ECWA INTERNATIONAL COLLEGE OF TECHNOLOGY JOS

STUDENTS HANDBOOK

TABLE OF CONTENETS

INTRODUCTION

This handbook is put together to serve as a guide for students in their day-to-day activities in the College. It is also expected to intimate the students with the rules and regulations guiding them during their academic pursuit in the College.

The handbook gives background information about the College and academic programs in the Institution. All courses to be registered for by students for each programme are also included in the handbook.

It is therefore expedient for all students of the College to have and read the handbook in order to familiarize themselves with the rules and regulations of the College among other information.

Christie Dasaro

Rector

ECWA INTERNATIONALCOLLEGE OF TECHNOLOGY

Brief History

In 1989, SIM missionaries Anthony and Nancy Petrillo wrote a proposal to do research in mathematics education in Jos, Nigeria. SIM Nigeria's administration thought, "This is not missionary work," but they passed it onto the national church leaders to consider. Prof. Yusufu Turaki who was the ECWA General Secretary, responded, "That's just the type of missionary work we need." Prof. Turaki had the foresight to see that research would be needed in the near future, for someday the governments would turn to the churches for help in rebuilding the educational system.

Dr. Turaki asked the Petrillos to start the best computer school in the country. They agreed to give the remaining time of their missionary term to do so. Instead of the $30,000, Dr. Petrillo requested for a laboratory and materials, he received $300 and six 12-year-old computers from Houghton College, USA. It was decided that sixteen individuals would be trained. When this was announced in a few churches on Sunday, the result was hundreds waiting to apply on Monday. In 1993 the training was started and the sixteen students (three of whom were ECWA administrators) eagerly dug in, glad to have the chance to learn. Anthony would take the students through material he was writing, and they'd practice for proficiency. Yet there still was time when the computers sat idle. It was decided that these sixteen students would teach others using the same materials. The response was fantastic. Anthony would write the material and test it with the staff. They would then take it to the classes. Out of this, EICSI (ECWA Information and Computer Science Institute) evolved. As the staff reaches out with the love of Jesus Christ, EICSI has seen hundreds of students give their lives to Christ.

PROGRESS

"The Lord has done great things for us, and we are filled with joy." (Psalm 126:3)

The faithfulness of the Lord brought the institute to 20 years of existence last year September, 2013.

In the past two decades, ECWA Information and Computer Science Institute has contributed to the development of the much needed middle level manpower by providing computer training to thousands of citizens of Nigeria as well as those of other nations. The Institute has trained and mentored students from other countries like Niger Republic, Burkina Faso,

Senegal, Haiti, etc/ to fulfill one of the initial goals to train men and women who would eventually move to different parts of Nigeria and Africa, setting up computer school. Currently we have students from Republic of Chad mostly Muslims.

CHANGE OF NAME

The name of the Institute has been changed from ECWA Information and Computer Science Institute to "ECWA INTERNATIONAL COLLEGE OF TECHNOLOGY". The new name opens opportunities to other programmes and places beyond our nation. It is in line with ECWA vision to win all.

Identity: EICT is a Christian college offering training and related services in diverse fields of study.

Core values:

- **Team work:** Working towards a common goal

- **Biblical principles:** The Bible is the foundation of all learning activities while prayer is the source of strength.

- **Professionalism:** Operating according to the standards and ethics of the profession.

- **Commitment:** Working beyond expectation as unto the Lord and willingness to forgo certain benefits that are due to them.

- **Integrity:** Not taking undue advantage of the office for personal gains.

Vision: Is to be a godly leading global college that meets the educational and spiritual needs of the church and society.

Mission: Providing Excellent training and services for improved education for the church and society.
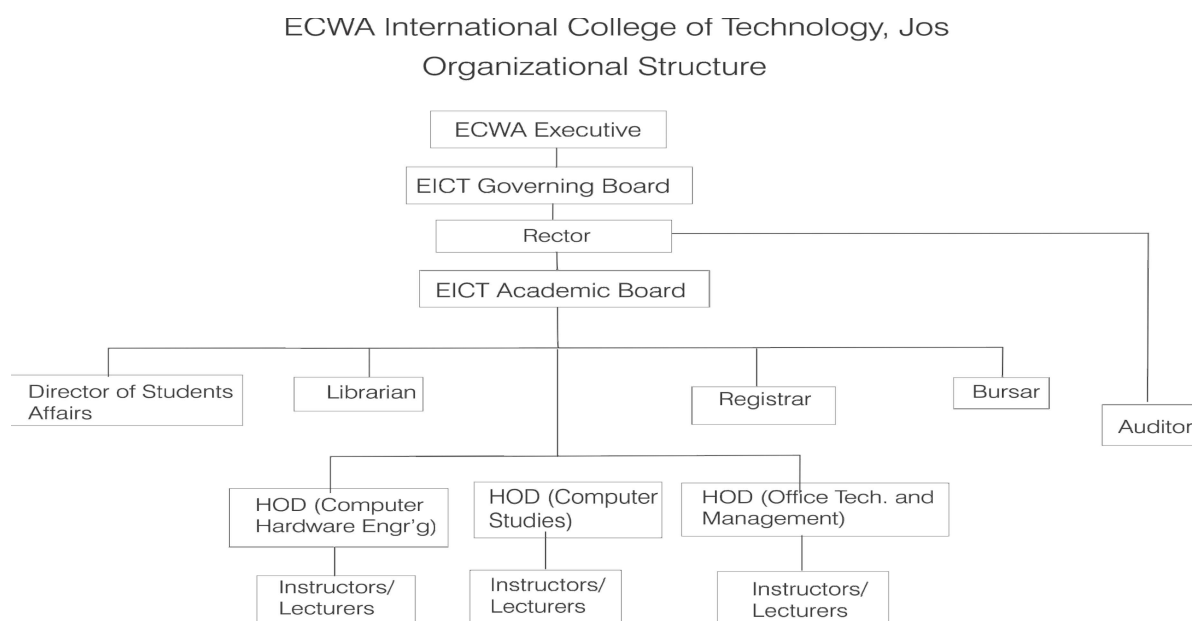
Objectives:

1. To carry on the business of the Training and Award of Higher Educational Diplomas and Degrees in diverse fields of Study in a Christian environment either alone or jointly with other institutions.

2. To carry on the business of Information Technology including but not limited to Software Development and Deployment, the sales, installation, maintenance and systems support of VSAT, Computers, Computer accessories, Radio Internet Wireless services, Web Page Design and hosting and other allied equipment.

3. To carry on the business of Information Technology Consultancy and Research in all ramifications either alone or jointly with other companies or persons.

4. To carry on the business of Office Technology and Data Management including Database Design, Data Analyses, Research Design, Monitoring Evaluation for organizational processes and Administration of research instruments, either alone or jointly with other companies or persons.

5. To carry on the business of exports, imports, distributors of computers, computer accessories, and allied equipment in Nigeria and elsewhere in the world.

ORGANIZATION STRUCTURE:

The Rector is the Administrative head of the Institution and is responsible to the Governing Board of the Institution. The College has a Registrar who coordinates all academic activities.

The Principal Officers of the College other than the Provost and Registrar include the Heads of Department, Library Officer, Student Affairs, and the Bursar.

ECWA International College of Technology, Jos
Organizational Structure

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                        ECWA Executive
                            |
                    EICT Governing Board
                            |
                          Rector ─────────────────────────────┐
                            |                                  |
                    EICT Academic Board                        |
        ┌───────────┬───────────┴──────────────┬──────────┐   |
Director of      Librarian                  Registrar    Bursar |
Students                                                     Auditor
Affairs
        ┌───────────┬───────────────┐
   HOD (Computer  HOD (Computer   HOD (Office Tech. and
   Hardware Engr'g)  Studies)      Management)
        |             |                  |
   Instructors/   Instructors/      Instructors/
   Lecturers      Lecturers         Lecturers
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ACCREDITATION STATUS

In 1996, the institute was registered with the Plateau State Agency for Adult and Non-Formal Education. We maintain that registration to date.

In the year 1999, the institute got affiliated to the University of Lagos Computer centre, to further give credence to our programmes. Following the visit of an inspection team from CPN in the year 2002, the institute was offered full accreditation by the Computer Professionals (Registration Council of Nigeria) to run professional Diploma Programmes. In the same year (2002) the institute became a corporate member of the Nigeria Computer Society (then Computer Association of Nigeria, COAN). The National Board for Technical Education (NBTE) visited the college in January 2014. The following NBTE programmes: National Innovation Diploma (NID) and National Vocational Certificate (NVC) will commence by September 2014. The college began as a vocational institution. We are transforming into a centre of academic excellence by becoming an Innovation and Vocational Enterprise Institution (IEI and VEI). These are institutions approved by the Federal Government to provide an alternative route to higher education, as part of the on-going reform of the Technical and Vocational Education sector.

PROGRAMMES

EICT runs the following programmes:

1. **Proficiency Certificate**. The programme is designed for those Interested in Computer literacy Certificate. Minimum requirement is GCE or SSCE attempt.
2. **Professional Diploma Applications**: To obtain this Diploma, students are required to take six application courses and eight theory courses. The entry requirement is four credits in SSCE/NECO.
3. **Post Graduate Diploma**: Degree holders or HND holders are awarded Post Graduate Diploma in Computer Applications or any programme picked.
4. **Diploma in Micro Computer Maintenance:** This program is designed to give students skills on computer repairs. The duration is nine months. The entry requirement is four credits SSCE/NECO in any subject.
5. **Professional Diploma in Information Technology:** This program is designed for those interested in having a training in information technology. Candidates must have 4 O'level credits.

6. **Diploma in Office Expert:** This program is designed for workers who want to improve their ICT skills to enhance productivity.

7. **Diploma in Web Development:** The program is designed for those interested in developing skills in Designing websites.

8. **Diploma in Programming:** This programme is designed for those interested in programming.

9. **Diploma in Networking:** This programme is designed for those interested in Networking skills.

10. **Diploma in Graphics/Multimedia:** This programme is designed for those interested learning graphics design.

ACCREDITED PROGRAMMES WITH NATIONAL BOARD FOR TECHNICAL EDUCATION

1. NID in Computer Hardware Engineering Technology
2. NVC in Office Management and Technology
3. NVC in Computer Studies

COMPUTER TRAINING OUTREACH (CTO)

This Programme has computer essential, spreadsheet essential and bible integrated. It is linux based with 375 hours workload. We can offer this training in churches and schools through mobile labs.

SPECIAL PROGRAMMES

These packages are open to those who are computer literate and would like to have additional knowledge in a specific area. Candidates must show proof of computer literacy. These cost differently.

1. Internet
2. Networking
3. PowerPoint/Easy Worship
4. Web Design
5. Oracle
6. AutoCAD
7. CISCO
8. Photoshop/Video Editing
9. SPSS
10. Peachtree Accounting
11. LabVIEW

For more information about our programmes and products contact: +234 803 573 2393 or registrar@ecwatech.edu.ng

DISCIPLESHIP

The book of Roman 14:16 says **"Do not allow what you consider good to be spoken of as evil."**

Our computer education is Christ centred. Our goal is to transform lives in order that the use of IT would be godly and God centred. Many have come to put their faith in Jesus as their Lord and Saviour. Testimonies abound of students whose lives have been transformed through our "Life Principles" course where Bible truths are taught. Some of them are part of our vibrant discipleship programme. Many have been delivered from drug addiction and other vices, while many more have rededicated their lives to Christ. Testimonies from our Muslim students, "This school has helped me to see Christianity differently, not how they have taught us. I have learnt that Christians are kind, loving and welcoming. I appreciate them a lot more."

ADMISSION REQUIREMENTS

NATIONAL DIPLOMA PROGRAMMES

To be eligible for admission into the National Diploma Programme of the College, candidates must meet the scores for admission into tertiary institutions in the Unified Tertiary Institutions Matriculation Examination (UTME) organized by the Joint Admission and Matriculation Board (JAMB). In addition, an applicant must possess credit passes in five relevant subjects including Mathematics and English language in not more than two sittings from WAEC or NECO Examinations.

STUDENTS INDUSTRIAL WORK EXPERIENCE SCHEME (SIWES).

The Students Industrial Work Experience Scheme (SIWES) is a skill training programme designed to expose and prepare students offering technical courses in Institution of Higher Learning for the Industrial work situation they are likely to meet after graduation.

The objectives of the scheme are to:

      i.   Provide an avenue for students in our Higher Institutions to acquire industrial skills and experience in their course of study especially in Engineering and allied fields.

ii.   Expose students to work methods and techniques in handling equipment and machinery that may not be available in their educational institutions.

iii.   Make transition from school to the world of work easier and enhance students for later job placement.

iv.   Provide students with an opportunity to apply their knowledge in a real work situation, thereby bridging the gap between College work and actual practice.

The scheme is funded by the Federal Government of Nigeria through Industrial Training Fund (ITF) Area offices nationwide. SIWES is a four unit (4 credits) course which must be undergone and passed by every National Diploma (ND) 1 student in programmes accredited by National Board for Technical Education (NBTE)

The programme begins at the end of the second semester of the first Academic session and lasts for four (4) months. Students are allowed to choose any relevant establishments where they would like to be trained. Assessment of students is done by both industrial based supervisor and the College based supervisor.

Professional staff of ITF and Institutions Supervisors are expected to visit students at least two times during attachment.

EXPECTED ATTITUDE OF STUDENTS ON SIWES

i.   To attend the Institution's SIWES orientation programme before going on attachment.

ii.   To be obedient to constituted authorities and adhere strictly to all rules and regulations of the organization where a student is attached.

iii.   To be regular and punctual at respective places of attachment.

iv.   To avoid change of place of attachment, except in special circumstances which must be determined and approved by their Institution's Supervisor, the Employer and the ITF.

v.   To complete SPE – 1 Form and get it endorsed by the Employer for onward submission to ITF.

vi.   To record all training activities and other assignments in the logbook and complete ITF Form – 8 to ensure proper assessment.

vii.   To be diligent, honest, conscientious, take pride in the protection of Employers property throughout the attachment period.

MISCONDUCT WHILE ON SIWES

Any student found with an act of wrongdoing or improper behavior during industrial training would be a subject to the College disciplinary committee.

DURATION OF ACADEMICS PROGRAMMES

National Diploma (ND)

The National Diploma Programme of the College shall run for two Academic sessions. Students who fail to complete their studies during the period will be

allowed only one extra academic session to complete their studies. Students who cannot meet up with this provision would be advised to withdraw.

REGISTRATION

Students should note the following;

(i)   All students must register with the College at the beginning of each session.

(ii)   All fresh students should first present themselves to the office of the College Registrar with the original copies of their credentials for initial screening. They will be issued clearance letters and other necessary documents which shall be taken to the Accounts Department for payment of relevant fees. Students must ensure that registration documents are filled and signed by authorized officers of the finance and Accounts Departments.

(iii)   At the beginning of every Academic year, returning students shall collect registration forms from the Registry after showing evidence of payment from the Accounts Department.

(iv)   Students will then proceed to their Departments to register for the courses. There they shall be given a list of courses for which to register.

(v)   The form should be filled and signed by respective course Lecturers, HODs, Bursar and Registrar. Students should ensure that they register for courses they failed in the previous academic session (carry-over).

(vi)   The registration exercise for each semester must be completed within four (4) weeks.

(vii)   A copy of completed registration forms should be submitted at the Registrar's office.

(viii) Students should note that the registration exercise at the beginning of every session is very important. This is so because only those who completed the registration exercise shall qualify to be students of the College. Besides, students will only be allowed to write examinations courses they registered for at the beginning of the session.

EXAMINATION RULES AND REGULATIONS

The rules and regulations governing the conduct of examination and examination malpractices are stipulated below:-

a.   **ELIGIBILITY FOR EXAMINATION**

Candidates eligible to sit for examination must have attended at least 75% of all lectures and practical classes for the courses and should have been duly registered for the courses at the beginning of the semester.

b.   ADMITTANCE INTO EXAMINATION HALL

a. Students for examination should go to the examination hall with necessary identification materials including College I.D cards, Departmental clearance, and receipts of school fees.

b. Students are not expected to enter the exam hall with materials such as textbooks, notes, drawing tracing papers, plain sheets, written documents, unauthorized electronics data storage devices such as handsets etc.

c. No candidate would be allowed to leave the hall until 30 minutes after the commencement of a paper.

d. No candidate would be admitted into the examination hall after 30 minute of the commencement of the paper.

e. Any candidate who wishes to visit the rest room must be accompanied by an invigilator of the same sex.

EXAMINATION MALPRACTICE

1. Students are not allowed to enter the examination hall with unauthorized materials which include textbooks, notes, drawings, tracing papers, plain sheets of paper, graph papers, documents, books containing tabulated data and formulae, and electronic data storage devices/appliances.

2. It is an offence if a student is found/caught with information written on the skin, cloth/apparels handkerchief and question paper in the examination hall.

3. It is an offence if a student is found with written information concealed in any other material or device/appliance not mentioned in 1 and 2 above in the examination hall.

4. Students are not allowed to wear veils, hats, caps, head gears and sunglasses in the examination hall.
   Cases of malpractices involving students during examinations shall be treated as follows:-
   a. Any student involved in examination malpractice shall immediately be stopped from continuing with the examination by the invigilator.
   b. The invigilator shall write a report with attached evidence(s) concerning the malpractice. The report shall be counter signed by the chief invigilator and the student in the examination hall in the approved form issued by the examinations office.
   c. The report shall be forwarded to the student Examination Malpractice Disciplinary Committee for consideration. The affected student(s) would be given the opportunity to defend him/herself before the committee.
   d. The committee would thereafter determine the appropriate disciplinary action for student(s) found guilty.

PUNISHMENT FOR EXAMINATION MALPRACTICE:-

The following disciplinary measures shall be applicable to any student involved in examination malpractice or caught cheating in an examination, and is found guilty by the Student Examination Malpractice Disciplinary Committee:

1. If it is established that a student was involved in examination malpractice in one course in a semester, the student shall repeat the semester.
2. If it is established that a student was involved in examination malpractice in two or more courses in a semester examination, he/she shall be rusticated for one academic session. The punishment shall commence from the semester in which the malpractice was committed.
3. A student found guilty of examination malpractice for the second time in another semester examination after an initial punishment shall be expelled from the College.

GRADING SYSTEM

All examination and periodic tests of the College are graded using the grading system shown in table 1 below:-

Score	Letter grade	Honour points
80-100	A	5
60-79	B	4
50-59	C	3
40-49	D	2
00-39	F	0

Table: Grading System

METHODS OF ASSESSMENT

Final assessment of students' work at the end of a semester/module shall be based on continuous assessment and semester/module examinations. The continuous assessment shall constitute 60% while the semester/module examination shall constitute 40%.

The 60% continuous assessment consists of the following:-

Class tests/Project   -   10%

Assignments/project   -   10%

Practical/Project   -   40%

SUPERVISION OF FINAL YEAR PROJECT

Final year students would be assigned to supervisors for their projects who are expected to guide the students(s) in designing experiments, collecting and analyzing data from the field and the Laboratory.

COMPUTATION OF GPA AND CGPA

GRADE POINT (GP)

A grade point is obtained by multiplying the credit units assigned to a particular course by the honour points obtained by each student in the course as indicated in table 2. Thus if a course is 3 Units and a student obtained 60% (which is 4 points) in the examination, his/her grade point for the course is 3x3=9

COURSE	CREDIT	SCORES	GRADE	HONOUR POINT	GRADE POINT
Use of English	2	50	C	3	6
Statistics	2	65	B	4	8
Mathematics	2	70	B	4	8
Intro to computer	3	59	C	3	9
Intro to IT	2	40	D	2	4
Computer Graphics	3	35	F	0	0
TOTAL	**14**				**35**

Table 2: Computation of Grade Point (GP)

GRADE POINT AVERAGE (GPA)

A student's Grade Point Average for one Academic Session is obtained by dividing his total grade points by the total number of credit units registered for the session. For example, if a student offered five courses in an academic year, his GPA would be computed as follows:-

Total Grade Points   =6+8+8+9+4+0=35

Total Credit Load   =2+2+2+3+2+3=14

Grade Points Average =35/14=2.5

CUMULATIVE GRADE POINT AVERAGE (CGPA)

CGPA is the cumulative grade point average for a session or a number of sessions of study in an academic programme. For example:

FIRST YEAR

Total Credit Load   =14

Grade Point Total   =35

Grade Point Average   =35/14=2.5

SECOND YEAR

Total Credit Load   =15

Grade Point Total   =30

Grade Point Average   =30/15=2.00

Cumulative Credit Load to date   =14+15=29

Cumulative Grade Point to date   =35+30=60

Cumulative Grade Point Average (CGPA)   =65/29=2.2

                                        : CGPA=2.2

REPEAT COURSES

If a student fails to score 40% in any course at the end of a semester examination, the student is adjudged to have failed the course. Such a course would be carried over to the following session and must be passed before the certificate could be awarded.

REPEATING A CLASS

Students with cumulative Grade Point Average (CGPA) less than 1.0 at the end of any academic year shall repeat the class. Such students would have to register all the courses for the class he/she is repeating. Also, students having more than four carry over courses in an academic session would be made to repeat the session.

COMPUTING THE GPA OF A STUDENT AFTER CARRY OVER EXAMINATION:

When calculating the GPA of a student after repeating a course, the previously failed course would be included. Thus if a student obtained 35% i.e E in Rural Sociology in the first attempt and 50% (C) in the second attempt, i.e 2 points, the GPA is calculated as shown in table 4:-

COURSE	CREDIT	SCORE	GRADE	HONOUR POINT	GRADE POINT
Use of English	2	50	C	2	4

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Statistics	3	65	B	3	9
Computer Graphics	3	70	A	4	12
Word Processing	3	59	C	2	6
Physics 1	3	40	D	1	3
Physics 2	2	35	E	0	0
Ergonomics	2	50	C	2	4
TOTAL	**18**				**38**

Table 4: **computing the GPA of a student after carry over examination**

GPA   =38/18   =2.11

WITHDRAWAL FROM THE COLLEGE

A student would be advised to withdraw from the College if after repeating a class, his/her (CGPA) is less than 1.0 in the academic year.

Students who are unable to complete their studies after spending the maximum three years allowed for ND programmes shall be advised also to withdraw.

CLASSIFICATION OF CERTIFICATES:-

The classification of National Diploma (ND) certificate of the College is as shown in table 3 below:-

CGPA	CLASS OF DIPLOMA
4.5-and above	Distinction
3.5-4.49	Upper Credit
2.5-3.49	Lower Credit
2.0-2.49	Pass
0.0-1.99	Fail

Table 3: Classification of certificates

ELIGIBILITY FOR AWARD OF CERTIFICATE

 To be eligible for the award of any of the certificates of the College, a student is required to have registered and passed prescribed courses for his/her course of study.

GENERAL MISCONDUCT

Any proven case of misconduct by a student attracts expulsion. Such misconduct include stealing within or outside the College, perjury, impersonation, falsification of records, vandalization of College property, rudeness to staff, fighting and membership of secret societies.

FOR EMPHASIS:

EICT does not allow student unionism. EICT DOES NOT allow indecent dressing. A student who dresses in a way that exposes vital parts of the body or shows body outline would be sent out of the class. Wearing of tight dresses of any kind is NOT allowed. Sleeveless dresses are also not allowed. Female students are NOT allowed to wear trousers to our campus.

COLLEGE LIBRARY

The College library is stocked with up to date books, journals and internet facilities. It opens between the hours of 8:00am and 4:00pm on working days. Every student is required to register with the library before accessing the facilities.

Unauthorized removal of books from the library is prohibited, for such cases will be treated as stealing. Any other information about the library will be provided by the library officer during registration.

MATRICULATION

1   All newly admitted students shall register within the first four (4) weeks of first semester or forfeit the offer of admission for that session.
2   All fresh students must undergo an orientation programme.
3   Only fully registered students shall matriculate.
4   Every new student must matriculate. The matriculation confers membership of the College community on the student.
5   Every new student will be issued with identity cards and matric. Number after matriculation.
6   A student may apply for deferment of his/her admission after due registration and matriculation.
7   On matriculation day, newly admitted students to the College shall take the matriculation Oath which shall be administered by a Barrister.

LEGAL INSTRUMENT

The matriculation Oath of the College duly signed by each student and endorsed by a Barrister shall serve as the Legal Instrument for enforcing disciplinary measures in the handbook.

STUDENTS' UNDERTAKING

"I solemnly and publicly declare.

That I will diligently pursue my course of studies in the ECWA International College of Technology, Jos and abide by the rules and regulations of the College."

I sincerely promise to uphold the objectives for which the College stands, and hold myself bound to maintain the highest standard of work and conduct to the best of my ability.

So help me God.

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       Name & Signature   Date

LIST OF COURSES FOR THE DIFFERENT PROGRAMMES

The courses that must be registered for by students in each of the programmes are shown   below:

EICT Programmes

1.   **Proficiency Certificate**. The program is designed for those Interested in Computer literacy Certificate. Minimum requirement is GCE or SSCE attempt.

      Courses To Be Taken Are:-

1.   Fundamental of Personal Computer
2.   Entrepreneurship Development
3.   Introduction to Computer
4.   Word Processing
5.   Database Management

6.   Spreadsheet
7.   Internet
8.   Life Principles

2.   **Professional Diploma in Computer Applications**:

The program is designed for those that are interested in having training in the application of computers to solving problems. Candidates must have 4 'O' Level Credits to qualify.

Courses To Be Taken are:-

a.   **Computer Courses**

1.   Introduction to Computer
2.   Advanced Word Processing
3.   Spreadsheet
4.   Database Management
5.   Computer Management
6.   Internet
7.   PowerPoint
8.   Corel Draw /Accounting on Computer

General Courses

1.   Use of English
2.   Principle of Accounting
3.   Principles of Economics
4.   Management Information System.
5.   Fundamentals of Personal Computer
6.   Life Principles
7.   Entrepreneurship

3.   **Diploma in Micro Computer Maintenance**

The program is designed for those interested in having training in the maintenance and repair of computers.

Computer Courses:-

1.   Introduction to Computer
2.   Basic Electronics
3.   Fundamental of Personal Computer
4.   Use of English
5.   Computer System Design & Assembly
6.   Computer Management (OPSM)
7.   Operating Systems (O.S.)
8.   Installation & Maintenance I

9.   Networking
10.   Installation & Maintenance II
11.   Internet
12.   Life Principles
13.   Entrepreneurship

4.   **Professional Diploma in Information Technology**:

The program is designed for those interested in having training in Information Technology. Candidates must have 4 'O' Level Credits.

Computer Courses:-

1.   Introduction To Computer
2.   Computer management
3.   Word Processing (DTP)
4.   Web Design
5.   Networking
6.   Power Point
7.   Internet
8.   JAVA
9.   Database Management
10.   Photoshop
11.   Use of English
12.   Fundamentals of Pers. Computer
13.   Management Information System
14.   Life Principles
15.   Entrepreneurship

5.   **Post Graduate Diploma in Computer Applications**

This program is open to everyone with HND or higher qualification who wants to acquire computer skills to a Professional Diploma Level.

Computer Courses

1.   Introduction to Computer
2.   Advanced Word Processing
3.   Spreadsheet
4.   Database Management
5.   Computer Management
6.   Accounting on Computer
7.   PowerPoint
8.   Statistical Package
9.   Internet
10.   Java / C++ / Networking / Web Design

11.   Fundamentals of Personal Computers
12.   Life Principle

Special Programmes

These packages are open to those who are computer literate and would like to have additional knowledge in a specific area. Candidates must show proof of computer literacy. These cost differently.

1. Internet
2. Networking
3. PowerPoint
4. Web Design
5. Oracle
6. AutoCAD
7. CISCO
8. Photoshop
9. SPSS
10. Peachtree Accounting
11. EasyWorship
12. LabVIEW
13. Video Editing

NBTE APPROVED COURSES

CURRICULUM TABLE FOR NID IN COMPUTER HARDWARE ENGINEERING

1ST SEMESTER NID Computer Hardware Engineering

Course Code	Course Title	Units
CSK 501	Basis of Communication	2
MAT 112	Logic and Linear Algebra	2
CHT 101	Basic Electricity	4
CHT 111	Operating System	6
CHT112	Computer Workshop and Practice 1	6
CHT 113	Basic Electronics	6
	TOTAL	26

2ND SEMESTER NID Computer Hardware Engineering

Course Code	Course Title	Units
CSK 502	Communication Skills II	2
MAT 232	Calculus	2
EDP 111	Introduction To Entrepreneurship	2
CHT 121	Digital Electronics	6
CHT122	System Architecture	6
CHT 123	Introduction to Micro Computer and Application Packages	4
	TOTAL	22

3RD SEMESTER NID Computer Hardware Engineering

Course Code	Course Title	Units
CHT 211	PC Assembling and Upgrading	6
CHT 212	System Architecture II	6
CHT213	Computer Workshop and Practice II	6

Course Code	Course Title	Units
CHT 214	Basic Networking	6
	TOTAL	24

4ᵀᴴ SEMESTER NID Computer Hardware Engineering

Course Code	Course Title	Units
CHT 225	Consumer Electronics	6
CHT 221	Troubleshooting and Repairs	6
CHT222	Software Installation and Upgrading	6
CHT 223	Practice of Entrepreneurship	2
CHT 224	Project	6
	TOTAL	26