as Balance of payment,
 Terms of trade

Suggested References

- Birungi, P. and Mutenyo. (2001). Principles of Economics. Kampala, Uganda.
- Harvey, J., (1997). Modern economics; London, MacMillan Education publishers.
- Koutsoyiannis, A., (1979). Modern Micro economics, 2nd Edn. New Delhi, MacMillan Education Ltd.
- Lipsey G. R., (1999). Introduction to Positive Economics. 12th edn; Boston, the Addison-Wesley Publishers.
- Saleemi N. A, (1991). Economics simplified. Northampton. Edward Elgar Publishing Ltd.
- Ssentamu, J. D., (2010). Basic Economics for East Africa: Concepts, Analysis and Applications. Kampala, Fountain House Publishers.
- Tayebwa, B. M. (2007). Basic Economics. Kampala, Uganda.

NCCA124: Computer Applications

Duration: 60 Hours

Module Overview

This module introduces learners to the use of computers. It will provide learners with basic knowledge and skills to familiarise with the use and working of computers using different modern information communication technologies. They will acquire hands-on experience in Microsoft office applications such as Word processing, Spread sheet, Database applications, publication and the use of internet resources; that will enable them to digitally access, process, store, and disseminate information.

Learning Outcomes

By the end of the module, the learner should be able to;

- i) use and manipulate a computer to prepare documents.
- ii) search web based information from the Internet.

Sub-module 1: Introduction to Computer

Duration: 6 Hours			
Competences	Content	Teaching and Learning	
		Strategies	
The learner: • identifies the origin of a computer. • describes the types of computers • describes the components of a computer. • boots and shuts a computer.	 Origin of computer Types of computers Components of a computer Starting a computer, Closing down the computer Computer Hardware 	 Lead a guided discussion on the origin computers. Display components of a computer for learners to identify their functions. Guide learners through practice to start and close a computer. Demonstrate the use of the different components of a computer. Let learners demonstrate 	
• identifies the computer	 Computer Software; 	the removal and replacement of computer	
hardware. • identifies the	(Video card, network cards,	RAMS. • Guide learners to use the	
computer	ROM, RAM,	keyboard to manipulate	



Competences	Content	Teaching and Learning Strategies
software, observes the need for computers. identifies the dangers of using computers. provides safety and security of a computer.	cameras, processors) Importance of a computer. Dangers of using computers, Safety and Security of a computer	 the typing techniques. Lead a guided discussion on the uses and dangers of computers. Guide learners through practice to implement the safety and security measures of a computer.

Assign learners to identify and sort out computer hardware, components according to their application.

Teaching and Learning Resources

- Computer
- External drives
- Keyboard
- Mouse
- Memory cards
- RAM sets

- CPU
- Monitor/screen
- UPS
- Power cables
- Power source

Sub-module 2: Operating System

Competences	Content	Teaching and Learning Strategies
The learner: classifies the computer operating systems. describes the operation of the computer system.	 Types and classification of operating systems. Functions of an operating system. Benefits of operating 	 Assign learners to research on the types and classifications of operating systems and make class presentations. Lead a guided discussion on computer operating
 identifies the 	Systems	system and its

Competences	Content	Teaching and Learning
benefits of using the computer operating systems. • installs and uninstalls windows operating system, application software and other support programmes.	Installation of windows operating system and application software	functions. Guided learners through a discussion on types, classification and benefits of computer operating system. Demonstrate the procedure of installing and uninstalling operation system and other support computer programmes.

Give learners assignment to install and uninstall the computer operating system.

Teaching and Learning Resources

Computers with installed operating system

Sub-module 3: Desktop Main Menu

Daration, 6 Hours		
Competences	Content	Teaching and Learning Strategies
The learner: locates the desktop start menu,. creates desktop background and screen saver. identifies icons on desktop and their application. resizes windows.	 Start Menu Applications menu Working with the desktop background and screen saver. Icons, files and folders Manipulating 	 Guide learners through practice to locate desktop start menu. Guide learners through practice to create desktop background and screen saver from default settings. Demonstrate the application of various icons on
minimises	open	various icolis oli



Competences	Content	Teaching and Learning
		Strategies
windows to task	windows;	desktop and allow
pane.	resizing,	learners to practise.
 closes and opens 	maximizing,	 Demonstrate the
windows from	minimizing	resizing, minimizing
task pane.	task pane,	and maximizing of
	and tiling	open windows.
	windows.	

Assign learners to:

- i) create desktop background and screen saver from default settings and pictures or photographs saved in the computer.
- ii) pply the different icons of the computer to produce documents.

Teaching and Learning Resources

- Functioning computers
- Monitors/screens
- Power

Sub-module 4: Word Processing

Competences	Content	Teaching and Learning Strategies
The learner: • starts, creates or opens a Word window. • works with texts and manages files. • uses Word menus to typeset and edit documents.	 Starting, creating and opening a Word window Working with texts Word menus for document editing; e.g. copy, paste, cut Saving a Word document Formatting a page, document, and 	 Guide learners to open new documents and work with texts to manage files. Guide learners through practice to use Word menus for document editing; e.g. copy, paste, cut. Guide learners through demonstrations and practice to save a document in different formats and to a

Competences	Content	Teaching and Learning
		Strategies
formats	paper size	storage media, e.g.
documents.	 Working with 	flash disc.
• saves	tables	Demonstrate the
documents	 Working with 	formatting of a page
to different	drawings,	and documents for
to storage	clipart and	learners to practise.
media.	pictures	

Give learners assignment to type documents and save on the desktop.

Teaching and Learning Resources

- Computers
- Power source
- Power cable
- Monitor

Sub-module 5: Printing, Scanning and Copying Documents

Competences	Content	Teaching and Learning Strategies
The learner: • installs a printer to the computer. • describes the procedure followed when printing documents. • inserts tonner in the printer. • prints documents. • scans documents. • observes	 Installing a printer Working with printer cartridges and toners Printing documents Scanning documents and pictures Safety, security and health precautions 	 Guide learners through practice to install the printer to a computer. Guide learners on the insertion of tonners into a printer. Demonstrate the printing of a document. Guide learners through practice to scan and copy documents. Guide learners to



Competences	Content	Teaching and Learning Strategies
security and safety precautions printing and scanning documents.	when printing and scanning documents.	observe security and safety precautions when printing and scanning documents.

Give learners tasks to type and print documents.

Teaching and Learning Resources

- Working computers
- Power source
- Printer
- Scanner
- Tonner/Cartridge

Sub-module 6: Microsoft Excel

Competences	Content	Teaching and Learning Strategies
The learner:	 Creating an excel document. Entering data to a spreadsheet, editing and formatting a datasheet Using formulas and functions Creating/plotting charts and graphs from excel data values Inserting tables to excel worksheet Printing a spreadsheet 	 Guide learners through practice to create excel documents. Give learners tasks to enter data in excel sheets. Guide learners through practice to calculate using excel formulae. Demonstrate the insertion of tables, charts, and graphs in excel documents.

Give learners test to enter data in excel sheets and apply the formulae for addition and multiplication to calculate figures.

Teaching and Learning Resources

- Computers
- Power source
- Samples of excel documents
- Printer

Sub-module 7: Internet and E-mail

Compatonces	Content	Touching and
Competences	Content	Teaching and
		Learning Strategies
The learner:	The Internet, Web	 Demonstrate the
 connects to an internet 	Browsers	connections to
website.	 Opening a website; 	internet websites.
 surfs information from 	website address.	Guide learners
the internet, downloads	 Internet surfing and 	through practice to
saves information from	search engines	browse information
the internet.	Saving information from	from the internet.
 creates a strong 	the Internet,	 Guide learners to
password for the email	downloading files,	save downloaded
address.	music, pictures to the	information.
 creates an e-mail 	computer	 Demonstrate the
address.	Electronic mail	creation of an e-mail
 creates an e-mail 	- Creating email	account and
password.	account	password.
 connects two computers 	 E-mail folders and 	 Give learners tasks to
in one room to a LAN.	attachments	write and send
 sends messages through 	 Attaching documents 	messages through e-
e-mails.	to outgoing email	mails, with an
 downloads messages 	 Downloading email 	attachment.
received through e-	attachment	 Lead a guided
mails.	- Formatting mail	discussion on the
 observes the health, 	- Searching mail	security, safety and
safety, and security	 Health, safety and 	health practices to be
precautions when using	security precautions	observed when using
the internet.	when using the Internet	the internet and e-
	and email.	mail.



Give learners exercises to:

- i) open e-mail addresses.
- ii) write and send to each other electronic mails.

Teaching and Learning Resources

- Computers
- Internet connections

Sub-module 8: Basic Networking

Duration: 8 Hours

Competences	Content	Teaching and Learning Strategies
The learner:	 Introduction to computer networking Types of network; WAN (Wide Area Networks), LAN (Local Area Network) Types of communication media; cables, wireless, optic fibres Connecting a computer to a network. Troubleshooting simple connection problems. Connecting and configuring a printer to a network 	 Lead a guided discussion on the types of networks. Guide learners to connect to both cable and wireless networks. Demonstrate the procedure of networking and allow learners to practise. Demonstrate the installation and disconnection of a network computer and modem. Guide learners to troubleshoot network problems.

Assessment Strategy

Give learners assignments to send messages through LAN.

Teaching and Learning Materials

- Internet router
- Data cable
- Computer

• Local area Network connections

Suggested References

- Bazi, M, Baguma, I. & Anjoga, H. (2007). Unmasking Information Communication Technology. 1st edn: Kampala, Uganda.
- Moya, M. and Nyeko, S. (2009). Information and Communication Technology in Business. $1^{\rm st}$ Edition.
- Saleemi, N.A. (1997). Electronic Data Processing Simplified.. Nairobi, Saleemi Publishers , Kenya.



NCED125: Elements of Entrepreneurship Development

Duration: 60 Hours

Module Overview

The module will equip the learner with creative and innovative skills and ability to look out for opportunities by manipulating the natural and manmade resources into business. It is intended to make the learner develop a positive career attitude towards entrepreneurship as a means of making a living. It covers units concerning creativity and innovation, scanning the environment for business opportunities, planning a business, managing a business, and entrepreneurial ethics.

Learning Outcomes

By the end of this module, learners should be able to:

- i) generate business ideas
- ii) identify viable business opportunities.
- iii) mobilises business resources.
- iv) start and manage a business.

Sub-module 1: Concepts of Entrepreneurship

Competences	Content	Teaching and
		Learning Strategies
 The learner: defines entrepreneur and entrepreneurship. observes the qualities of an entrepreneur. identifies the types of entrepreneurs and what they do. justifies the roles of entrepreneurs in the community. describes entrepreneurship process. 	 Entrepreneur and entrepreneurship Characteristics/qualities of an entrepreneur Types of entrepreneurs Roles of an entrepreneur. Entrepreneurship process. Barriers to entrepreneurship development. 	 Let learners brainstorm the differences between entrepreneur and entrepreneurship. Let learners discuss in groups the qualities of a good entrepreneur and make presentations. Lead a guided discussion on the types and roles of

Competences	Content	Teaching and
		Learning Strategies
identifies the barriers to entrepreneurship development.		entrepreneurs in the community. Illustrate the process followed by entrepreneurs to create business. Guide learners on the barriers to entrepreneurship
		development.

Give learners group work to discuss the characteristics and qualities of a good entrepreneur.

Teaching and Learning Resources

- **Business** magazines
- Compendiums about entrepreneurs
- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Sub-module 2: Creativity and Innovation

Duration:	10 Hour	`S
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Competences	Content	Teaching and Learning strategies
 The learner: distinguishes between creativity and innovation. demonstrates the characteristics of a creative person. analyses the types and causes of innovation. 	 Distinction between Creativity and innovation Characteristics of a creative person Types of innovation Causes of 	 Let learners brainstorm on the differences between creativity and innovation Give learners tasks to research on the characteristics of creative and innovative persons.



Competences	Content	Teaching and Learning strategies
 identifies barriers creative and innovation thinking. justifies the benefits of innovation to small businesses. generates business ideas for setting up a business. 	 innovation Characteristics of innovative people Barriers to creative and innovation thinking. Benefits of innovation to small business. Sources of business ideas 	 Lead a guided discussion on the barriers to creative thinking. Group learners to discuss on the benefits of innovation in business and make classroom presentations. Guide a brainstorming session on the sources of business ideas.

- Task learners to discuss in groups barriers to creativity and how to overcome them.
- ii) Give learners homework to discuss the characteristics of an innovative person.

Teaching and Learning Resources

- Business magazines
- Compendiums about entrepreneurs
- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Sub-module 3: Business Opportunities

Competences	Content	Teaching and Learning Strategies
The learner:	 Identifying 	Assign learners to
 identifies business 	business	identify business
opportunities.	opportunities	opportunities in their
 screens business 	 Screening 	communities.
opportunities to	business	 Let learners make

Competences	Content	Teaching and Learning
		Strategies
select the most	opportunities	presentations on the
appropriate.	 Forms of 	identified business
 analyses the forms 	business	opportunities so as to
of businesses.	ownership (Sole	screen out the most
 sets up a business 	proprietorship	viable ones.
based on the	and partnership)	 Let learners discuss the
analysis and	 Establishing a 	requirements for
decisions made.	business	starting up a business.
 looks out for causes 	 Reasons for 	 Lead a guided
of businesses	success / failure	discussion on the forms
success/failure.	of businesses	of business ownership.

- i) Let learners discuss the different forms of business ownership.
- ii) Give learners assignment on the causes of business success and failure.

Teaching and Learning Resources

- Business magazines
- Compendiums about entrepreneurs
- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Sub-module 4: Small Scale and Medium and Enterprises (SMEs)

Competences	Content	Teaching and Learning Strategies
The learner:	Definition of SME	Lead a discussion on
 identifies the 	 Sources of Business 	the sources of business
sources of	ideas	ideas.
business idea.	 characteristics of 	 Let learners
 observes the 	small scale	brainstorm the
characteristics	enterprises	characteristics of small
of SMEs and	 Sources of capital 	scale enterprises.



Competences	Content	Teaching and Learning Strategies
their sources of capital. analyses the challenges faced by SMEs and the remedies to the challenges.	 to small scale enterprises. Importance of small scale businesses. Challenges faced by small scale businesses in Uganda. Remedies to the challenges 	 Lead a guided discussion on the sources of capital for small scale enterprises Give learners assignment to research on the challenges faced by small scale enterprises and suggest remedies to the challenges identified.

Organise a field study on the characteristics and challenges faced by small and medium enterprises.

Teaching and Learning Resources

- Business magazines
- Compendiums about entrepreneurs
- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Sub-module 5: Business planning

Competences	Content	Teaching and Learning Strategies
 The learner: makes a business plan. justifies the importance of a business plan. identifies the challenges involved in 	 Structure of a business plan Uses of a business plan Mobilising business resources. Challenges of planning a business 	 Illustrate to learners the different structures of a business plan. Ask learners to draw a business plan for their projects. Let learners make classroom presentations on the challenges
involved in making a	planning a business.	on the challenges encountered in preparing

Competences	Content	Teaching and Learning Strategies
 business plan. observes the role of government in entrepreneurshi p development. 	Government role in entrepreneurshi p development.	a business plan. • Lead a guided discussion on the role of government in entrepreneurship development.

Task learners to prepare a simple business plan.

Teaching and Learning Resources

- Business magazines
- Compendiums about entrepreneurs
- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Sub-module 6: Managing a Business

Competences	Content	Teaching and
P		Learning Strategies
 The learner: scans the environment within which to run a business. identifies the risks involved in managing a business. sets measures to sustain competition in business. exhibits good leadership skills to promote implementation of the business plans. 	 Business environment Business risks Sustaining competitiveness of a business Leadership and motivation in a business 	 Lead a discussion on how to manage a business in a changing environment. Invite an industrialist to guide learners on the risks involved in business and how to sustain competitiveness. Demonstrate the best leadership styles for learners to emulate.



Give learners:

- assignment to describe the macro and micro business environment.
- ii) homework to analyse the leadership styles, power and motivation of an entrepreneur.

Teaching and Learning Resources

- Business magazines
- Compendiums about entrepreneurs
- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Sub-module 7: Entrepreneurship Ethics

Duration: 6 Hours

Competences	Content	Teaching and Learning Strategies
The learner: appreciates the importance of entrepreneurship ethics. identifies the roles of ethics in entrepreneurship. describes the ethical challenges facing entrepreneurs. identifies solutions to ethical challenges.	 Introduction to entrepreneurship ethics Importance of entrepreneurship ethics Ethical challenges facing entrepreneurs. Solution to ethical challenges. 	 Guide group discussions on the importance and roles of ethics in entrepreneurship. Guide a brainstorming session on ethical challenges facing entrepreneurs and how to overcome them.

Assessment Strategy

Task learners to discuss, in groups, the importance and role of ethics in entrepreneurship.

Teaching and Learning Resources

- Business magazines
- Compendiums about entrepreneurs

- Free publicity and promotional materials
- Government publications
- Journal articles
- Newspaper articles
- Proceedings of conferences

Suggested References

Brychan, T., Miller, C. & Lyndon, M., (2011). Innovation and Small Businesses. Vol.1; London, BookBoon Publishers.

Greg, B., (2006), Six Sigma for Small Business. Texas, Entrepreneur Press.

Kuratko, (2008). The Emergence of Entrepreneurship Education: Development, Trends and Challenges. 9th edn.

Srivastava S.B.; (2001). A Practical Guide to Industrial Entrepreneurs. New Delhi, Sultan Chand & Sons.



NCSM1 Real Life Project

Duration: 60 Hours

Module Overview

The module will develop the learner's skills and abilities to create awareness for the goods/services of the started project. This will involve implementing the plans created in project 1 as the business runs. A series of organising and management processes shall be undertaken to monitor, control and maintain the deliverables as the project records for the inventories, finances, achievements, and all transactions are emphasised.

Learning Outcomes

By the end of this module the learner should be able to:

- i) apply classroom knowledge in a real life project.
- ii) produce goods/services
- iii) take record of the business activities.

Project Execution

Duration: 60 Hours

2 41 4010111 00 110410		
Competences	Content	Teaching and
		Learning Strategies
The learner:	 Creating 	Guide learners on the
 creates awareness of 	awareness	quality of services/
the existing project	 Acquiring stock 	products supplied.
products/ services.	 Maintaining 	 Supervise learners'
 organises stock and 	records	project
operates the project.	 Managing a project 	implementation.

Sample Projects

- Book binding
- Document binding
- Designing file covers
- Current awareness services
- Garrent awareness service
- Stationery shops
- Documentation
- Internet café
- Typing services

A learner may select any of the above projects to be set up or take on any other of his/her own choice.

Detailed Module Description for Year Two2 Semester 1

CSM211: Work Ethics

Duration: 45 Hours

Module Overview

The nature and work of secretarial require a high level of ethical behaviour. Business stakeholders rely heavily on the picture portrayed at the reception to make decisions to transact with a particular organisation. The module will therefore impart in the learner the moral behaviours required of a secretary to perform duties professionally. It reinforces her/his ethical values and inspires him/her to prevent others from making unethical decisions.

Learning Outcome

By the end of this module, the learner should be able to:

- i) develop a sense of moral obligation.
- ii) exhibit moral behaviour at work.

Sub-module 1: Concepts of Work Ethics

Competences	Content	Teaching and Learning Strategies
 exhibits the office ethical code of conduct. complies with the organisational ethical policies. observes the importance of secretarial work ethics. 	 Meaning of ethics Ethical code Ethical policies Rules-based ethics Role of ethics in secretarial work. 	 Lead a discussion on ethical policies and rules. Task learners to identify the importance of work ethics. Group learners to role- play the secretarial code of conduct.



Assess learners as they role-play over the secretarial code of conduct.

Sub-module 2: Organisational Ethics

Duration: 12 Hours

Competences	Content	Teaching and Learning
		Strategies
 The learner: applies the ethical principles in organisational work. exhibits a professional code of conduct at work. guards against unethical dealings. observes the corporate social responsibility. avoids corporate crime. 	 Ethical principles Ethical safeguards Corporate social responsibility Corporate crime 	 Discuss with learners the ethical principles applied in organisations. Stage a film show to demonstrate professional ethics of officers at work. Guide learners to practise social responsibility while at school.

Assessment Strategy

Give learners group work to discuss secretarial ethical standpoint and how they should relate with their supervisors.

Teaching and Learning Resources

- Video / Film tapes
- Computer
- Project

Sub-module 3: Professional Ethics

Competences	Content	Teaching and Learning Strategies
The learner:	 Information 	Lead a guided
 keeps the confidential 	ethics	discussion on the
information of the	• Ethical	importance of
organisation secretly.	decision-	information ethics of
makes ethical	making	a secretary.
decisions when	• Ethical	Guide learners on

Competences	Content	Teaching and Learning
		Strategies
executing office work.	leadership	how to derive ethical
 demonstrates ethical 	• Social	decisions.
leadership and social	responsibility	 Group learners to
responsibility.	• Ethical	role-play the ethical
 observes the effects of 	implications	leadership.
ethical behaviour on	_	Discuss with learners
the organisation.		the implications of
		ethical behaviour.

Test learners on the principles of social responsibility in an office.

Teaching and Learning Resources

- Management Ethics Manuals
- Secretary's Ethics Rules
- Case studies
- Code of ethics manuals

Sub-module 4: Unethical Behaviour

Competences	Content	Teaching and Learning Strategies
 Watches out for unethical behaviours in an office. avoids scandalous behaviour at work. controls organisational violence. analyses the consequences of unethical behaviour. sets mitigation measures to control unethical behaviours at work. 	 Recognising unethical behaviour Office scandals Corruption Causes of fraud Organisational violence Consequences of unethical behaviour Mitigation of unethical behaviour 	 Lead a guided discussion on the causes of unethical behaviour and how it can be controlled. Organise film shows on unethical behaviour clearly portraying the consequences for such behaviour. Let learners discuss the consequences of unethical behaviours.



Give learners assignments to:

- i) discuss the causes of unethical behaviour at work.
- ii) identify the consequences of unethical behaviour.

Teaching and Learning Resources

- Video and Film tapes
- Computer
- Projector

Suggested References

- Bevan, D. (2008). Philosophy: A General Theory Approach and Emergence of Convenient and Inconvenient Ethics; Boston, M. Painter.
- Driscoll,D.M., (2002). Ethics matters: How to implement values-driven management. Bentley College.
- Stanwick, P., (2013). Understanding Business Ethics, 2nd Edition; Auburn University printing and publication Auburn.
- Halbert, T. & Ingulli, E., (2003). Law and Ethics in Business Environment. 4th edn; New York, South-Western Publishing Company –.

NCBL212: Introduction to Business Law

Duration: 45 Hours

Module Overview

This module is designed to equip the learner with legal knowledge in handling issues in business management. It introduces the learner to the concepts of law in Uganda and will acquaint him/her with various laws governing business. It will help the learner to know his/her rights and the rights of others; and what to do in case of a dispute.

Learning Outcomes

By the end of this module, learners should be able to:

- i) apply the legal principles to business problems.
- ii) write legal agreements.
- iii) operate business within the legal framework.

Sub-module 1: Nature of Business Law

Duration: 4 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: defines business law. explains the purpose of law. identifies classes of law. 	 Definition; Nature of law Purpose of the law Sources of law in Uganda Classification of law 	 Let learners brainstorm the definition of business law. Guided discussion on the purpose of law in business. Guided discussion on classification of law.

Assessment Strategy

Task learner to explain the purpose of law as applied in business.



Sub-module 2: Administration of Law in **Uganda**Duration: 5 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: illustrates the system and hierarchy of courts in Uganda. describes the composition of the different courts and the powers of their jurisdictions. Illustrates the legal procedures followed in handling business issues. 	 Court system and hierarchy Composition and jurisdiction of different courts. 	 Let learners brainstorm the powers and jurisdiction of different courts in Uganda. Guide learners on the composition of different courts and their jurisdictions in handling cases. Illustrate the procedure followed in handling cases.

Assessment Strategy

Give learners task to illustrate the court system and Hierarchy in Uganda.

Sub-module 3: Legal Persons

Duration: 8 Hours

Competences	Content	Teaching and Learning Strategies
The learner: observes the legal persons in eyes of law. analyses the capacity of legal persons to enter into contracts.	 Legal persons Capacity of persons to enter into legal relations: Minors Married women Persons of unsound mind Unincorporated bodies (sole proprietorship, partnership, associations) Citizenship/nationality and domicile 	 Lead a discussion on the legal persons and their capacities to contract. Task learners to identify the unincorporated bodies and their operations. Let learners distinguish between nationality and domicile.

Assessment Strategies

Task learners:

- i) to identify the legal persons in the eyes of law.
- ii) with cases on capacity to contract, to analyse and advise the parties involved.
- iii) to describe the procedures for acquisition of citizenship.

Sub-module 4: Law of Contract

Duration: 16 Hours

Competences	Content	Teaching and Learning Strategies
The learner: defines Contract analyses the importance of Contract. identifies the forms and types of contracts. observes the exclusion clauses of a contract. executes the essential elements of a valid contract. discharges the contract following the recommendations by law. sets mitigation measures for breach of contract.	 Definition and nature of a contract. Purpose and importance of the contract. Forms of contracts. Exclusion clauses. Essential elements of a valid contract. Discharge/termination of a contract. Remedies for breach of a contract 	 Task Learners to define the term contract. Guide learners to identify the importance of signing a contract. Lead a brainstorming session on the forms of a Group learners to discuss the elements of a valid contract. Use a case study to guide learners on the factors that lead to breach of a contract. Lead a guided discussion on the circumstances under which a contract may be terminated.

Assessment Strategies

Test learners on:

- i) Forms of contracts
- ii) Exclusion clauses
- iii) The essentials of a valid contract
- iv) The remedies for breach of contract



Sub-module 5: Laws of Agency

Duration: 6 Hours

Competences	Content	Teaching and Learning
		Strategies
 The learner: defines 'Agency'. identifies the types of agents. creates agency relationship. executes the duties of a principal / agent. appointments and remunerations an agent. 	 Definition of an agency Types of agents Creation of agency Rights and duties of the principal and agent. Appointment remuneratio n and termination of an agent 	 Group learners to role-play a Principal-Agent relationship. Lead a guided discussion on the types of Agents in the law of agency. Give learners homework to research on the appointment, remuneration and termination of agency.
	UI all agellt	agency.

Assessment Strategies

- i) Give learners homework to discuss how agents are created.
- ii) Test learners on the duties and rights of the principal and an agent.

Sub-module 6: Dispute Resolution

Duration: 6 hours

Competences	Content	Teaching and Learning Strategies
The learner: • selects the method for solving disputes. • follows the right procedures to resolve disputes. • solve disputes without going to court.	 Methods of dispute resolution Procedure of dispute resolution Alternative dispute resolution 	 Give learners dispute cases to analyse and make class presentations. Let learners demonstrate understanding of dispute resolution through role-plays.

Assessment Strategies

Let learners:

- i) discuss the methods of dispute resolution in uganda.
- ii) describe the procedures for dispute resolution.

Teaching and Learning Resources

- The Constitution of the Republic of Uganda, 1995 (amended 2005)
- The Local Government Act
- Bills of exchange Act
- Uganda Tourism Act 2008

Suggested Reading Materials

- Bakibinga, D. (2006). Law of Contract in Uganda. Kampala. Professional Publisher and Consultant Ltd .
- Bakibinga, D. (2003). Partnership Law in Uganda; Kampala, Professional Publisher and Consultant Ltd.
- Essel, R.D. and Howard, C.G., (2011). Principles of Business Law, 4th edition; New Jersey, Pearson Prentice Hall Inc.
- Essel, R.D. and Howard, C.G.,(2011). Principles of Business Law. 4th edn; New Jersey, Pearson Prentice Hall Inc.



NCCC213 Customer Care

Duration: 60 Hours

Module Overview

This module will provide the learner with an understanding of what customer service is and expose him/her to the ways of delivering quality customer care in any business dealings. The focus will be on the skills and competences required to handle various customer-related situations which is also an integral part of the secretarial and office management requirement.

Module Learning Outcomes

By the end of the module, learners should be able to:

- i) handle customers professionally in a business environment.
- ii) create value, satisfaction and retention of customers in the business.

Sub-module 1: Introduction to Customer Service

Duration: 8 Hours

Competences	Content	Teaching and Learning Strategies
The learner: sets strategies for providing customer care. justifies the importance of customer care and service to a business. provides customer care.	 Definition of customer care and customer service Ways of providing customer care Importance of customer care 	 Guide a discussion on the meaning of customer care and service. Let learners brainstorm the ways of providing customer care and service. Group learners to role-play provision of customer care.

Assessment Strategy

Give learners homework to research about ways and importance of providing customer care by an organisation.

Teaching and Learning Resources

- Video and Film tapes
- Computer
- Projector
- Flip charts/ stand
- Mark pens

Sub-module 2: Customer Care skills

Duration: 14 Hours

Competences	Content	Teaching and Learning Strategies
The learner: attends to telephone calls. listens and communicates effectively with guests. asks for pardon where a communication is not clear. observes the nonverbal communication in a conversation. demonstrates self-respect before the customers.	 Telephone Customer Service Answering the telephone, Active listening Putting callers on hold Transferring a call Taking a message Closing the call Effective listening: Asking for clarity Dialogue development, Use of non-verbal cues Presentation skills 	 Guide learners through practice how to answer telephone calls Organise a video show depicting telephone etiquette. Lead a guided discussion on the importance of observing the non-verbal communication. Let learners demonstrate the self-respecting presentation skills.

Assessment Strategy

Give learners assignments about the skills required while attending to callers.



Teaching and Learning Resources

- Video and Film tapes
- Telephone
- Stationary
- Computer

- Projector
- Flip charts/ stand
- Mark pens

Sub-module 3: Customer Retention

Duration: 10 Hours

Competences	Content	Teaching and Learning Strategies
The learner: defines customer retention. creates a positive attitude towards the organisation. maintains customer retention. provides quality services to satisfy customers.	 Meaning of customer retention First impression (meaning and tips of creating positive impressions) Importance of customer retention Service Quality Factors (SQFs) 	 Guide a discussion on the strategies for creating good impression about an organisation. Group learners and task them to discuss the importance of customer retention to a business. Let learners role- play customer handling to ensure retention.

Assessment Strategies

Task the Learner to:

- i) identify the factors that affect the quality of service delivery.
- ii) discuss the benefits of customer retention to a business.

Teaching and Learning Resources

- Video and Film tapes
- Telephone
- Stationary
- Computer

- Projector
- Flip charts/ stand
- Mark pens

Sub-module 4: Customer Frustration

Duration: 10 Hours

Competences	Content	Teaching and Learning Strategies
The learner: • identifies causes of customer frustrations. • resolves conflicts. • attends to upset customers.	 Meaning of customer frustration Causes of customer frustration Conflicts and their possible solutions. Guidelines for calming down upset customers 	 Let learners brainstorm the meaning and causes of customer frustration. Guide a discussion on the causes of customer frustration. Let learners' role play on conflict resolution.

Assessment Strategies

Task learners to:

- i) discuss the causes of customer frustration.
- **ii)** give measures for calming down upset customers.

Teaching and Learning Resources

- Video and Film tapes
- Telephone
- Stationary
- Computer
- Projector
- Flip charts/ stand
- Mark pens

Sub-module 5: Time Management

Duration: 6 Hours

Competences	Content	Teaching and
		Learning Strategy
The learner:	Time management	Guide a discussion on
 observes time 	skills	the effects of time
management.	Time wasters	management to a
 analyses the effects of 	 Effects of poor time 	business.
wasting time to the	management.	
business.	 Mitigation of time 	
 mitigates time wasters. 	wasters.	



Assessment Strategies

- i) Give learners tasks to: discuss the causes and effects of poor time management to a business.
- ii) suggest the time management solutions.

Teaching and Learning Resources

- Video and Film tapes
- Telephone
- Clock
- Stationary

- Computer
- Projector
- Flip charts/ stand
- Mark pens

Sub-module 6: Dealing with Difficult Guests

Duration: 12 Hours

Competence	Content	Teaching and Learning Strategies
The learner sets measures for effective handling of difficult customers without hurting them.	 Talkative Customers Aggressive Customers The 'know it all' Customer Indecisive Customer Suspicious customers 	 Guide a discussion on the meaning and tips essential for dealing with difficult behaviour. Group learners to role play the handling of difficult customer.

Assessment Strategy

Give learners homework to discuss types of customers and how to handle them.

Teaching and Learning Resources

- Video and Film tapes
- Telephone
- Stationary
- Computer

- Projector
- Flip charts/ stand
- Mark pens

Suggested References

- David. A. S. (2001) Understanding customer: A Psychological Approach.
- Spector, K. (2012). The Nordstrom Way to Customer Service Excellence; 2^{nd} edn, New York Wiley Publishers.
- Frances, F. And Anne, M. (2012). Uncommon Services: How to Win Putting Customers at the Core of Your Business. Harvard Business Review Press.
- Goodman, J. (2009). Strategic customer services: Managing the Customer Experience to Increase Positive Word of Mouth, Build Loyalty, and Maximise Profits: AMACOM; Special edn.



CSM Shorthand

Duration: 75 Hours

Module Overview

The module enables learners to develop the art of presenting spoken sounds by written signs, read from printed shorthand and transcribe into longhand.

Learning Outcome

By the end of this module the learner should be able to listen to sounds effectively and write words at a speed of 50 words per minute.

Sub-module 1: Downward L and Abbreviated W

Duration: 12 Hours

Competences	Content	Teaching and Learning
		Strategies
 The learner: Applies the principles of downward L and abbreviated W in writing words. Writes short forms derived from downward L Writes phrases derived from words with abbreviated W and short forms. 	 Principles of downward L and abbreviated W. Short forms principles of downward L and abbreviated W. Phrases derived from principles of downward L and abbreviated W. 	 Demonstrate to learners how to write downward L and abbreviated W and let them drill. Guide learners to write short forms derived from downward L and abbreviated W. Give learners exercise to write phrases derived from words with abbreviated W and short forms.

Assessment Strategy

Read out a passage for learners to listen and re-write in shorthand.

Teaching and Learning Resources

Samples of Downward L and abbreviated W

Sub-module 2: Double Consonants - Pl Series and Pr Series

Duration: 12 Hours

Competences	Content	Teaching and Learning
		Strategies
 The learner: applies the principles of double consonants – Pl and Pr series in shorthand. writes short forms derived from double consonants – Pl and Pr series. writes phrases derived from double consonants – Pl and Pr series. 	 Principles of double consonants Pl and Pr series. Short forms of double consonants Pl and Pr series. Phrases derived from of double consonants - Pl and Pr series. 	 Illustrate to learners how to write double consonants – Pl and Pr series. Demonstrate to learners how to write short forms attached to Pl and Pr series. Illustrate to learners how to write phrases derived from double consonants – Pl and Pr series.

Assessment Strategy

Give learners exercises to write sentences with words of double consonants – PI and Pr series.

Sub-module 3: Double Consonants - Curves

Duration: 12 Hours

Duration, 12 flours			
Competences	Content	Teaching and Learning Strategies	
The learner: applies the principles of double consonants – curves series in shorthand. writes short forms derived from double consonants – curves series. writes phrases derived from double consonants – curves series.	 Principles of double consonants – Curves series. Short forms of double consonants – Curves series. Phrases derived from of double consonants – Curves series. 	 Illustrate to learners how to write double consonants Curves series and let them drill. Demonstrate to learners how to write short forms derived from double consonant curves and let them drill. Illustrate to learners how to write phrases derived from double consonant curves and let them drill. 	



Assessment Strategy

Give learners tasks to write words in shorthand with double consonants - curves.

Teaching and Learning Resources

Charts of double consonants - Curves series

Sub-module 4: N, F and V Hooks

Duration: 14 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: applies the principles of N, F and V Hooks in writing words. writes short forms derived from N,F, and V hooks writes phrases derived from words with N, F and V hooks and short forms. 	 Principles of N, F and V Hooks Short forms of N, F and V Hooks Phrases derived from of N, F and V Hooks 	 Illustrate to learners how to write words with N, F and V Hooks and let them drill. Demonstrate to learners how to write short forms derived from N, V, and F hooks and let them drill. Illustrate the writing of phrases derived from words with N, F, and V hooks and let learners drill.

Assessment Strategy

Task learners to write short forms derived from N, V, and F hooks.

Teaching and Learning Resources

Charts of N, F and V Hooks

Sub-module 5: Shun Hook

Duration: 10 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	 Principles of Shun 	Demonstrate to learners
 writes words in 	Hook	how to write the shun
shorthand using the	Short forms of	hook on consonants and

Competences	Content	Teaching and Learning
		Strategies
principle of shun hook.	Shun Hook	let them practise.
 writes short forms 	 Phrases derived 	Illustrate to learners how
derived from the shun	from Shun Hook.	to write short forms
hook		derived from the shun
 writes phrases using 		hook and let them drill.
words and short forms		 Illustrate to learners how
from the shun hook.		to write phrases using
		words and short forms.

Assessment Strategies

Assign the learner to:

- i) write words following the shun hook principles.
- ii) take in shorthand and transcribe a dictation test at a speed of 50 w.p.m.

Teaching and Learning Resources

• Charts of Short forms of Shun Hook

Sub-module 6: Compound Consonants

Duration: 15 Hours

Competences	Content	Teaching and Learning Strategies
The learner: • writes in shorthand words with compound consonants. • uses short forms of compound consonants to write sentences.	 KW, GW, MP, LR, RR, WH Short forms of compound consonants. Phrases derived from compound consonants. 	 Demonstrate to learners how to write words with compound consonants and let them drill. Give learners exercises to write short forms derived from compound consonants.

Assessment Strategy

Give learners tests to write and transcribe words with compound consonants.

Teaching and Learning Resources

Charts with Compound Consonants



NCSM Typewriting

Duration: 75 Hours

Module Overview

The module acquaints the learner with skills and competences to type letters with continuation sheets. It will also enable the learner to design and display tables on different paper sizes.

Learning outcome

By the end of the module, the learner should be able to type with continuation sheets, and tables at a speed of 40 words per minute.

Sub-module 1: Continuation Sheets

Duration: 16 Hours

Competence	Content	Teaching and
		Learning Strategies
The learner types	 Business letters 	Guide learners to
business letters,	• Memos	type business letters,
memos and	 Manuscripts 	memos, and
manuscripts with		manuscripts with
continuation sheets.		continuation sheets
		and let them
		practise.

Assessment Strategy

Give learners assignments to type business letters, memos and manuscripts with continuation sheets.

Sub-module 2: Simple Tabulation

Duration: 16 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	 Vertical and 	 Illustrate the procedures
 applies vertical & 	Horizontal	taken to centre tables
horizontal centring	centring	both vertically &
in typing tables	 Ruling tables 	horizontally and let them
 produces a well 	 Alignment of 	practise.
ruled table.	figures	 Demonstrate the ruling

Competences	Content	Teaching and Learning Strategies
draws tables with well aligned figures.		of tables and let learners practise. • Guide learners to align figures in a table.

Assessment Strategies

- i) Assign learners to centre a table both vertically and horizontally.
- ii) Provide a draft table with figures for learners to align in a centred table.

Teaching and Learning Resources

Charts of:

- vertical and horizontal centring
- aligned figures

Sub-module 3: Advanced Display

Duration: 14 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	• Menus	Task learners to compose
 produces menus 	 Notices 	menus and notices for
for different	 Advertisements 	different purposes.
purposes.		Guide learners to develop
 designs 		advertisements in
advertisements in		different formats and
various formats.		display.

Assessment Strategy

Assign learners to produce notices, menus and advertisements.

Teaching and Learning Resources

Samples of:

- menus
- notices
- advertisements



Sub-module 4: Paragraphs and Content

Duration: 14 Hours

Competences	Content	Teaching and Learning Strategies
The learner: types texts with numbered paragraphs. produces outlined content with numbering. types documents with inset content.	 Numbering of paragraphs Inserting content Numbering of content. 	 Guide learners to type texts with numbered paragraphs. Illustrate how to inset content in a text. Give learners homework to type and number outlined content.

Assessment Strategy

Assign learners to produce work with numbered paragraphs and inserted content.

Sub-module 5: Meetings

Duration: 15 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	 Invitations 	Guide learners
 Develops an invitation 	 Agenda 	formulate an
letter for a meeting.	 Minutes 	invitation and agenda
 drafts an agenda for a 		for a meeting
meeting.		 Guide learners on
 types minutes of a 		how to type minutes
meeting.		during a meeting.

Assessment Strategy

Organise a few learners to role-play a meeting and task the rest of the class to take minutes of the discussions.

NCRM216: Real Life Project

Duration: 60 Hours

Module Overview

The module is intended to enable the learner to improve their project operations and expand on their businesses. It will involve application of social skills to add value to the project products/services and attract more customers.

Learning Outcome

By the end of this project level, the learner should be able to set up strategies through which to remain in business despite the availability of competition.

Generation of Value Additions

Duration: 60 Hours

Competences	Content	Teaching and Learning Strategies
The learner: • improves product/servic e quality. • creates product distinction. • provides outstanding customer services.	Emphasis: Product/service quality Uniqueness of products/ services Cost management Customer care	 Monitor the project progress. Supervise the use of assets. Guide learners on product modification.

Sample Projects

- Secretarial bureau
- Internet café
- Typing services
- Mobile money services
- Telephone services
- Stationery shop



Detailed Module Description for Year 2 Semester 2

CSM Shorthand

Duration: 75 Hours

Module Overview

The module will acquaint the learner with a deeper understanding of the shorthand strokes and enable him/her to listen and take note of words spoken at higher speed.

Learning Outcome

By the end of this module the learner should be able to listen to talks and take dictation in shorthand at a speed of 60 words per minute.

Sub-module 1: WI And Whl

Duration: 15 Hours

Competences	Content	Teaching and Learning Strategies
The learner: applies the right principles when writing words with consonants wl and whl in shorthand. writes short forms of the wl and whl consonants. writes shorthand phrases derived from words with wl and whl consonants.	 Principles Short form Phrases with consonants wl and whl 	 Guide learners on the principles followed when writing words with consonants wl and whl. Demonstrate how to write short forms of consonants wl and whl. Give learners exercise to write phrases with consonants wl and whl

Assessment Strategy

Dictate to learners a text with wl and whl consonants to write in shorthand at a speed of 60 words per minute.

Teaching and Learning Resources

Charts of:

• Short form of Wl And Whl

• Phrases with consonants wl and whl

Sub-module 2: Tick H and dot H

Duration: 12 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: writes words with tick and dot H. forms phrases using words with tick and dot H. writes words with omission of tick and dot H without changing the meaning. 	 Principles of tick and dot H. Phrases with tick and dot H. Omission of the consonants tick and dot H. 	 Demonstrate to learners how to write phrases using words with tick and dot H. Guide learners to apply tick and dot H in writing words and when to omit them.

Assessment Strategies

Give learners exercise to:

- i) write phrases with tick and dot H.
- ii) without tick and dot H.

Teaching and Learning Resources

• Charts of Tick H and dot H



Sub-module 3: Halving and Thickening

Duration: 16 Hours

Competences	Content	Teaching and Learning Strategies
 The learner: Halves and thickens words as per the principle of the strokes. Writes short forms derived from halving and thickening principle. Writes phrases with halves and thick strokes. 	 Principles of halving and thickening. Short form of halving and thickening. Phrases with halves and thick strokes 	 Illustrate to learners how to halve and thicken strokes and let them drill. Demonstrate how to write short forms of halves and thick strokes Guide learners to write phrase using the principle of halving and thickening.

Assessment Strategy

Give learners assignment to write in shorthand texts with halves and thick strokes.

Teaching and Learning Resources

• Chart of halved and thickened strokes

Sub-module 4: Doubling Principle

Duration: 16 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	• Curved strokes; tr,	 Demonstrate to
 writes curved 	dr, thr	learners how to write
strokes of tr, dr, and	 Short forms of tr, 	tr, dr, and thr.
thr	dr, thr	 Guide learners to
 writes short forms 	 Phrases with tr, 	write short forms of
derived from tr, dr,	dr, thr	words with tr, dr, and
and thr.		thr and let them drill.
 writes phrases 		 Illustrate to learners
derived from		how to write phrases
doubling principle.		and let them drill.

Assessment Strategy

Assign learners to write and transcribe phrases with tr, dr, thr.

Teaching and Learning Resources

Charts of:

- Curved strokes; tr, dr, thr
- Short forms of tr, dr, thr
- Phrases with tr, dr, thr

Sub-module 5: Prefixes, suffixes and word-endings

Duration: 16 Hours

Competences	Content	Teaching and
		Learning Strategies
The learner:	 Principles of Con, 	Illustrate to
 observes the principles 	com, cum, cog,	learners how to
of words with prefixes,	and accom	prefix, suffix and
suffixes and word	 Short forms 	end words.
endings.	 Phrases 	Guide learners to
 writes short forms of 		write short forms of
words with prefixes,		words with
suffixes and word		prefixes, suffixes
ending signs.		and let Guide
 writes phrases using 		learners to write
words with prefixes,		phrases with
suffixes and word		prefixes and
endings.		suffixes.

Assessment Strategy

Give learners tasks to write words and phrases with Con, com, cum, cog, and accom.



NCSM Typewriting

Duration: 60 Hours

Module Overview

The module will enhance the learner's abilities to produce and reproduce documents, tables and displays more effectively and efficiently.

Learning Outcome

The learner manipulates the typewriter by touch-typing, displays and produces documents at a speed of 45 words per minute.

Sub-module 1: Display of Work

Duration: 20 Hours

Competences	Content	Teaching and Learning
competences	Content	Strategies
 types texts with consistence in word division at line endings. types texts with justified margins. designs borders on documents types texts accurately at a speed of 45 w.p.m. 	 Word division at line endings. Justified right and left margins. Ornamentation (Decorated borders) Accuracy and speed development. 	 Illustrate the procedure taken to divide words at line endings and guide learners through practice. Guide learners to set right and left margins of a document. Let learners demonstrate the designing of borders on texts. Give learners passages to type to improve on their speed and accuracy.

Assessment Strategy

Give learners assignments to type texts with justified margins, and designed borders.

Teaching and Learning Resources

Samples of typed work with:

- Word division at line endings
- Justified right and left margins
- Ornamentation

Sub-module 2: Tabulation

Duration: 20 Hours

Content	Teaching and Learning Strategies
 Horizontal and vertical centring Varying the space between columns Leader dots Curriculum vitae/resume in a table form Accuracy and speed development. 	 Illustrate how to centre tables both vertically and horizontally with varying column widths. Task learners to design tables with leader dots. Guide learners to design attractive curriculum vitas. Give learners texts with leader dots to type to improve on their speed and accuracy.
	 Horizontal and vertical centring Varying the space between columns Leader dots Curriculum vitae/resume in a table form Accuracy and speed

Assessment Strategy

Assign the learner to design and type tabulated curriculum vitae.

Teaching and Learning Resources

Samples of typed work with:

- Horizontal and vertical centring
- Varying the space between columns
- Leader dots
- Sample of tabulated CV



Sub-module 3: Advanced Letters

Duration: 20 Hours

Competences	Content	Teaching and Learning Strategies
The learner:	 Continuation 	 Display samples
 types with continuation 	sheet	of advanced
sheet at a speed of 45	 Typing 	letters and task
w.p.m.	confidential	learners to type
 types letter and puts an 	letters	them.
attachment.	Attachments/	 Demonstrate the
 observes to ethics of typing 	enclosures	cutting of stencil
confidential letters.	 Cutting stencil 	and let learners
• cuts stencil.		practise.

Assessment Strategy

Give learners homework to type letters with an attachments.

Teaching and Learning Resources

- Typing machines
- Computers
- Paper cutters
- Ribbons and spools
- Stencil

NCBK2 Basic Kiswahili

Duration: 45 Hours

Module Overview

This module introduces the learner to the basic Kiswahili used in the industry and by the general public to carry out daily business. It also enables the learner to carry out his/her profession in any part of East Africa where Kiswahili is the major language of communication.

Learning Outcomes

By the end of the module the learner should be able to:

- i) Make simple expressions in Kiswahili.
- ii) Count in Kiswahili
- iii)Construct coherent Kiswahili sentences.

Sub-module 1: Introduction to Kiswahili

Duration: 4 Hours

Competences	Content	Teaching and
		Learning Strategies
 The learner: acknowledges the importance of learning and using kiswahili language. correctly greets elders, peers and the young at different times. introduces oneself. makes introduction of oneself and other persons. 	 Origin and spread of Kiswahili Importance of Kiswahili to Ugandans Greetings At different times To elders, peers, the young To one person To many people General Introduction Of oneself Of others 	 Allow learners to buzz over different greeting styles. Ask learners to make self-introductions before the class.



Assessment Strategies

Assess learners on the:

- i) importance of learning Kiswahili in the context of secretarial and office management.
- ii) greeting of peers, elders and supervisors at different times.

Sub-module 2: Definite Articles

Duration: 6 Hours

Competences	Content	Teaching and Learning
		Strategies
The learner: • makes correct use of the Kiswahili alphabet. • pronounces Kiswahili verbs and names in the correct accent. • states phrases in the correct tense.	 Vowels and Consonants, Verbs and Nouns Production of Kiswahili sounds/Accent 	 Use Tapes/Compact Disks for learners to listen to word sounds and pronunciations. Guide learners on the names of different places and common titles in the catering profession. Set out a number of Kiswahili vowels, verbs and nouns for the learners to practise their application. Use a tape recording to produce Kiswahili sounds for learners to emulate.

Assessment Strategies

Assess learners on:

- i) word pronunciation.
- ii) use of verbs and nouns.

Teaching and Learning Resources

- Kiswahili dictionary
- Documentaries
- Charts
- Video recordings

- Tape recorders
- Radio cassettes
- Kiswahili dictionary

Sub-module 3: Polite Language

Duration: 7 Hours

Competences	Content	Teaching and Learning Strategies
The learner: expresses appreciation to others. makes requests for products, services, or places by names. identifies people by their professional titles.	 Welcoming customers Making requests Presenting menu Expressing appreciation Advertising of products Negotiating for better terms Asking for pardon 	 Organise a role-play in which learners shall make simple expressions involving asking for a particular product, service, place or direction and appreciating for the assistance offered. Let learners express themselves by asking for forgiveness for a wrong done.

Assessment Strategies

Task learners to:

- i) Role-play the receiving of clients and providing information of the available goods/services.
- ii) Give assignment to design and format a Kiswahili advert for the available secretarial services.

Teaching and Learning Resources

- The Internet
- Kiswahili dictionary

Sub-module 4: Indefinite Articles

Duration: 6 Hours

Competences	Content	Teaching and Learning Strategies	
The learner:	 Introductory 	Guide learners to use the	
 combines words to 	vocabulary	indefinite article to	
construct good	 Sentence 	construct sentences.	
sentences.	pattern	Group learners to role	
 asks questions and 	 Questions 	play the asking and	
responds to	and	answering of questions	



Competences	Content	Teaching and Learning	
		Strategies	
inquiries.	responses	related to catering	
 expresses likes and 	 Expressing 	services.	
dislikes.	likes and	 Ask learners to express 	
	dislikes	their likes and dislikes in	
		the role play.	

Assessment Strategy

Assess learners on the construction of sentences in response to questions.

Teaching and Learning Resource

Swahili dictionary

Sub-module 5: Numbers and Arithmetic

Duration: 06 hours

Competences	Content	Teaching and Learning
		Strategies
The learner: counts and numbers items using the cardinal and ordinal numbers. states the time, date, days and months correctly.	 Counting Cardinal numbers Counting Ordinal numbers Time, Dates, Days, Months 	 Lead learners in the counting exercise. Guide learners in stating time and dates. Ask learners to make presentations of their dates of birth.

Assessment Strategies

- i) let learners count using ordinal and cardinal numbers.
- ii) task learners to state different periods in Kiswahili

Teaching and Learning Resources

- Charts of numbers, dates and days
- Calendar
- Clock
- Mathematical symbols

Sub-module 6: Grammar and Syntax

Duration: 08 hours

Competences	Content	Teaching and Learning
		Strategies
The learner:	• Basic	Guide learners to
 makes a logical flow 	sentence	make sentences in
of sentence	elements	Kiswahili using first
construction.	Sentence logic	person singular and
 applies the singular 	 Singular and 	first person plural.
and plural	plural	Let learners
nouns/verbs	 Tenses 	demonstrate the
correctly.		application of
 applies correct 		different tenses in
Kiswahili tenses in		sentence
sentence		construction.
construction.		

Assessment Strategies

Assess learners on:

- i) the way they arrange the words in a sentence.
- ii) the rule of singular and plural.
- iii) the application of tenses.

Sub-module7: Professional Related Vocabulary

Duration: 08 Hours

Competences	Content	Teaching and
Competences	Content	Learning Strategies
		Leaf IIIIg Strategies
A learner:	Terminologies used in	 Guide learners to
 applies the 	secretarial and office	identify and name
secretarial	management.	the tools, materials,
terminologies	 Prices, Quantity, 	and equipment
correctly.	Quality, Order	used by the
 identifies and 	 Names of tools, 	secretaries.
names the tools,	materials, and	 Ask learners to
materials, and	equipment used for	research on the
equipment used	secretarial work.	Swahili titles for the



Competences	Content	Teaching and
		Learning Strategies
for the	Professional titles like	staff that work in
secretarial work.	secretary,	the secretarial
 refers to 	stenographer, copy	department.
different officers	typist, clerk, office	• Discuss with
by their titles.	messenger, manager,	learners the tasks
 describes the 	cashier, visitor, and	performed by
tasks performed	customer.	different officials in
by different	 Tasks performed by 	the secretarial
officials in the	secretaries	department.
secretarial		
department.		

Assessment Strategy

Assign the learner to write the titles and tasks performed by various professionals in secretarial and office administration.

Teaching and Learning Resources

- The Internet
- Kiswahili dictionary

Suggested References

- Almasi, WF 2014, Swahili Grammar for Introductory and Intermediate Levels.
- Donavan, M, & Lutz M, (2011). Swahili: A Complete Module for Beginners. 2nd Edition; Dar-es-Salaam, Living Language Publishers
- Maw, JE 2012 Swahili for Starters: A practical Introductory and Intermediate level.
- Perrot, D.V., (2010). Essentials of Business Kiswahili. A Teach Yourself Guide. Nairobi, Kenya Publications.

NCFR224: Fundamentals Reprography

Duration: 75 Hours

Module Overview

Reproduction of documents is an important service of providing various copies of the same information and helps to preserve the original documents. The module is therefore intended to introduce the learner to reprographic methods and the equipment used in the reproduction of information. The learner will acquire skills to operate reprographic machines to re-produce documents and care for their conservation.

Learning Outcomes

By the end of this module, the learner should be able to:

- i) reproduce documents using reprographic machines.
- ii) produce information digitally.

Sub-module 1: Reprography

Duration: 8 Hours

Competences	Content	Teaching and Learning Strategies
 develops the reprographic program to be followed when reproducing documents. devises protective measures to keep documents safe. 	 Meaning of reprography Developing reprographic program Reprographic activities 	 Let learners brainstorm on what they understand by the term reprography. Demonstrate to learners the various ways of developing reprographic programs. Engage learners in practical reprographic activities.



Assessment Strategy

Give learners exercise on the procedures involved in carrying out reprographic services.

Teaching and Learning Resources

- Printers
- Photocopiers
- Duplicators
- Scanners

Sub-module 2: Reprographic methods

Duration: 7 Hours

Competences	Content	Teaching and Learning Strategy
 The learner: designs methods of multiplying documents. applies different methods such as printing, duplicating, photocopying or scanning to reproduce documents. 	PrintingDuplicatingPhotocopyingScanning	Lead a guided demonstration of the different reprographic methods.

Assessment strategy

Test learners on the methods used to re-produce documents.

Teaching and Learning Resources

- Printed documents
- Duplicated documents
- Photocopied documents
- Scanned documents

Sub-module 3: Reprographic Equipment

Duration: 16 Hours

Competence	Content	Teaching and Learning Strategies
The learner and operates reprographic equipment to produce documents.	 Printing Machine Photocopying machine Duplicating machine Types of each machine Factors to consider when purchasing. Care and maintenance 	 Lead a guided discussion on the different types of reprographic equipment. Demonstrate the use of each reprographic machine in reproducing documents.

Assessment Strategy

Give learners tasks to operate reprographic equipment.

Teaching and Learning Resources

- Printers
- Photocopiers
- Duplicators
- Scanners

Sub-module 4: Printing of Documents

Duration: 16 hours

Competence	Content	Teaching and Learning Strategies
The learner prints documents using the digital, offset, and lithographic methods.	 Digital printing Offset printing Lithographic processes Merits and demerits of each printing method, 	 Lead learners through the practice of printing documents using the digital, offset, or lithographic process. Lead a guided discussion on the merits and demerits of each printing method.



Assessment Strategy

Give learners task to re-produce documents using different printing methods.

Teaching and Learning Resource

- Printer
- Computer
- CD/DVD
- Flip charts/ stand
- Mark pens
- Video/audio

Sub-module 5: Duplicating

Duration: 14 hours

Duration: 11 hours		
Competences	Content	Teaching and Learning Strategies
The learner: • duplicates documents using hectographs , stencil, or spirit. • analyses the merits and demerits of each duplicating method.	 Duplicating methods Hectograph Stencil duplicating Sprit duplicating Duplicating process Merits and demerits of each method. 	 Demonstrate to learners how to duplicate documents. Guide learners through practice to duplicate information using hectograph, stencil, or spirit. Lead a guided discussion on the merits and demerits of each duplicating method.

Assessment Strategy

Give learners tasks to duplicate documents using the hectograph, stencil, and spirit methods.

Teaching and Learning Resource

Duplicators

Sub-module 6: Photocopying

Duration: 14 Hours

Competences Content Teaching and Learning						
Competences	Content	Teaching and Learning				
		Strategies				
The learner: • photocopies documents using thermograph, electrostatic, or dyeline methods. • analyses the merits and demerits of each photocopying method.	 Photocopying methods Thermograph Electrostatic (Wet method and Xerography) Dyeline Merits and demerits of each photocopying method. 	 Demonstrate to learners how to operate a photocopying machine. Guide learners through practice to photocopy documents using the different methods. Lead a guided discussion on the merits and demerits of each photocopying method. 				

Assessment Strategy

Give learners tasks to photocopy documents using the thermograph, electrostatic, and dyeline methods.

Teaching and Learning Resource

- Photocopiers
- Cartridge
- Stationary

Suggested References

UC (2012) Reprographic guidelines. Printing and Reprographics; Atlanta printing plant.

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NCSM225: Real Life Project

Duration: 60 Hours

Module Overview

The module will enhance the learner's attitudes towards business and selfemployment. It will empower the learner with skills to protect documents from destruction and prepare him/her for what to do after school so as to generate income.

Learning Outcome

By the end of this module, the learner should be able to set strategies of sustaining the project.

Diversification of Project

Duration: 60 Hours

Competences	Content	Teaching and Learning Strategies	
The learner: improves on the quality of products/services. makes more products to expand the project. presents the project products/services.	 Product/service modification Project expansion Project diversification Project presentation 	 Guidelines on how to improve on the project outputs. Demonstrate to learners the need to diversify the project services. Let learners present the outcomes of their projects. 	

Sample Projects

- Laminating, binding, and sealing documents
- Photocopying/printing/scanning services
- Designing receipt books
- Duplicating
- Internet café
- Telephone services

CSM226: Internship

Credit Units: 4

Module Overview

This module introduces the concept of attachment of the learner to industries and other work places to enhance practical skills and expose the learner to different working environments. The learner will understand the concepts studied in class in a more detailed and hands on practice within a real work situation.

Learning Outcome

By the end of this module, the learner should be acquainted with practical skills of providing secretarial services in a professional manner.

Sub-module 1: Internship

Duration: 240 Hours

Duration: 240 Hours						
Competences	Content	Teaching and Learning				
		Strategies				
The learner: observes safety, health and environmental regulations acquaints with working environment. familiarizes with office tools and equipment protects records and other office information. translates theoretical knowledge learnt into practice in a working	 Safety, health and environmental regulations Acquaintance with working environment Familiarization with equipment, tools and other office procedures Record keeping Relating with others Report writing Ethical code of conduct Customer care 	 Lead a guided discussion on the importance of industrial training, how it should be conducted, where it can be conducted and when to conduct it. Write introduction letters for the learners to send to firms that they have hope to train with. Send institute staff to search for places for the learners' industrial training. Record all learners' contacts to ease follow up and industrial training supervision. 				



Competences	Content	Teaching and Learning Strategies
 environment. interrelates with others. writes performance reports. demonstrates ethical and professional code in handling secretarial work. 		 Supervise the learners as they train. Guide and advise the learner in the areas of need.

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Appendices

Appendix 1: Internship Guidelines

The guidelines below should be followed during Internship Training:

- i) It starts at the end of the 4th semester (2nd year).
- ii) It takes a minimum period of 8 weeks.
- iii) It is carried out at the world of work located in any part of Uganda including the training institutions.
- iv) The training institution has the duty of budgeting for Industrial Training, obtaining money from government for government sponsored students, explaining to the learners what they are expected to do, finding placements for the learners, posting learners, supervising and assessing them during the Industrial Training.

Supervision

- There should be two supervisors; one from the world of work / field / industry supervisor and an academic supervisor from the training institution.
- ii) The academic supervisor will visit the learner at least once. During these visits, she/he will interact with the learner and the field supervisor to assess the learner's performance.

Assessment

Marks for assessment should be divided into three as follows:

i)	Assessment by field supervisor	50%
ii)	Assessment by academic supervisor	30%
iii)	Field attachment report	20%

All the above assessment must be carried to ascertain the learner's competences.

Note: The institutions should submit the list of industrial placements for the candidates with contacts in order for the examination board to carry out its external supervision and verification.

Appendix 2: Internship Assessment Form for workplace Supervisor

M	.m.	of Institution	Nama	of the fi	****
-		of the Learner			
l		ration Na	_		
	_	ure Date		-	L
J.		ea of Assessment	Mar	Score	Area of Improvement
			ks	50010	
Α	Atte	endance (% age of days	5		
		l times within the days			
	pre	esent)			
В	Wo	rk Performance	30		
	Inv	olvement			
	1.	Co-operation with other	5		
		staff			
	2.	General ability to use	10		
		various equipment,			
		machines or plant in the			
		workplace			
	3.	Flexibility—willingness	7		
		to learn from various			
		sections in industry			
	4.	Job planning	8		
C	Init	tiative and Innovations	15		
	1.	Problem-solving	8		
	2.	New ideas on	7		
		improvement for			
		efficiency of			
		performance or			
		operations			
D	Tin	ne Management	5		
	1.	Reporting on time	1		
	2.	Leaving at specified	1		
		break-off or stoppage			
		time			
	3.	Meeting deadlines on	3		
		assignments given by			
		supervisors or			
		instructors			



E	Dis	scipline and Safety	15	
	Observation		10	
	1.	Use of right equipment	4	
		for right job		
	2.	Obeying instructions	4	
	3.	Proper handling of	2	
		equipment and or		
		materials		
	4.	Ability to practice safety	3	
		measures in the		
		workplace		
	5.	Knowledge of first aid	2	
		procedures in case of		
		accident		
F		actical Skills	20	
	1.	Ability to put into	4	
		practice training		
		instructions from		
		facilitators and		
	2	supervisors	4	
	2.	Ability to relate	4	
		theoretical knowledge		
		with practical applications		
	3.	Proper use of manuals	4	
	٥.	and guidelines	T	
	4.	Ability to carry out	4	
	1.	troubleshooting on	1	
		equipment use		
	5.	Ability to service and	4	
		maintain equipment		
		(clean and protect from		
		damage)		
G		General Remarks	5	
		(other assessment at		
		discretion of assessor)		

The assessment shall be carried out as indicated in each area, then the total marks obtained will be computed to 50%.

Appendix 3: Internship Assessment Form for Academic Supervisor

	ame of Institution Name of the firm							
				_	ture			
Re	gist	ration Number	N	Name of su	pervisor			
Sig	gnat	ure	Date					
	Are	ea of Assessment	Marks	Score	Area of Improvement			
Α	Att	endance (was the	5					
	lea	rner at his/her						
	wo	rk place?)						
В	Uno	derstanding of	21					
	tas	ks						
	1.	Did the learner	2					
		provide weekly						
		summary of work						
		performed?						
	2.	How did the	4					
		learner describe						
		the tasks						
		performed?						
	3.	How was the	3					
		learner able to						
		explain why tasks						
		were being done in						
		a particular way?						
	4.	How did the	3					
		learner explain						
		problems						
		experienced when						
		carrying out the						
		work and how they						
		were solved?						
	5.	How did the	2					
		learner explain the						
		knowledge and						
		skills acquired at						
		the institute that						
		enabled to						
		perform?						



		examiner) al mark	30	
		at discretion of		
		(Other assessment		
C		General Remarks	4	
		training?		
		classroom		
		tasks to the		
		internship training		
		learner relate the		
	8.	How did the	2	
		maintain it?		
		to improve or		
		how he/she plans		
		supervisors and		
		other workers and		
		relationship with		
	/.	learner explain the	4	
	7.	and skills gained? How did the	2	
		the new knowledge		
		learner describe		
	6.	How did the	3	

The assessment shall be carried out as indicated in each area and then the total marks obtained shall be computed to 30%.

Appendix 4: Field Attachment Report and Guide for Internship

The report should be written in English and must contain the following to be assessed as shown:

No	Cont	ent	Maximum
			Score
1	Cove	1 mark	
	i)	Name of institution	
	ii)	Name of department	
	iii)	Name of learner and year of study	
	iv)	Place of internship training	
	v)	Period of internship training e.g. July- September, 1510	
	vi)	Academic and Field Supervisor's signatures	
2	Ackr	nowledgements	0.5 marks
	i)	Acknowledge all assistance during field training	
	ii)	Acknowledge assistance during report writing	
3	Exec	utive summary or abstract	2 marks
	i)	To include statement of the most practical work carried	
		out	
	ii)	Challenges	
	iii)	Conclusions	
4	Table of contents		0.5 marks
	1	show the content of the report and page numbers where	
		r first occur	
5	List	of figures	0.5 marks
	i)	All figures in the report must have a number and a	
		caption	
	ii)	Figures must be numbered according to the chapters	
		where they occur for example; Figure 4.1, to refer to	
		first Figure in chapter 4	
	iii)	The pages where the figures occur must be shown in the	
		list of figures	
6	List	of tables	0.5 marks
	i)	All tables in the report must have a number and a	
		header	
	ii)	Tables must be numbered according to the chapters	
		where they occur; for example, Table 2.1, to refer to	
		first table in Chapter 2	
	iii)	The pages where the tables occur must be shown in the	
		list of tables	



7	List	of acronyms or abbreviations	0.5 marks
	Acr	onyms used should be given in alphabetical order with	
	thei	r full meaning shown	
8	Intro	oduction	2 Marks
	i)	Location and description of place of field attachment	
	ii)	Objectives of field attachment	
	iii)	Structure, organisation	
	iv)	Major activities of the firm attached to e.g. if District	
		Local Government, describe its role in the society	
9	Mai	n body of the report	8 marks
	i)	Description of work carried out	
	ii)	Duties and responsibilities assigned and how they were	
		carried out	
	iii)	New knowledge and skills gained	
	iv)	Relationship with other staff and supervisor	
	v)	Problems experienced and how they were handled	
10	Cond	clusions	1mark
	A bri	ef summary of knowledge gained as outlined in the	
	obje	ctives	
11	Reco	ommendations	1.5 marks
	i)	For improving internship training, usually derived from	
		problems experienced	
	ii)	For improvement of work output at the firm (this is	
		included if allowed by the workplace supervisor)	
12	Refe	rences	1 mark
	i)	Textbooks and internet material	
	ii)	APA style of referencing must be used for example	
		Kyalikisa R. (2010). "Effect of window net on the	
		reduction of Malaria," Journal Health Construction, Vol	
		17, New York.	
13	App	endices	1 mark
	i)	Guidelines used during training	
	ii)	Photographs, maps, etc.	
Tota	al ma	rk	20 marks





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