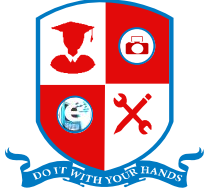# CORE TECHNICAL AND BUSINESS INSTITUTE

MENGO WAKALIGA ZONE 7 LUBAGA –DIVISION

Moto: ' *Do it with your hands'*

Tel: +256 704 423 570/0708003170

BCP, CIVIL ENG, Mobile Phone, Electronics Technology, Applied graphics, Motor vehicle mechanics, Electrical Inst, Journalism & Mass communication, Early childhood education, Professional Hair Dressing, Catering, Computer Training, Tailoring, Fashion & Design

Registered and **A**ccredited with the Directorate of Industrial Training (DIT) **M**inistry of **E**ducation CENTRE NUMBER UVQF 1133

DATE;1ST/JULY 2024

REF; <mark>CORE TECHNICAL AND BUSINESS INSTITUTE SCHOLARSHIPS 2024</mark>

<mark>CORE TECHNICAL AND BUSINESS INSTITUTE IS GRANTING SCHOLARSHIPS TO ALL STUDENTS-PEOPLE TUITION FREE SCHOLARSHIP PROGRAMS IN ALL COURSES AT ALL LEVELS-DIPLOMA,CERTIFICATE,UCPC CERTIFICATE,MODULAR,WORK'S PASS,SHORT COURSES.</mark>

STUDENTS WILL ONLY PAY FOR COURSE REQUIREMENTS.

We are excited to announce that CORE TECHNICAL AND BUSINESS INSTITUTE is granting scholarships to both boys and girls. These scholarships will help both boys and girls who are facing financial hardship to continue their education in Technical,Vocational and Business course. CORE TECHNICAL AND BUSINESS INSTITUTE is Registered and Accredited with the Directorate of Industrial Training (DIT)Ministry of Education CENTRE NUMBER UVQF 1133

We believe that education is the key to a better future. When young generation are educated, they are more likely to:Earn a living and support themselves and their families Delay marriage and childbirth more especially girls, which has a positive impact on population growth and development.

Be healthy, productive members of society

We are committed to helping both boys and girls reach their full potential. By providing scholarships, we can help both boys girls overcome financial barriers and continue their education.

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ALL CITIZENS ARE ELIGIBLE FOR A SCHOLARSHIPS

DAY	DATE	VENUE	REQUIREMENTS	TIME
FROM	1ST 07-2024-	CORE TECHNICAL AND BUSINESS INSTITUTE CAMPUS	4PASSPORT PHOTOS	9:00-2:00PM
MONDAY	10TH 07-2024	MENGO-WAKALIGA	30,000/- FOR REGISTRATION	

MAIN PROGRAM

DIPLOMA/CERTIFICATE/UCPC PROGRAM	DURATION	EXAMINING BODY	FEES	SCHOLARSHIP A STUDENT ONLY PAY COURSE REQUIREMENTS
PROFESSIONAL MOBILE PHONE REPAIRS AND SOLAR TECHNOLOGY	2 YEARS	D.I.T	100 % FREE	150,000/- PER SEMSTER
ELECTRICAL ENGINEERING	2 YEARS	UBTEB/D.I.T	100 % FREE	150,000/-PER SEMSTER
CIVIL ENGINEERING	2 YEARS	UBTEB/D.I.T	100 % FREE	150,000/- PER SEMSTER
ELECTRONICS AND PROFESSIONAL MOBILE PHONE TECHNOLOGY	2 YEARS	UBTEB/ D.I.T	100 % FREE	150,000/- PER SEMSTER
PLUMBING AND WATER ENGINEERING	2 YEARS	UBTEB/ D.I.T	100 % FREE	150,000/- PER SEMSTER
WELDING AND FABRICATION	2 YEARS	UBTEB/D.I.T	100 % FREE	150,000/- PER SEMSTER
CARPENTRY AND JOINERY	2 YEARS	UBTEB/D.I.T	100 % FREE	150,000/- PER SEMSTER
BUILDING AND CONCRETE PRACTICE	2 YEARS	UBTEB/ D.I.T	100 % FREE	150,000/- PER SEMSTER
MOTOR VEHICLE MECHANICS	2 YEARS	UBTEB/ D.I.T	100 % FREE	150,000/- PER SEMSTER

BUSINESS COURSES

MASS COMMUNICATION AND JOURNALISM	2 YEARS	UBTEB/NCHE	100 % FREE	150,000/- PER SEMSTER
JOURNALISM AND MEDIA STUDIES	2 YEARS	UBTEB	100 % FREE	130,000/- PER SEMSTER
RADIO AND TV PRESENTATION	1 YEAR	C.T.I	100 % FREE	130,000/- PER SEMSTER
COMPUTER APPLIED GRAPHICS	2YEAR	D.I.T	100 % FREE	140,000/- PER SEMSTER
EARLY CHILD HOOD/NURSERY TEACHING	2 YEARS	KYU/NCHE	100 % FREE	150,000/- PER SEMSTER

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COMPUTER SCIENCE/ICT	2 YEARS	UBTEB/D.I.T	100 % FREE	140,000/- PER SEMSTER
COMPUTER PROGRAMMING	2 YEARS	UBTEB/ D.I.T	100 % FREE	140,000/- PER SEMSTER
VIDEO PRODUCTION	2 YEARS	UBTEB/ D.I.T	100 % FREE	140,000/- PER SEMSTER
MARKETING AND FINANCE	2 YEARS	UBTEB/NCHE	100 % FREE	140,000/- PER SEMSTER
BUSINESS ADMINISTRATION, MANAGEMENT AND ENTREPRENEURSHIP	2 YEARS	UBTEB/NCHE	100 % FREE	140,000/- PER SEMSTER

VOCATIONAL COURSES

FASHION AND DESIGNING AND EVENT MANAGEMENT	2YEARS	UBTEB	100 % FREE	135,000/- PER SEMSTER
BEAUTY, COSMETOLOGY AND BRIDAL CARE	2YEARS	UBTEB	100 % FREE	135,000/- PER SEMSTER
CATERING AND HOTEL MANAGEMENT	2YEARS	UBTEB/ D.I.T	100 % FREE	135,000/- PER SEMSTER
PROFESSIONAL HAIRDRESSING	2YEARS	UBTEB/ D.I.T	100 % FREE	135,000/- PER SEMSTER
MANICURE AND PEDICURE	1YEAR	DIT	100 % FREE	135,000/- PER SEMSTER

FAST FOODS AND SNACKS   1YEAR   DIT

100 % FREE   135,000/- PER SEMSTER

BOARDING SECTION

BOARDING SECTION   **350,000/-**   REQUIREMENTS,ACCOMODATION AND FEEDING INCLUSIVE

FREE A/BONUS COURSES

COMPUTER LESSONS   SWAHILI LESSONS   FRENCH LESSONS   SHOE MAKING

SHORT COURSES & HOLIDAY PROGRAMS

SHORT COURSES	DURATION	EXAMINING BODY	FEES	BURSARY SCHEME
ELECTRONICS PRACTICE	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
RADIO&TV PRACTICE	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
PLUMBING PRACTICE	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
ELECTRICAL PRACTICE	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
MECHANICS PRACTICE	6MONTHS	DIT/CTBI	100 % FREE	200,000/-

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Course	Duration	Certification		Price
SOLAR TECHNOLOGY	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
AUTO WIRING	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
DJYING LESSONS	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
SHOE MAKING	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
FIRST FOODS AND SNACKS	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
DRIVING LESSONS	3MONTHS	DIT/CTBI	100 % FREE	250,000/-
ICE CREAM MAKING	1MONTH	DIT/CTBI	100 % FREE	100,000/-
CAKE MAKING	2MONTHS	DIT/CTBI	100 % FREE	150,000/-
JOICE MAKING	1MONTH	DIT/CTBI	100 % FREE	100,000/-
COMPUTER APPLICATIONS	3MONTHS	DIT/CTBI	100 % FREE	150,000/-
SWAHILI LANGUAGE	6MONTHS	DIT/CTBI	100 % FREE	100,000/-
LIQUID SOAP MAKING	2MONTHS	DIT/CTBI	100 % FREE	150,000/-
RADIO & TV PRESENTATION	3MONTHS	DIT/CTBI	100 % FREE	150,000/-
HAIR CUTTING &HAIR TRIMMING	4MONTHS	DIT/CTBI	100 % FREE	150,000/-
HAIR TONGING	3MONTHS	DIT/CTBI	100 % FREE	100,000/-
WEAVING AND BRIDAL STYLING	6MONTHS	DIT/CTBI	100 % FREE	150,000/-
WAXING	2MONTHS	DIT/CTBI	100 % FREE	100,000/-
MANICURE PEDICURE AND FACIAL TREATMENT	6MONTHS	DIT/CTBI	100 % FREE	200,000/-
VIDEO PRODUCTION	4MONTHS	DIT/CTBI	100 % FREE	150,000/-
PAINTING	3MONTHS	DIT/CTBI	100 % FREE	100,000/-
FASHION DESIGNING AND TAIRLORING	HOLIDAY	DIT/CTBI	100 % FREE	150,000/-

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BE A LEADER, NOT A FOLLOWER!

CLASS OF 2024

This programme covers both the breadth and the inter-disciplinary aspect of business as a whole. It balances conceptual knowledge with an applied curriculum that is also suitable for vast positions in various industries such as Finance, Marketing, Human Resource and others.

This Diploma is a two-year, full time, day, evening and weekend Programmes. It's appropriate for students who wish to acquire knowledge in business and management. Graduates of the Programme have a formidable capacity to solve complex business problems with enormous creativity and innovation. The blend of the course content exposes the student to an international business outlook from a Ugandan context.

DIPLOMA IN BUSINESS ADMINISTRATION

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COURSE CODE	COURSE NAME
PROGRAMME STRUCTURE CAREER OBJECTIVE STUDY MODES	
COURSE CODE	**COURSE NAME**
YEAR I	**SEMESTER I**
DBA112	MICROECONOMICS
DBA113	BUSINESS ADMINISTRATION
DBA115	FINANCIAL ACCOUNTING
DBA116	BASIC STATISTICS
DIT110	INTRODUCTION TO INFORMATION AND COMMUNICATION TECHNOLOGIES
DJC110	COMMUNICATION SKILLS AND LEARNING SKILLS FOR EMPLOYABILITY
YEAR I	**SEMESTER II**
DBA121	COST ACCOUNTING AND BUDGETING
DBA123	BUSINESS ENVIRONMENT
DBA124	PRINCIPLES OF MARKETING
DBA125	BUSINESS LAW
DBA126	STORES AND INVENTORY MANAGEMENT
YEAR II	**SEMESTER I**
DBA211	MANAGERIAL ACCOUNTING
DBA212	MANAGEMENT INFORMATION SYSTEMS
DBA213	ENTREPRENEURSHIP AND E-COMMERCE
DBA215	HUMAN RESOURCE MANAGEMENT
DBA216	PROCUREMENT MANAGEMENT
DBA217	INDUSTRIAL TRAINING (RECESS PERIOD)
YEAR II	**SEMESTER II**
DBA221	AUDITING I
DBA222	FINANCIAL MANAGEMENT
DBA223	TAXATION
RSC001	RESEARCH METHODOLOGY

CERTIFICATE IN BUSINESS ADMINISTRATION

Course Code: CBA

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Level: Certificate

Duration: 2 Years

Business is any activity that one undertakes with an intention of making a profit, and ultimately accumulating wealth. This means that every academic discipline is business. One needs to appreciate the basic concepts of business, the computation of profits, the management of finances, and mobilization of capital, and ultimately the effective marketing of the goods or services.

The Certificate in Business Administration programme is aimed at developing business professionals with skills that can transform and profitably sustain businesses.

PROGRAMME OBJECTIVES

The Programme will develop the competency required to mobilize organize, direct, and control resources, in order to generate sufficient return to capital and to the owners of business.

The program aims at equipping learners with skills of effectively and efficiently perform their duties within the legal, ethical and tax regime environment of their current and/or future deployments.

This program is mainly targeting secondary school leavers and certificate level holders, who seek either a higher-level qualification in order the enhance their employment prospects, or who need a strong foundation qualification in accounting and finance studies to prepare them for their Diploma, and subsequently, their University studies in in business, administration and management programmes.

MODULES
YEAR I SEMESTER I

CBA111 Introduction to Business Administration
CAF112 Financial Accounting I
CBA113 Introduction to Economics

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CCS111 Introduction to Computing & IT
CJM115 Communication skills
YEAR I SEMESTER II

CBA121 Computers & Micro Computer Applications
CAF122 Quantitative Methods
CAF123 Business Finance
CBA124 Business Economics
CBA125 Principles of management
YEAR 2 SEMESTER I

CAF211 Taxation
CHR212 Organisational Behaviour
CBA213 Business law
CBA214 Research Methodology
CBA212 Strategic Planning & Decision Making
CCS213 Information Systems
YEAR 2 SEMESTER II

CAF222 Audit theory
CAF223 Cost Accounting
CEI221 Entrepreneurship Skills
CBA221 Ethical, Legal, and Social Issues in Business
CBA225 Final Year Project/ThesisIndustrial training
CBA226 Industrial Attachment (8 weeks)

CAREER PATHS
Students who undertake this program will have business administration and management Services employment opportunities, ranging from business administrators, business development positions, business advisers and analyst positions. Typically, the graduates can work in organizations, commercial banks, non-bank financial institutions, Government Ministries, Departments and Agencies (MDAs), as well as Non-Governmental Organizations (NGOs), business enterprises and establishments, among other sectors with need for business administration service professionals to manage their businesses for improved their operations and performance. On the other hand, the programme also offers a great and firm

foundation for one to become a business entrepreneur in their own right, and create employment opportunities for others.

Diploma in Education (Early Childhood Education)

YEAR 1	FIRST SEMESTER	Unit(s)	Hrs
CODE	COURSE TITLE	2	2
Dec 1101	FOUNDATIONS OF EDUCATION	3	3
Dec 1102	INTRODUCTION TO EARLY CHILDHOOD DEVELOPMENT	3	3
Dec 1103	LEARNING METHODS IN EARLY CHILDHOOD DEVELOPMENT	2	2
Dec 1104	TECHNOLOGY IN EARLY CHILDHOOD DEVELOPMENT	3	3
Dec 1105	PLAY IN EARLY YEARS' LEARNING	3	3
Dec 500	SWAHILI	2	2
Dec 501	COMMUNICATION SKILLS	2	2
Dec502	HOME MADE PROJECTS	2	2
YEAR 1	SECOND SEMESTER		
Dec 1201	RESEARCH METHODS IN ECD	4	4
Dec 1202	LANGUAGE IN EARLY CHILDHOOD DEVELOPMENT	3	3
Dec 1203	MATHEMATICS IN EARLY CHILDHOOD DEVELOPMENT	2	2
Dec 1204	EARLY CHILDHOOD DEVELOPMENT CURRICULA	2	2
Dec 1205	SCHOOL PRACTICE	2	2
Dec 504	SWAHILI	2	2
Dec 505	COMMUNICATION SKILLS	2	2
Dec 506	HOME MADE PROJECTS	2	2
YEAR TWO	FIRST SEMESTER		
Dec 2101	EDUCATIONAL PSYCHOLOGY	4	4
Dec 2102	ASSESSMENT IN EARLY CHILDHOOD DEVELOPMENT	3	3
Dec 2103	SPECIAL NEEDS EDUCATION	2	2

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Code	Course	Unit(s)	Hrs
Dec 2104	ADMINISTRATION AND MANAGEMENT	2	2
Dec 2105	CHILD CARE, SAFETY AND PROTECTION	2	2
Dec 2106	CHILD STUDY	2	2
Dec 507	ENTREPRENEURSHIP SKILLS	2	2
Dec 508	HOME MADE PROJECTS	2	2
Dec 509	SWAHILI	2	2

YEAR TWO SECOND SEMESTER

Code	Course	Unit(s)	Hrs
Dec 2201	DEVELOPMENT ISSUES AND EARLY CHILDHOOD DEVELOPMENT	4	4
Dec 2202	RELIGIOUS EDUCATION IN EARLY CHILDHOOD DEVELOPMENT	3	3
Dec 2203	CHILD HEALTH AND NUTRITION	2	2
Dec 2204	CREATIVE ARTS IN EARLY CHILDHOOD DEVELOPMENT	2	2
Dec 2205	RESEARCH PROJECT REPORT	2	2
Dec 510	ENTREPRENEURSHIP SKILLS	2	2
Dec 511	HOME MADE PROJECTS	2	2
Dec 512	SWAHILI	2	2

Certificate in Electronics technology

CODE	YEAR 1 TRIMESTER ONE	Unit(s)	Hrs
CET 000	INTRODUCTION TO ELECTRONICS TECHNOLOGY 1	2	2
CET 001	INTRODUCTION TO MOBILE PHONE HARDWARE 1	3	3
CET 002	INTRODUCTION TO MOBILE PHONE SOFTWARE 1	3	3
CET 003	REAL LLIFE PROJECTS	2	2
CET 900	SWAHILI	2	2
CET 9001	COMMUNICATION SKILLS	2	2
CET 9001	HOME MADE PROJECTS	2	2

YEAR 1: TRIMESTER TWO

CODE	INTRODUCTION TO ELECTRONICS TECHNOLOGY II		

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Code	Course		
CET 004	INTRODUCTION TO MOBILE PHONE HARDWARE II	4	4
CET 005	INTRODUCTION TO MOBILE PHONE SOFTWARE II	3	3
CET 006	REAL LLIFE PROJECTS	2	2
CET 007	INTRODUCTION TO RADIO TVSERVICES AND REPAIRS	2	2
CET 900	SWAHILI	2	2
CT 9001	COMMUNICATION SKILLS	2	2
CET 9001	HOME MADE PROJECTS	2	2
CODE			

YEAR 1:   TRIMESTER THREE

Code	Course		
CET	INTRODUCTION TO ELECTRONICS TECHNOLOGY III	4	4
CET 009	INTRODUCTION TO MOBILE PHONE HARDWARE III	3	3
CET 010	INTRODUCTION TO MOBILE PHONE SOFTWARE III	2	2
CET 007	INTRODUCTION TO RADIO TVSERVICES AND REPAIRS	2	2
CET 901	REAL LLIFE PROJECTS	2	2
CET 902	INTRODUCTION TO RADIO TVSERVICES AND REPAIRS	2	2
CET 903	HOME MADE PROJECTS	2	2
CET 904	SWAHILI	2	2

YEAR 2:   TRIMESTER ONE

Code	Course		
CODE	DIGITAL ELECTRONICS I	2	2
CET 012	ANALOGUE ELECTRONICS I	2	2
CET 013	RADIO TVSERVICES AND REPAIRS	4	4
CET 013	ADVANCED MOBILE PHONE SOFTWARE	3	3
CEC 014	ADVANCED MOBILE PHONE HARDWARE	3	3
CEC 902	ENTREPRENEURSHIP SKILLS	2	2
CEC 903	HOME MADE PROJECTS	2	2
CEC 904	SWAHILI	2	2

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CODE	DIGITAL ELECTRONICS II	2	2
CET 012	ANALOGUE ELECTRONICS II	2	2
CET 013	RADIO TVSERVICES AND REPAIRS	4	4
CET 013	ADVANCED MOBILE PHONE SOFTWARE	3	3
CET 014	ADVANCED MOBILE PHONE HARDWARE	3	3
CET 017	**APPLIED MATHEMATICS**	2	2
CEC 902	ENTREPRENEURSHIP SKILLS	2	2
CEC 903	COMPUTER REPAIR	2	2
CEC 904	ELECTRICAL PRINCIPLES AND SOLAR SYSTEM	2	2

YEAR 2:   TRIMESTER THREE

CODE	INDUSTRIAL ELECTRONICS	2	2
CET 012	CAMERA INSTALLATION	2	2
CET 013	RADIO TVSERVICES AND REPAIRS	4	4
CEC 014	MOBILE PHONE APPLICATION DEVELOPMENT	3	3
CEC 902	ENTREPRENEURSHIP SKILLS	2	2
CET 015	**APPLIED MATHEMATICS**	2	2
CEC 903	COMPUTER REPAIR	2	2
CEC 904	ELECTRICAL PRINCIPLES AND SOLAR SYSTEM	2	2

DIPLOMA IN MARKETING & ADVERTISING

Course Code: DMA

Level: Diploma

Duration: 2 Years

Diploma in Marketing & Advertising focuses on the primary link between businesses/organisations and customers and helps develop a better understanding of how to produce more effective marketing and advertising campaigns and communications. The course helps to develop a greater

understanding of how to produce effective communications giving a broader perspective on aspects of marketing, customer behavior, communications, media among other interrelated aspects. The also course provides opportunities to work on live or near live projects so that students can gain hands-on experience applicable in the workplace.

It allows the development of both cognitive and practical skills, and is beneficial for graduates who want to work in the Marketing and Advertising Communications industry.

The program mainly targets secondary school leavers and certificate level holders, who seek either a higher-level qualification in order the enhance their employment prospects, or who need a strong foundation qualification in marketing and advertising studies to prepare them for University studies in areas of business administration and management, marketing, and advertising and other related programmes.

MODULES

YEAR I SEMESTER I

- DMA111 Introduction to Marketing Principles
- DMA112 Introduction to Advertising
- DCS111 Introduction to Computing & IT
- DCG114 Introduction to Digital Design
- DJM115 Communication Skills

YEAR I SEMESTER II

- DMA121 Media Planning & Production Process
- DMA122 Product & corporate branding
- DMA123 Consumer behavior
- DMA124 Advertising & Marketing Strategy
- DMA125 Visual & Audio Communication Production

YEAR II SEMESTER I

- DMA211 Direct & Indirect Marketing
- DMA212 Digital Marketing & Communication
- DMA213 Public Relations & Client Servicing Copywriting

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- DBA214 Research Methodology
- DMA215 Market Research & Customer Validation

YEAR II SEMESTER II

- DMA221 Integrated Marketing Communication
- DMA222 Social Advertising & Corporate Social Responsibility
- DMA223 Event Planning & Management
- DBA221 Ethical, Legal, and Social Issues in Business
- DMA225 Final Year Project/Thesis

Industrial training

- DMA226 Industrial Attachment (8 weeks)

CAREER PATHS

Students who undertake this program will have relatively wider application of the knowledge gained, with creative, persuasive, and leadership skills in effecting advertising and marketing skills for business, and organizations.

Upon completion of this course, graduates can suitably find and fit into areas of the marketing chain (i.e. products, sales, communications or distribution) in positions such as; marketing offices and managers, marketing analysts, sales managers, sales or marketing directors.

CERTIFICATE IN MARKETING & ADVERTISING

Course Code: CMA

Level: Certificate

Duration: 2 Years

Certificate in Marketing & Advertising focuses on the primary link between businesses/organizations and customers and helps develop a better understanding of how to produce more effective marketing and advertising campaigns and communications. The course helps to develop a greater understanding of how to produce effective communications giving a broader perspective on aspects of marketing, customer behavior, communications, media among other interrelated aspects. The also course provides opportunities to work on live or near live

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projects so that students can gain hands-on experience applicable in the workplace.

It allows the development of both cognitive and practical skills, and is beneficial for graduates who want to work in the Marketing and Advertising Communications industry.

The program mainly targets O'Level secondary leavers and certificate level holders, who seek either a qualification to kick-start their career and employment prospects, or who need a foundation in marketing and advertising studies to prepare them for Diploma and University studies in areas of business administration and management, marketing, and advertising and other related programmes.

MODULES

YEAR 1 SEMESTER I

- CMA111 Introduction to Marketing Principles
- CMA112 Introduction to Advertising
- CCS111 Introduction to Computing & IT
- CCG114 Introduction to Digital Design
- CJM115 Communication Skills

YEAR 1 SEMESTER II

- CMA121 Media Planning & Production Process
- CMA122 Product & corporate branding
- CMA123 Consumer behavior
- CMA124 Advertising & Marketing Strategy
- CMA125 Visual & Audio Communication Production

YEAR 2 SEMESTER I

- DMA211 Direct & Indirect Marketing
- DMA212 Digital Marketing & Communication
- CMA213 Public Relations & Client Servicing Copywriting
- CBA214 Research Methodology
- CMA215 Market Research & Customer Validation

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YEAR 2 SEMESTER II

- CMA221 Integrated Marketing Communication
- CMA222 Social Advertising & Corporate Social Responsibility
- CMA223 Event Planning & Management
- CBA221 Ethical, Legal, and Social Issues in Business
- CMA225 Final Year Project/Thesis

Industrial training

- CMA226 Industrial Attachment (8 weeks)

CAREER PATHS

Students who undertake this program will have relatively wider application of the knowledge gained, with creative and persuasive skills in effecting advertising and marketing skills for business, and organizations.

Upon completion of this course, graduates can suitably find and fit into areas of the marketing chain (i.e. products, sales, communications or distribution) in positions such as; marketing officer, sales distributors.

DIPLOMA IN BEAUTY AND COSMETOLOGY			
CODE	YEAR 1 TRIMESTER ONE	Unit(s)	Hrs
COD111 3	FUNDAMENTALS OF HAIR DRESSING	2	2
COD112 5	HAIR PRACTICALS 1	2	2
COD113 3	FUNDAMENTALS OF MANAGEMENT	2	2
COM110 3	COMMUNICATION SKILLS	2	2
ENT240 4	ENTREPRENEURSHIP	2	2
CHD 003	REAL LLIFE PROJECTS	2	2
CHD 900	SWAHILI	2	2
CHD 9001	COMMUNICATION SKILLS	2	2
CHD 9001	HOME MADE PROJECTS	2	2
YEAR 1:	TRIMESTER TWO		

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CHD1213	FUNDAMENTALS OF HAIR THERAPY	4	4
ACD1003	HAIR DRESSING 1 HAIR PRACTICALS II	2	2
COD1225	FUNDAMENTALS OF ACCOUNTING	2	2
CHD006	REAL LLIFE PROJECTS	2	2
DOD1224	HAIR STYLING	2	2
SDOD900	SWAHILI	2	2
HDOD001	HOME MADE PROJECTS	2	2
==YEAR 1:==	==TRIMESTER THREE==		
COD131 4	BEAUTY THERAPY 1	2	2
COD132 4	BEAUTY PRACTICALS I	2	2
COD133 4	FUNDAMENTALS OF BEAUTY THERAPY	2	2
CSD113 4	COMPUTER APPLICATIONS	2	2
DHD1333	HAIR DESIGN	2	2
CHD901	REAL LLIFE PROJECTS	2	2
CHD903	HOME MADE PROJECTS	2	2
CHD 904	SWAHILI	2	2
COC213 4	INDUSTRIAL TRAINING	2	2
==YEAR 2:==	==TRIMESTER ONE==		
COC1113	FUNDAMENTALS OF HAIR DRESSING I	2	2
COD211 3	BEAUTY THERAPY 1	2	2
COD212 3	ADVANCED HAIR PRACTICALS	2	2
COD214 3	HAIR DRESSING II	2	2
COD232 3	ADVANCED BEAUTY PRACTICALS	2	2
REM210 4	RESEARCH METHODOLOGY	2	2
COC1125	NAIL TECHNOLOGY	4	4
COC1125	HAIRCUTTING	3	3

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		Unit(s)	Hrs
CHD902	ENTREPRENEURSHIP SKILLS	2	2
CEC 903	HOME MADE PROJECTS	2	2
CEC 904	SWAHILI	2	2
YEAR 2:	TRIMESTER TWO	2	2
REP2203	RESEARCH PROJECT	2	2
COD2214	FUNDAMENTALS OF MARKETING	2	2
COD2224	BEAUTY THERAPY II	2	2
COD2234	BEAUTY PRACTICALS II	2	2
COD2243	ADVANCED HAIR DRESSING	2	2
COC1214	FUNDAMENTALS OF HAIR DRESSING II	2	2
COC1225	HAIR PRACTICALS II	4	4
COC133 3	HAIR DESIGN 111	4	4
COC123	CHEMICAL HAIR RELAXING AND CURL REFORMING	3	3
DEC 902	ENTREPRENEURSHIP SKILLS	2	2
YEAR 2:	TRIMESTER THREE		
COD2353	ADVANCED HAIR DESIGN	2	2
COD2314	ADVANCED BEAUTY THERAPY	3	3
COD2324	ADVANCED BEAUTY PRACTICALS	2	2
COD2334	SALON MANAGEMENT	2	2
COD234 4	INDUSTRIAL TRAINING	2	2
COC1323	FUNDAMENTALS OF BEAUTY PRACTICALS I11	2	2
COC133 3	BARBERING AND HAIR COLORING	3	3
COC213 4	INDUSTRIAL TRAINING	2	2
COC213 4	MAKE UP ARTISTY	2	2
COC123	BOOK KEEPING	2	2

CERTIFICATE IN HAIRDRESSING AND BEAUTY

CODE	YEAR 1 TRIMESTER ONE	Unit(s)	Hrs

"Do it with Your Hands"

CHD111	FUNDAMENTALS OF HAIR DRESSING	2	2
CHD112	HAIR PRACTICALS	3	3
CHD110	SALON MANAGEMENT	3	3
CHD 003	REAL LLIFE PROJECTS	2	2
CHD 900	SWAHILI	2	2
CHD 9001	COMMUNICATION SKILLS	2	2
CHD 9001	HOME MADE PROJECTS	2	2

YEAR 1: **TRIMESTER TWO**

CHD1213	FUNDAMENTALS OF HAIR THERAPY	4	4
CHD1223	HAIR PRACTICALS II	3	3
CHD006	REAL LLIFE PROJECTS	2	2
CHD1224	HAIR STYLING	2	2
CHD900	SWAHILI	2	2
CHD9001	COMMUNICATION SKILLS	2	2
9 CHD001	HOME MADE PROJECTS	2	2

YEAR 1: **TRIMESTER THREE**

CHD1313	FUNDAMENTALS OF BEAUTY THERAPY	4	4
CHD1324	BEAUTY PRACTICALS1	3	3
CHD1333	HAIR DESIGN	2	2
CHD901	REAL LLIFE PROJECTS	2	2
CHD903	HOME MADE PROJECTS	2	2
CHD 904	SWAHILI	2	2
COC213 4	INDUSTRIAL TRAINING	2	2

YEAR 2: **TRIMESTER ONE**

COC1113	FUNDAMENTALS OF HAIR DRESSING I	2	2
COC1124	HAIR PRACTICALS 1	2	2

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COC1125	NAIL TECHNOLOGY	4	4
COC1125	HAIRCUTTING	3	3
CHD902	ENTREPRENEURSHIP SKILLS	2	2
CEC 903	HOME MADE PROJECTS	2	2
CEC 904	SWAHILI	2	2
YEAR 2:	TRIMESTER TWO		
COC1214	FUNDAMENTALS OF HAIR DRESSING II	2	2
COC1225	HAIR PRACTICALS II	4	4
COC133 3	**HAIR DESIGN 111**	4	4
COC123	CHEMICAL HAIR RELAXING AND CURL REFORMING	3	3
CEC 902	ENTREPRENEURSHIP SKILLS	2	2
YEAR 2:	**TRIMESTER THREE**		
COC131 4	FUNDAMENTALS OF BEAUTY THERAPY I11	2	2
COC1323	**FUNDAMENTALS OF BEAUTY PRACTICALS I11**	2	2
COC133 3	BARBERING AND HAIR COLORING	3	3
COC213 4	**INDUSTRIAL TRAINING**	2	2
COC213 4	MAKE UP ARTISTY	2	2
COC123	BOOK KEEPING	2	2

Certificate in Plumbing & Fitting

CODE	YEAR 1 TRIMESTER ONE	Unit(s)	Hrs
CPL 020	FUNDAMENTALS OF PLUMBING I	2	2
CPL 021	TECHNICAL DRAWING I	3	3
CPL 022	CRAFT TECHNOLOGY I	3	3
CPL 023	REAL LLIFE PROJECTS	2	2
CPL 900	SWAHILI	2	2
CPL 9001	COMMUNICATION SKILLS	2	2

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CET 9001	HOME MADE PROJECTS	2	2

YEAR 1:   TRIMESTER TWO

CODE

CPL 024	PLUMBING INSTALLATION AND REPAIR II		
CPL 025	APPLIED CRAFT SCIENCE II	4	4
CPL 026	CRAFT TECHNOLOGY II	3	3
CPL 027	REAL LLIFE PROJECTS	2	2
CET 900	SWAHILI	2	2
CT 9001	COMMUNICATION SKILLS	2	2
CET 9001	HOME MADE PROJECTS	2	2

CODE

YEAR 1:   TRIMESTER THREE

CPL	PLUMBING INSTALLATION AND REPAIR II	4	4
CPL 028	APPLIED CRAFT SCIENCE II	3	3
CPL 029	CRAFT TECHNOLOGY II	2	2
CPL 030	REAL LLIFE PROJECTS	2	2
CET 903	HOME MADE PROJECTS	2	2
CET 904	SWAHILI	2	2

YEAR 2:   TRIMESTER ONE

CODE		2	2
CPL 031	ADVANCED PLUMBING TECHNOLOGY	2	2
CPL 032	APPLIED SCIENCE AND CALCULATIONS		
CPL 033	WORKSHOP PRACTICE AND TECHNOLOGY	4	4
CPL 034	SITE MANAGEMENT / FOREMANSHIP	3	3
CPL 902	ENTREPRENEURSHIP SKILLS	2	2
CPL 903	HOME MADE PROJECTS	2	2

CPL 904	SWAHILI	2	2

TRIMESTER TWO

CODE		2	2
CPL 034	ADVANCED PLUMBING TECHNOLOGY	2	2
CPL 035	APPLIED SCIENCE AND CALCULATIONS	4	4
CPL 036	WORKSHOP PRACTICE AND TECHNOLOGY	3	3
CPL 037	SITE MANAGEMENT / FOREMANSHIP	3	3
CPL 017	**APPLIED MATHEMATICS**	2	2
CEC 902	ENTREPRENEURSHIP SKILLS	2	2

YEAR 2: TRIMESTER THREE

CODE			
CPL 040	ADVANCED PLUMBING TECHNOLOGY	2	2
CPL 041	APPLIED SCIENCE AND CALCULATIONS	4	4
CPL 042	WORKSHOP PRACTICE AND TECHNOLOGY	3	3
CPL 043	SITE MANAGEMENT / FOREMANSHIP	2	2
CPL 015	**APPLIED MATHEMATICS**	2	2
CPL 044	WATER AND SEWERAGE/SYSTEMS AND APPLIANCES.	2	2

Certificate in Automotive Mechanics

CODE	YEAR 1 TRIMESTER ONE	Unit(s)	Hrs
CPL 020	WORKSOP TECHNOLOGY PRACTICE I	2	2
CPL 021	TECHNICAL DRAWING I	3	3
CPL 022	CRAFT TECHNOLOGY I	3	3
CPL 023	REAL LLIFE PROJECTS	2	2
CPL 900	SWAHILI	2	2
CPL 9001	COMMUNICATION SKILLS	2	2
CET 9001	HOME MADE PROJECTS	2	2

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YEAR 1: TRIMESTER TWO

CODE	TECHNICAL DRAWING II		
CPL 024	WORKSOP TECHNOLOGY PRACTICE II		
CPL 025	APPLIED CRAFT SCIENCE II	4	4
CPL 026	CRAFT TECHNOLOGY II	3	3
CPL 027	REAL LLIFE PROJECTS	2	2
CET 900	SWAHILI	2	2
CT 9001	COMMUNICATION SKILLS	2	2
CET 9001	HOME MADE PROJECTS	2	2
CODE			

YEAR 1: TRIMESTER THREE

CMVM 050	TECHNICAL DRAWING II		
CMVM	WORKSOP TECHNOLOGY PRACTICE III	4	4
	APPLIED CRAFT SCIENCE III	3	3
	CRAFT TECHNOLOGY III	2	2
	REAL LLIFE PROJECTS	2	2
	HOME MADE PROJECTS	2	2
	SWAHILI	2	2

YEAR 2: TRIMESTER ONE

CODE		2	2
CPL 031	ADVANCED PMECHANICS TECHNOLOGY	2	2
CPL 032	APPLIED SCIENCE AND CALCULATIONS		
CPL 033	WORKSHOP PRACTICE AND TECHNOLOGY	4	4
CPL 034	ELECTRONICS MECHANICS	3	3
CPL 902	ENTREPRENEURSHIP SKILLS	2	2
CPL 903	HOME MADE PROJECTS	2	2

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CPL 904	SWAHILI	2	2

CODE		2	2
CPL 034	ADVANCED MECHANICS TECHNOLOGY	2	2
CPL 035	APPLIED SCIENCE AND CALCULATIONS	4	4
CPL 036	WORKSHOP PRACTICE AND TECHNOLOGY	3	3
CPL 037	ELECTRONICS MECHANICS	3	3
CPL 017	**APPLIED MATHEMATICS**	2	2
CEC 902	ENTREPRENEURSHIP SKILLS	2	2

CODE			
CPL 040	ADVANCED MECHANICS TECHNOLOGY	2	2
CPL 041	APPLIED SCIENCE AND CALCULATIONS	4	4
CPL 042	WORKSHOP PRACTICE AND TECHNOLOGY	3	3
CPL 043	ELECTRONICS MECHANICS	2	2
CPL 015	**APPLIED MATHEMATICS**	2	2
CPL 044	WATER AND SEWERAGE/SYSTEMS AND APPLIANCES.	2	2

NATIONAL CERTIFICATE IN AUTOMOTIVE MECHANICS (NCAM)

Automotive technician certificate programs prepare trainees for automobile repair positions and provide the skills needed for advancement within the industry. The certificate programs in automotive require around two years of training. Trainees spend numerous hours in automotive workshop learning such aspects as brakes, exhaust systems, heating and air conditioning, engines, batteries and transmissions.

We offer specializations tailored to specific brands of automobiles. Priority is attached to the following during training.

1. Automotive break systems

2. Electronic fuel management systems

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3. Automatic transmission

4. Automotive HVAC

5. Automotive engines

NATIONAL CERTIFICATE IN AUTOMOTIVE MECHANICS (NCAM)

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3. Automatic transmission

4. Automotive HVAC

5. Automotive engines

Applied Mathematics

6. Applied Physics

7. Applied Chemistry

c) Basic Courses in Engineering/Technology

8. Engineering Drawing

9. General Workshop Practice

10. Basics of Information Technology

DIPLOMA IN JOURNALISM & MASS COMMUNICATION

Course Code: DJM

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Level: Diploma

Duration: 2 Years

OVERVIEW

This course recognises the growing importance of Journalism, Public Relations and Media Management in society. The course seeks to give students the opportunity to develop skills essential for working in the world of Media and Communications. The course provides students with the opportunity to understand the role of media and communications in Uganda and other parts of the world. As well as examining contemporary media structures and developments, the course provides historical context for these developments.

The course is also expected to impart in students effective management of the media, marketing and corporate communications, which are crucial to achieving mutual understanding between organisations and their stakeholders. This course, underpinned by communications and customer behaviour theory, provides a strategic approach to managing communications that builds upon an understanding of the promotional mix.

The two years of the certificate course consists of the following core module from which form a foundation from which students can choose from a range of specializations.

MODULES

YEAR 1 SEMESTER I

- DJM111 Theories of Communication
- DCS111 Introduction to Computing & IT
- DBA111 Introduction to Business Administration
- DAF112 Financial Accounting I
- DJM115 Communication skills

YEAR 1 SEMESTER II

- DJM121 Introduction to Broadcasting
- DJM122 International Public Relations
- DJM123 Principles of Advertising

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- DJM124 Communication Writing Skills
- DBA124 Business Economics

YEAR 2 SEMESTER I

- DJM211 Media, Identity and Representation
- DJM212 New Media and The Digital Age
- DHR212 Organisational Behaviour
- DBA214 Research Methodology
- DBA213 Business law

YEAR 2 SEMESTER II

- DBA221 Ethical, Legal, and Social Issues in Business
- DEI221 Entrepreneurship Skills
- DJM221 Media and Communications Management
- DJM222 Development Communication
- DJM225 Final Year Project/Thesis

Industrial training

- DJM226 Industrial Attachment (8 weeks)

CAREER PATH

Students who undertake this program will have relatively wider employment opportunities and can comfortably work as;

- Journalists
- Media officers
- Communication Officer

CERTIFICATE IN JOURNALISM & MASS COMMUNICATION
Course Code: CJM

Level: Certificate

Duration: 2 Years

OVERVIEW

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MODULES

YEAR I SEMESTER I

- CJM111 Theories of Communication
- CCS111 Introduction to Computing & IT
- CBA111 Introduction to Business Administration
- CAF112 Financial Accounting I
- CJM115 Communication skills

YEAR 1 SEMESTER II

- CJM121 Introduction to Broadcasting
- CJM122 International Public Relations
- CJM123 Principles of Advertising
- CJM124 Communication Writing Skills
- CBA124 Business Economics

YEAR 2 SEMESTER I

- CJM211 Media, Identity and Representation
- CJM212 New Media and The Digital Age
- CHR212 Organisational Behaviour
- CBA214 Research Methodology

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- CBA213 Business law

YEAR 2 SEMESTER II

- CBA221 Ethical, Legal, and Social Issues in Business
- CEI221 Entrepreneurship Skills
- CJM221 Media and Communications Management
- CJM222 Development Communication
- CJM225 Final Year Project/Thesis

Industrial training

- CJM226 Industrial Attachment (8 weeks)

CAREER PATH

Students who undertake this program will have relatively wider employment opportunities and can comfortably work as;

- Journalists
- Media officers
- Communication Officers

VIDEO PRODUCTION

With the profusion of new technologies, including the internet, mobile phones, DVD and other devices, the call for video production is louder than ever. Combine this with the more traditional mediums and it is easy to imagine an exciting and creative career in the Digital Video Production Industry. Employment occurs predominantly in advertising, entertainment, corporate and educational sectors.

Careers in Digital Video Production

Career opportunities in this field range from writers to special effects production and include roles such as:

- Assistant Director
- Camera Operator
- Editor
- Special Effects producer

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- Sound Designer
- Audio Editor
- DVD Producer
- Project Manager
- Compositor
- Web Video Producer
- Independent Digital Film Maker
- **DIPLOMA IN HUMAN RESOURCE MANAGEMENT**

Course Code: DHR

Level: Diploma

Duration: 2 Years

Human Resource Management is a strategic and coherent approach to the management of an organization's most valued assets, the people working in organizations, individually and collectively to contribute to the achievement of organizational goals. Application of competencies in Human Resource Management is essential for survival of any organizations.

The Diploma in Human Resources Management enables learners to acquire competencies in attracting and selecting the best employees at the right time in the right place, motivating, and monitoring their performance for effective competitiveness to the organization.

YEAR I SEMESTER I

- DHR111 Introduction to Human Resource Management
- DAF112 Financial Accounting I
- DCS111 Introduction to Computing & IT
- DBA111 Introduction to Business Administration
- DJM115 Communication Skills

YEAR I SEMESTER II

- DHR121 Human Resource Planning
- DHR122 Wages and Salaries Administration
- DBA125 Principles of management
- DHR124 Industrial Psychology & Emotional Intelligence
- DHR125 Employee Performance Management

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YEAR II SEMESTER I

- DHR211 Human Resource Training & Development
- DHR212 Organisational Behaviour
- DHR213 Counselling and Career Planning
- DBA214 Research Methodology
- DHR215 Industrial and Labour Relations

YEAR II SEMESTER II

- DEI221 Entrepreneurship Skills
- DHR222 Human Resource Information Management Systems
- DHR223 Labour Laws & Occupational Health
- DAF223 Cost Accounting
- DHR225 Final Year Project/Thesis

Industrial training

- DHR226 Industrial Attachment (8 weeks)

AREER PATH

Students who undertake this program will have relatively wider employment opportunities and can comfortably work as;

- Human Resource Officers
- Counsellors

DIPLOMA IN TRAVEL, TOURISM & HOSPITALITY MANAGEMENT

Course Description:

This course is intended for individuals who are passionate and sold-out to the industry of Travel, Tourism & Hospitality and are interested in obtaining extensive knowledge and practical skills related to the industry. The program targets individuals who will work as professional Tour Operators, Travel Consultants, Supervisors, Licensed Tour Guides, Hotel Managers, etc. This program of studies will primarily focus on the skills and competencies required by travel agents and tour operators and will also cover macro aspects of this dynamic industry

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including the Hotel Management. There is a high demand for professional human resources in the tourism and hospitality industry in Africa. Studying this course opens many doors to work in any country in the region.

Key Learning Outcomes

At the end of the course the student will be able to:

Start and manage a Tour & Travel Company

Organize and manage trade fairs, exhibitions and other events in both the Tourism & Hospitality Industries

Understand the role of the tour guide and manage the complex concepts of a well-organized tour

Be creative in the design and management of historical tours

Evaluate and anticipate customer expectations during the implementation process of tour guiding

Understand and explain the detailed historical content of various itineraries and sites

Manage individuals, small, medium, and big tour groups and ensure safety and customer satisfaction at all times

Manage both ordinary, VIPs and VVIPs clients

Display skills to manage Hotels, Resorts, Lodges, Conferences, and Events

Comprehend complex theories related to the study of travel and tourism

Transfer theoretical knowledge to design creative and innovative tourism-related products and services

Implement creative entrepreneurial skills within a tourism-oriented organization

Propose and generate business/departmental ideas based on specific economic and market situations, trends, and contemporary tourism practices.

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Job Opportunities

Tour Companies

Tour & Travel Agencies

Tour Guide in all the National Parks in Uganda & East Africa

Freelance Tour Guide

Guiding in Museums and Historical Sites

Tourist Information Centers

Hotels

Tourism Authorities/Organizations

Airlines

Airport

Exhibitions

Destination Management Companies

Conservation Organizations

Duration of Course: 2 Years (4 Semesters)

Duration of Semester: 13 weeks

Holiday Period: 4 weeks

Internship Period: 3 months

DIPLOMA IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

From Internet banking and online shopping, to communications and location-based services, businesses today are now investing in IT as a strategic enabler, relying on the Internet as a business platform.Be part of the innovative digital

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industry and solve complex problems with a Diploma in Computer Science and Information Technology.

The Diploma in Computer Science and Information Technology provides students with a strong foundation in developing robust application systems for businesses, computer assembly repair and maintenance; and website design. Students are equipped with essential knowledge about Information Systems processes and provided with the technical skills required to harness the power of information and Internet technologies.

PROGRAMME STRUCTURE CAREER OBJECTIVE STUDY MODES

COURSE CODE	COURSE NAME
YEAR I	**SEMESTER I**
DCS111	Fundamentals of Mathematics
DIT110	Introduction to Information and Communication Technologies
DCS112	Introduction to Operating Systems
DIT111	Gender and ICT
DJC110	Communication Skills and Learning Skills for Employability
YEAR I	**SEMESTER II**
DCS121	Computer Architecture and Organisation
DCS122	Programming principles
DIT123	Computer applications
DIT121	Introduction to Databases Systems
DIT122	Internet Technology and Web Design
YEAR II	**SEMESTER I**
DCS211	Computer Assembly, Repair and Maintenance
DIT211	Database Development and Administration
DIT212	Systems Analysis and Design
DIT213	Dynamic Website Development
FST210	Industrial Training (Recess Period)

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ELECTIVES(COMPUTER SCIENCE OPTION-CHOOSE ONE)	
DCS212	Computational Mathematics
DCS213	Object Oriented Programming
ELECTIVES(INFORMATION TECHNOLOGY OPTION-CHOOSE ONE)	
DIT214	Information Systems Management
DIT215	E-Commerce
YEAR II	**SEMESTER II**
DIT221	Professional Issues in Computing
DIT223	PC Network and Data Communication
FST222	Project
ELECTIVES(COMPUTER SCIENCE OPTION-CHOOSE ONE)	
DCS221	Graphical User Interface
DCS223	Application Development
ELECTIVES(INFORMATION TECHNOLOGY OPTION-CHOOSE ONE)	
DIT225	Information Storage and retrieval
DIT224	Introduction to Multimedia Systems

CERTIFICATE IN COMPUTER SCIENCE

Course Code: CCSC

Level: Certificate

Duration: 2 Years

OVERVIEW

About the Programme

In this digital age of globalization and modernization, Computing and Information Technology is at the forefront of technological advancement to in every sector and field to support economic and social development of nations, thus the necessity for today's workforce to be computer literate cannot be over-

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emphasized. Today, Computing and information technology directly dictates the way man thinks, plans, communicates, works, and spends leisure time. Given the recent acceleration in industrial development and other institutions in Uganda, there is a corresponding need for computer literate personnel to man them. It is therefore necessary that our educational system produces computer literate graduates.

The course is intended to address the human resource gap in computing by producing graduates who can confront computing challenges faced by society,

The Certificate in Computer Science (CCSC) is intended for;

(i) Students who acquire a strong foundation and define a career in the Computing and Information Technology sector,

(ii) Working professionals in other sectors of the economy who desire to acquire skills in computing, and

(iii) Students who may not wish to continue to a degree programme.

The goal is to produce graduates with knowledge and skills in the different areas of computing so that they able to solve and address societal computing/ICT related problems.

The course includes special and focal areas that impart both theoretical knowledge and practical skills to the student. These areas include: Subject-specific Knowledge and Understanding, Cognitive skills, Intellectual Skills, Application of Knowledge and Understanding; Communication skills, ICT skills, Numeric skills, Analytical Technique, Practical Skills and the General Transferable Skills.

PROGRAMME STRUCTURE

Year One Semester One

- CCS111 Introduction to Computing & IT
- CCS112 Computational Mathematics I
- CSAI111 Introduction to Data Science & Artificial Intelligence
- CCS114 Computer Architecture
- CJM115 Communication Skills

Year One Semester Two

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- CCS121 Operating Systems
- CCS122 Computational Mathematics II
- CSAI123 Database Management Systems
- CCS124 Introduction to Programming and Programming Methodology
- CSE125 Systems Analysis and Design

Year Two Semester One

- CSE211 Programming II
- CCHN213 Computer Networking Design and Implementation
- CCS213 Information Systems
- CSAI214 Cloud Computing and Internet of Things (IoT)
- CBA214 Research Methodology
- CSAI215 Robotics and Intelligent Systems

Year Two Semester Two

- CSAI223 Big Data & Machine Learning
- CCHN225 Computer & Network Security
- CCS223 Embedded Systems
- CCS221 Ethical, Legal, and Social Issues in Technology
- CCS225 Final Year Project/Thesis

Industrial Training

- CCS226 Industrial Attachment (8 weeks)

CAREER PROSPECTS

The career opportunities available to students with a Certificate in Computer Science vary greatly. Some of the more popular options include software developer, computer hardware technician, database administrator, systems analyst, and computer network architect.

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