**Course Structure**

**100 Level Nursing Sciences Programme**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| BIO 101 | General Biology I | 3 | C | 45 | - |
| BIO 102 | General Biology II | 3 | C | 45 | - |
| BIO 107 | General Biology Practical I | 1 | C | - | 45 |
| BIO 108 | General Biology Practical II | 1 | C | - | 45 |
| CHM 101 | General Chemistry I | 3 | R | 45 | - |
| CHM 102 | General Chemistry II | 3 | R | 45 | - |
| CHM 107 | General Chemistry Practical I | 1 | R | - | 45 |
| CHM 108 | General Chemistry Practical II | 1 | R | - | 45 |
| CSC 101 | Introduction to Computer Science | 3 | C | 30 | 45 |
| GST 121 | Use Library, Study Skills & ICT | 2 | C | 30 | - |
| GST 112 | Logic, Philosophy and Human Existence | 2 | E | 30 | - |
| GST 113 | Nigerian Peoples and Culture | 2 | R | 30 | - |
| GST 111 | Communication in English I | 2 | C | 30 | - |
| GST 122 | Communication in English II | 2 | C | 30 | - |
| GST 125 | Contemporary Health Issues | 2 | R | 30 | - |
| MTH 101 | Elementary Mathematics I | 3 | R | 45 | - |
| PHY 101 | General Physics I | 3 | R | 45 | - |
| PHY 102 | General Physics II | 3 | R | 45 | - |
| PHY 107 | General Physics Practical I | 1 | R | - | 45 |
| PHY 108 | General Physics Practical II | 1 | R | - | 45 |
|  | **Total** | **42** |  |  |  |

**Table 3.4.2 Course Structure for 200 Level Nursing Sciences Programme**

**200 Level First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| ANA 211 | Systemic and Functional Anatomy  | 2 | C | 15 | 45 |
| NSC 201 | Foundations of Nursing Science  | 3 | C | 45 |  |
| NSC 205  | Developmental Psychology  | 2 | R | 30 | - |
| NSC 207  | Medical Microbiology and Parasitology  | 3 | R | 45 | - |
| PSG 205 | Human Physiology I | 2 | R | 30 | - |
| GST 223 | Introduction to Entrepreneurship  | 2 | R | 30 | - |
| POL 201  | Political Science  | 2 | R | 30 | - |
| PHE 201  | Biostatistics | 2 | C | 30 | - |
| CSC 101 | Introduction to Computer Science | 2 | C | 30 | ,45 |
| GST 211 | Environment and Sustainable Development | 2 | R | 30 | - |
| GST 111 | Communication in English I | 2 | C | 30 | - |
| **TOTAL** |  | 24 |  |  |  |
| **200 Level Second Semester** |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| PSG 208 | Human Physiology II | 2 | R | 30 | - |
| ANA 212 | Regional Anatomy  | 2  | C | 15 | 45 |
| GST 224 | Leadership Skills | 2 | R | 30 | - |
| NSC 206  | Biochemistry – General and Medical  | 3 | R | 45 | - |
| GST 222 | Peace and Conflict Studies | 2 | R | 30 | - |
| NSC 208  | General and Cellular Pathology  | 3  | R | 45 | - |
| GST 112 | Communication in English II | 2 | C | 30 | - |
| NSC 299 | Students’ Industrial Work Experience Clinical I | 3 | C | - | 135 |
| **TOTAL** |  | **19** |  |  |  |

**Table 3.4.3 Course Structure for 300 Level Nursing Sciences Programme**

**300 Level First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| GST 311 | Entrepreneurship | 2 | R | 30 | - |
| PHA 301 | Pharmacodynamics and Chemotheraphy  | 3 | C | 45  | -  |
| NSC 301  | Epidemiology  | 3 | C  | 30  | -  |
| GST 121 | Use Library, Study Skills & ICT | 2 | C | 30 | - |
| NSC 303  | Basic Community Health Nursing including Primary Health Care  | 5 | C  | 30  | - |
| NSC 305  | Human behaviour in health and illness  | 3 | C | 30  |  - |
| NSC 307  | Human Nutrition  | 2  |  R | 45  |  |
| NSC 309 | Basic Medical Surgical Nursing I | 3 | R | 45 | - |
| **TOTAL** | **23** |  |  |
| **300 Level Second Semester** |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| NSC 306  | Introduction to Basic Maternal and Child Health  | 5 | C | 60  | - |
| NSC 304  | Nursing ethics and Jurisprudence jurisprudence  | 3 | R  | 45  | -  |
| NSC 399 | Students’ Industrial Work Experience (Clinical) | 3 | C | - | 135 |
| NSC 302  | Environmental Health  | 2  | C | 30  | -  |
| NSC 310 | Basic Medical and Surgical Nursing II | 3 | C | 45 | - |
| NSC 308 | Objective Structure Clinical Examination (OSCE) I | 3 | R | - | 135 |
| PHA 302 | Pharmacodynamics and Chemotheraphy II  | 3 | C | 45  | -  |

**Table 3.4.4 Course Structure for 400 Level Nursing Sciences Programme**

**400 Level First Semester**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| NSC 401   | Basic Mental health and Psychiatric Nursing  | 3 | C | 45 | - |
| NSC 409  | Basic Maternal and Child Health Nursing II  | 3 | C | 45 | 90  |
| NSC 403  | Advanced Medical Surgical Nursing  | 6 | C | 60 | 90   |
| NSC 407  | Research Methodology I  | 3 | C | 45 | - |
| NSC 405  | Principles of Education and Teaching Methodology  | 3 | E | 45   | - |
| NSC 411 | Practicum in Teaching and Management  | 2 | C | - | 90 |
| **TOTAL** |  | **20** |  |  |  |
| **400 Level First semester**  |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| NSC 404  | Research Methodology II  | 3 | C | 45 | - |
| NSC 402  | Basic Maternal and Child Health Nursing III  | 6 | C | 60 | 90  |
| NSC 406  | Management of Nursing Services  | 3 | C  | 45 | - |
| NSC 408  | Practicum in Teaching and Management  | 2 | C | - | 90 |
| NSC 410 | Objective Structure Clinical Examination (OSCE) II | 3 | R | - | 90 |
|  | **Total** | **17** |  |  |  |

**Table 3.4.5 Course Structure for 500 Level Nursing Sciences Programme**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| NSC 501 | Advanced Mental Health and Psychiatric Nursing IPsychiatric Nursing  | 3 | C | 30  | 135 |
| NSC 511  | Advanced Maternal and Child Health Nursing   | 3 | C | 30 | 135  |
| NSC 503  | Advanced Community Health Nursing  | 3 | C  | 30  | 135  |
| NSC 505  | Nursing Seminars I  | 2 | C | 30 | - |
| NSC 507  | Health Economics  | 3 | C | 30 | - |
| NSC 513  | Research Project I  | 3 | C  | - | 180 |
| NSC 509  | Electives in Nursing specialties include: Nursing formatics and French | 2 | E |  45  | 135 |
| NSC 515 | OSCE IX |  |  |  |  |
|  | **Total** | **19** |  |  |  |

**Table 3.4.5 Course Structure for 500 Level Nursing Sciences Programme**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Units** | **Status** | **LH** | **PH** |
| NSC 501 | Advanced Mental Health and Psychiatric NursingPsychiatric Nursing  | 5 | C | 30  | 135 |
| NSC 502  | Advanced Maternal and Child Health Nursing   | 5 | C | 30 | 135  |
| NSC 503  | Advanced Community Health Nursing  | 5 | C  | 30  | 135  |
| NSC 505  | Nursing Seminars  | 2 | C | 30 | - |
| NSC 506  | Nursing Entrepreneurship  | 2 | R | 30 | - |
| NSC 507  | Health Economics  | 2 | C | 30 | - |
| NSC 508  | Research Project  | 4 | C  | - | 180 |
| NSC 509  | Electives in Nursing specialties include: Nursing formatics and French | 6 | E |  45  | 135 |
|  | **Total** | **31** |  |  |  |

**Course Synopses**

**100 LEVEL**

**BIO 101: General Biology I (3 Units: LH 45)**

Origin of life and influence of living things on the chemistry of the Earth. Essentials of life, including sources and use of energy, responsiveness to natural selection and cellularity. Cell structure and organization, functions of cellular organelles, diversity, characteristics and classification of living things, general reproduction, interrelationship of organisms; heredity and evolution, elements of ecology and types of habitat.

**BIO 102: General Biology II (3 Units: LH 45)**

A generalized survey of the plant and animal kingdoms based mainly on the study of similarities and differences in the external features, ecological adaptation of these forms.

**BIO 107: General Biology Practical I (1 Unit; PH 45)**

Laboratory experiments designed to illustrate the topics covered in BIO 101

**BIO 108: General Biology Practical II (1 Unit; PH 45)**

 Experiments designed to emphasise the practical aspects of topics of course BIO 102

**CHM 101: General Chemistry I (3 Units: LH 45)**

Atoms, molecules and chemical reactions. Modern electronic theory of atoms. Electronic configuration, periodicity and building up of the periodic table. Hybridization and shapes of simple molecules. Valence Forces; Structure of solids. Chemical equations and stoichiometry; Chemical bonding and intermolecular forces, kinetic theory of matter. Elementary thermochemistry; rates of reaction, equilibrium and thermodynamics. Acids, bases and salts. Properties of gases. Redox reactions and introduction to electrochemistry. Radioactivity.

**CHM 102: General Chemistry II (3 Units: LH 45)**

Historical survey of the development and importance of Organic Chemistry; Fullerenes as fourth allotrope of carbon, uses as nanotubules, nanostructures, nanochemistry. Electronic theory in organic chemistry. Isolation and purification of organic compounds. Determination of structures of organic compounds including qualitative and quantitative analysis in organic chemistry. Nomenclature and functional group classes of organic compounds. Introductory reaction mechanism and kinetics. Stereochemistry. The chemistry of alkanes, alkenes, alkynes, alcohols, ethers, amines, alkyl halides, nitriles, aldehydes, ketones, carboxylic acids and derivatives. The Chemistry of selected metals and non-metals. Comparative chemistry of group IA, IIA and IVA elements. Introduction to transition metal chemistry.

**CHM 107: General Chemistry Practical I (1 Unit: PH 45)**

Laboratory experiments designed to reflect topics presented in courses CHM 101 and CHM 102. These include acid-base titrations, qualitative analysis, redox reactions, gravimetric analysis, data analysis and presentation.

**CHM 108: General Chemistry Practical II (1 Unit: PH 45)**

Continuation of CHM 107. Additional laboratory experiments to include functional group analysis, quantitative analysis using volumetric methods.

**CSC 101: Introduction to Computer (3 Units: LH 30, PH: 45)**

Survey of computers and information processing and their roles in society. This course introduces a historical perspective of computing, hardware, software, information systems, and human resources and explores their integration and application in business and other segments of society. Students will be required to complete lab assignments using the PC’s operating system, and several commonly used applications, such as word processors, spreadsheets, presentations, graphics and other applications. Internet and on-line resources, browsers and search engines.

**GST 111**: **Communication in English I: (2 Units: LH 30)**

Effective communication and writing in English Language skills, essay writing skills (organization and logical presentation of ideas, grammar and style), comprehension, sentence construction, outlines and paragraphs.

**GST 112**: **Logic, Philosophy and Human Existence (2 Units: LH 30)**

A brief survey of the main branches of Philosophy; Symbolic logic; Special symbols in symbolic logic-conjunction, negation, affirmation, disjunction, equivalent and conditional statements, law of tort. The method of deduction using rules of inference and bi-conditionals, qualification theory. Types of discourse, nature or arguments, validity and soundness, techniques for evaluating arguments, distinction between inductive and deductive inferences; etc. (Illustrations will be taken from familiar texts, including literature materials, novels, law reports and newspaper publications).

**GST 113**: **Nigerian Peoples and Culture (2 Units: LH 30)**

Study of Nigerian history, culture and arts in pre-colonial times; Nigerian’s perception of his world; Culture areas of Nigeria and their characteristics; Evolution of Nigeria as a political unit; Indigene/settler phenomenon; Concepts of trade; Economic self-reliance; Social justice; Individual and national development; Norms and values; Negative attitudes and conducts (cultism and related vices); Re-orientation of moral; Environmental problems.

**GST 121**: **Use of Library, Study Skills and ICT (2 Units: LH 30)**

Brief history of libraries; Library and education; University libraries and other types of libraries; Study skills (reference services); Types of library materials, using library resources including e-learning, e-materials, etc.; Understanding library catalogues (card, OPAC, etc.) and classification; Copyright and its implications; Database resources; Bibliographic citations and referencing.Development of modern ICT; Hardware technology; Software technology; Input devices; Storage devices; Output devices; Communication and internet services; Word processing skills (typing, etc.).

**GST 122**: **Communication in English II (2 Units: LH 30)**

Logical presentation of papers; Phonetics; Instruction on lexis; Art of public speaking and oral communication; Figures of speech; Précis; Report writing.

**GST 125: Contemporary Health Issues (2 Units: LH 30)**

Diet, exercise and health, nutritional deficiency diseases, malaria, other infections, hypertension, organ failure, air-borne diseases, sexually transmitted diseases, cancer and its prevention, sickle cell disease. HIV/AIDS: Introduction, epidemiology of HIV, natural history of HIV infection, transmission of predisposing factors to HIV, Impact of HIV/AIDS on the society, management of HIV infection, prevention of HIV. Drugs and Society: sources of drugs, classification of drugs, dosage forms and routes of drug administration, adverse drug reactions, drug abuse and misuse, rational drug use and irrational drug use. Human kinetics and health education: personal

**MTH 101: Elementary Mathematic I (3 Units: LH 45)**

**(Algebra and Trigonometry)**

Elementary set theory, subsets, union, intersection, complements, venn diagrams. Real numbers; integers, rational and irrational numbers, mathematical induction, real sequences and series, theory of quadratic equations, binomial theorem. Complex numbers; algebra of complex numbers; the Argand diagram. De-Moivre’s theorem, nth roots of unity. Circular measure, trigonometric functions of angles of any magnitude, addition and factor formulae.

**PHY 101: General Physics I (3 Units: LH 45)**

(Mechanics, Thermal Physics and Waves )

Space and time; units and dimension, kinematics; Fundamental laws of mechanics, statics and dynamics; work and energy. Conservation laws. Moments and energy of rotation; simple harmonic motion; motion of simple systems; Elasticity; Hooke's law, Young's shear and bulk moduli, hydrostatics; Pressure, buoyancy, Archimedes' principles. Surface tension; adhesion, cohesion, capillarity, drops and bubbles. Temperature; heat, gas laws; Laws of thermodynamics; kinetic theory of gases. Sound; Types and properties of waves as applied to sound and light energies. Superposition of waves. Propagation of sound in gases, solids and liquids and their properties. The unified spectra analysis of waves. Applications.

**PHY 102: General Physics II (3 Units: LH 45)**

(Electricity, Magnetism and Modern Physics)

Electrostatics; conductors and currents; dielectrics; magnetic fields and electro- magnetic induction; Maxwell's equations; electromagnetic oscillations and waves; Coulomb’s law; methods of charging; Ohm’s law and analysis of DC circuits; AC voltages applied to inductors, capacitors and resistance.

**PHY 107: General Practical Physics I (1Unit: PH 45)**

This introductory course emphasizes quantitative measurements, the treatment of measurement errors, and graphical analysis. A variety of experimental techniques should be employed. The experiments include studies of meters, the oscilloscope, mechanical systems, electrical and mechanical resonant systems, light, heat, viscosity, etc., covered in PHY 101 and PHY 102. However, emphasis should be placed on the basic physical techniques for observation, measurements, data collection, analysis and deduction.

**PHY 108: General Practical Physics II (1 Unit: PH 45)**

This is a continuation of PHY 107

**200 Level**

**ANA 211: Systemic and Functional Anatomy (2 Units: LH 15; PH 45)**

Cell and its functions. An introduction to basic anatomy and physiology of the various systems. Nerves and muscles as agents of communication in the body. Kidney as osmo-regulator of the body. Blood and immunity, protective mechanisms of the body. Circulatory, respiratory, endocrine and digestive systems of the body. Special sense organs. Body homeostasis. Physiology of growth, pregnancy and lactation.

**ANA 212: Regional Anatomy (2 Units: LH 15; PH45)**

The course examines the human body, its general organization, structure and relations. Basic anatomical terminologies. Organization of the human body. The cell as a fundamental unit of structure and its functions, Cell membranes. Tissues, organs and glands. Mitosis and meiosis. Embryology and Histology. Gross anatomy of the upper limb, lower limb, Abdomen, Pelvis and Perineum, and its relations, Head and Neck, Neuroanatomy.

**GST 211: Environment and Sustainable Development (2 Units: LH 30)**

Man – his origin and nature; Man and his cosmic environment; Scientific methodology, Science and technology in the society and service of man. Renewable and non-renewable resources – man and his energy resources. Environmental effects of chemical plastics, Textiles, Wastes and other materials, Chemical and radiochemical hazards, Introduction to the various areas of science and technology; Elements of environmental studies.

**GST 222: Peace and Conflict Resolution (2 Units: LH 30)**

Basic Concepts in peace studies and conflict resolution; Peace as vehicle of unity and development; Conflict issues; Types of conflict, e. g. Ethnic/religious/political/ economic conflicts; Root causes of conflicts and violence in Africa; Indigene/settler phenomenon; Peace – building; Management of conflict and security. Elements of peace studies and conflict resolution; Developing a culture of peace; Peace mediation and peace-keeping; Alternative Dispute Resolution (ADR). Dialogue/arbitration in conflict resolution; Role of international organizations in conflict resolution, e.g. ECOWAS, African Union, United Nations, etc.

**GST 223: Introduction to Entrepreneurial Studies (2 Units: LH 30)**

Introductory Entrepreneurial skills: Relevant Concepts: Enterprise, Entrepreneur, Entrepreneurship, Business, Innovation, Creativity, Enterprising and Entrepreneurial Attitude and Behaviour. History of Entrepreneurship in Nigeria. Rationale for Entrepreneurship, Creativity and Innovation for Entrepreneurs. Leadership and Entrepreneurial Skills for coping with challenge. Unit Operations and Time Management. Creativity and Innovation for Self-Employment in Nigeria. Overcoming Job Creation Challenges. Opportunities for Entrepreneurship, Forms of Businesses, Staffing, Marketing and the New Enterprise. Feasibility Studies and Starting a New Business. Determining Capital Requirement and Raising Capital. Financial Planning and Management. Legal Issues, Insurance and Environmental Considerations.

**GST 224: Leadership Skills (2 Units: LH 30)**

Transformation is a fundamental shift in the deep orientation of a person, organization or society such that the world is seen in new ways and new actions and results become possible that were impossible prior to the transformation. Transformation happens at the individual level but must be embedded in collective practices and norms for the transformation to be sustained. Leadership Development Programme (LDP) proposes novel approaches to teaching and learning, which emphasizes the practical involvement of participants. It is interactive and involves exercises and actual implementation of breakthrough projects by teams that make difference in the lives of the target population. In this course, leadership concepts comprising of listening, conversation, emotional intelligence, breakthrough initiatives, gender and leadership, coaching and leadership, enrollment conversation and forming and leading teams will be taught.

**NSC 201: Foundations of Nursing Science (3 Units: LH 45)**

The course provides a foundation of concepts, theories and principles which enables the student understand and integrate the content that is the composite of nursing as a science and an art. Introduction to Professional Nursing, Meaning of Health and illness. Nursing as it relates to health care, social and cultural set up. Concepts and trends in Nursing. Interpersonal relationships in Nursing. Ethics and philosophy of Nursing. Concepts of Primary Health Care. Components of Primary Health Care. Care of client. Comfort and safety measures. Diagnostic measures. Health Education.

The Nursing process and the utilization of scientific principles in the practice of Nursing. Philosophy of Nursing, Physical assessment, Theoretical basis for nursing practice.

**NSC 205: Developmental Psychology (2 Units: LH 30)**

Emphasis in this course is on development from conception through childhood and adolescence. Theories of learning, Psychology of Education and the nurse. Human growth and development. The nature and structure of intelligence, Individual difference. Determinants of health behaviour

**NSC 206: Biochemistry-General and Medical (3 Units: LH 45)**

The course deals with the chemistry of important biological compounds stressing their biogenesis and reaction mechanism.

Introduction to Biochemistry. Introductory kinetics and energetic. Chemistry of proteins and enzymes Chemistry and metabolism of carbohydrates, Lipids, Vitamins as co-enzymes. Integration of metabolism, Oxidation, Nucleic acids, RNA and protein synthesis, Diet, Food value, and Vitamin deficiency.

**NSC 207: Medical Microbiology and Parasitology (3 Units: LH 45)**

The course covers the study of the characteristics and classification of microorganisms. It enables the student identify infective agents that cause disease in man and to apply the knowledge of disease processes in terms of personal and communal health.

Characterisation and classification of characteristics of bacteria morphology, physiology, reproduction and metabolism of bacteria. Host – parasite relationship.

Infection, pathogenicity and virulence. Exo-and endotoxins. Susceptibility and resistance to infection, natural resistance, phagocytosis, antibodies. Natural and acquired immunity, Immunization – active and passive. Anaphylaxis, Hypersensitivity and Allergy.

Control of microorganisms, sterilization, disinfection. Chemotherapeutic agents and Antibiotics.

**NSC 208: General and Cellular Pathology (3 Units: LH 45)**

The course covers general mechanisms, the pathogenesis of disease and the dynamic nature of disease as it evolves from its incipient stage to its full expression. The effect of disease on organs and distant parts of the body are discussed.

Pathology and the nature of disease. Chemistry of cell damage and the dying cell. Inflammation and infection. Inflammatory response and chemical mediators. Immunity and cellular immune response. Principles of repair and reorganization of cell structure.

**NSC 299: Students’ Industrial Work Experience (SIWES) (3 Units: PH 135)**

Students will be posted to recognized and relevant placement areas of their choice during the industrial training. The twelve weeks will be spent in hospitals. Continuous assessment of students will be undertaken jointly by their industrial-based supervisors, ITF officials and institutional supervisors. Finally, students on returning to the institution will present a seminar on major duties performed and skills acquired during the training. Grades are allotted according to ITF directives.

**PHE 201: Biostatistics (2 Units: LH 30)**

The course is planned to equip the undergraduates in all the disciplines of health sciences with the necessary tools and skills for collecting, analyzing, interpreting data quantitatively. Topics to be covered include: The central role of statistics in health sciences disciplines, data description, elements of probability, description of random variables, applications of the binomial and normal distributions, estimation and confidence intervals, contingency tables, regression and variance analysis, study design and hypothesis testing. For practical purposes, students are provided with specific data to work on and are also required to develop simple questionnaire protocols for analysis.

**POL 201: Political Science (2 Units: LH 30)**

The course introduces the student to social organization and mechanisms of government. It stresses the needs and problems of politics as they affect Nigeria, Africa and the health professions.

Introduction to political science and African Politics Dependence, struggle for independences of African States. Politics in Africa as it affects the development of African people and the health profession. Nigerian politics as it affects Nursing profession. Elements of Administration, rule of law, role of the executive, legislature and the judiciary. Political parties and pressure groups. The role of the media.

**300 Level**

**GST 311 Entrepreneurship Studies (2 Units: LH 30)**

Profiles of business ventures in the various business sectors such as:

Soap/Detergent, Tooth brush and Tooth paste making; Photography; Brick making; Rope making; Brewing; Glassware production/ Ceramic production, Paper production; Water treatment/conditioning/packaging; Food processing/preservation/packaging; Metal fabrication; Tanning industry; Vegetable oil extraction; Farming; Fisheries/aquaculture; Plastic making; Refrigeration/Air-conditioning; Carving, Weaving; Bakery; Tailoring; Printing; Carpentry; Interior Decoration; Animal husbandry etc. Case Study Methodology applied to the development and administration of Cases that bring out key issues of business environment, start-up, pains and gains of growth of businesses, etc. with particular reference to Nigerian businesses. Experience sharing by business actors in the economy with students during Case presentations.

**PHA 301: Pharmacodynamics and Chemotherapy (3 Units: LH 45)**

The course is designed to enable the student acquire the knowledge of the derivation, action and functions of drugs on the systems of the body. It considers problems of drug therapy and the contributions of traditional chemotherapeutic measures to health maintenance. Drugs: derivations and standardization, classification of drugs dosage, administration and body’s reaction to drug therapy, principles of therapy, prophylaxis and control of bacterial, parasitic and viral infections. Chemotherapy for parasitic infections. Therapeutic drugs and their action on cells. Diet therapy, toxicology and drug abuse, Nurses role in drug therapy.

**NSC 301: Epidemiology (2 Units: LH 30)**

The course introduces students to the principles and methods of epidemiology as they apply to the study of communicable and non-communicable diseases. Types of epidemiological Studies; clinical applications.

**NSC 302: Environmental Health (2 Units: LH 30)**

The course is designed to examine the effect of environmental factors on the health of the community, community assessment and action to improve the quality of the environment is emphasized. Man and his physical environment. Environmental factors that affect health; noise, gas pollution, waste products, air, water.

Environmental sanitation: Waste disposal, vector control, Housing and water supply. Food Hygiene and Environmental health. Relationship of occupation to environmental factors, Rural Urban migration.

**NSC 303: Basic Community Health Nursing (5 Units: LH 45; PH 90)**

Introduction to basic concepts, historical development and scientific principles and practice of community health nursing and primary health care; the development community nursing and primary health care; conceptual foundation of community health practice; elements of community health nursing and primary health care; role and responsibilities of a community health nurse; community health nurse as a PHC practitioner; introduction to planning, programming and evaluation methods in community health nursing and primary health care - community health nursing diagnosis, through organized exposure to community health/primary health care programmes. The organized exposure of students, using problem-based approach, to community is as follows:

i) A period of experience in a defined rural/urban geographical-political

 community;

1. Collection of data for the assessment of health status of the community;
2. Analysis and presentation of the data to describe community health problems, social

and health needs, and draw inferences for service objectives related to specific preventive, promotive and health maintenance strategies.

**NSC 304: Nursing Ethics and Jurisprudence (3 Units: LH 45)**

This course is designed to enable the student identify nursing ethics as a component of medical ethics in her practice as a member of the health team. It introduces the student to the status and common law as they affect the nursing profession and nursing practice. It enables her to develop a personal philosophy of nursing.

Foundation of Nursing Ethics (National and International) Nursing ethics in Nigeria (Problems and prospects). Laws and regulations governing nursing practice in Nigeria. Ethical considerations and dilemmas. Nursing ethics as it relates to the health team. Ethical/moral principles. Professional ethics and constraints imposed by institutions. The health care system and individual rights: informed consent, abortion, dying and death, behaviour control. Discussion of ethical dilemmas and the nurse as an advocate.

**NSC 305: Human Behaviour in Health and Illness (2 Units: LH 30)**

This course is designed to enable the student acquire the knowledge of a socio-psychological determinants of health behaviour. It enables her initiate compliance behaviour by utilizing the principles of guidance and counselling. Human development, culture factors and behaviour: beliefs, taboos and behaviour in health and illness. The health-illness continuum. The socialization process: Development of personality and character formation; role identity and role function. Patterns of marriage and childrearing practices. Group dynamics, leadership, group norms, interpersonal relations, communication. Principles and technique of guidance and counselling.

**NSC 306: Basic Medical & Surgical Nursing (5 Units: LH 60; PH 45)**

The courses builds on foundation of professional nursing by in-depth study of steps in nursing process and health assessment; holistic approach to nursing care; disrupted homeostasis and psychophysiologic response to illnesses and nursing interventions; Experiences are provided in the nursing of selected individuals and families to facilitate the theoretical learning and to further develop skills in nursing practice.

**NSC 307: Human Nutrition (3 Units: LH 45**

The course discusses the historical perspectives of nutrition as a science. The nutritional values of food and its effect on health is emphasized. Food purchasing, presentation, preparation and diet therapy are studies to enable the students provide well balanced diets to clients and patients.

Historical perspectives. Nutrition as a science. Classification of food and their nutrients Relationship of digestion and absorption of food. Nutrient quality of local foods and diets. Selection and formulation of balanced and weaning diets. Use of food composition tables.

Nutrient requirements and recommended daily calorie requirements. Food in relation to the life cycle. Dietetics and diet in illness.

**NSC 399: Students’ Industrial Work Experience (SIWES) (3 Units: PH 135)**

Students will be posted to recognized and relevant placement areas of their choice during the industrial training. The twelve weeks will be spent in hospitals. Continuous assessment of students will be undertaken jointly by their industrial-based supervisors, ITF officials and institutional supervisors. Finally, students on returning to the institution will present a seminar on major duties performed and skills acquired during the training. Grades are allotted according to ITF directives.

**PHA 301: Pharmacodynamics and Chemotherapy (3 Units: LH 45)**

The course is designed to enable the student acquire the knowledge of the derivation, action and functions of drugs on the systems of the body. It considers problems of drug therapy and the contributions of traditional chemotherapeutic measures to health maintenance. Drugs: derivations and standardization, classification of drugs dosage, administration and body’s reaction to drug therapy, principles of therapy, prophylaxis and control of bacterial, parasitic and viral infections. Chemotherapy for parasitic infections. Therapeutic drugs and their action on cells. Diet therapy, toxicology and drug abuse, Nurses role in drug therapy.

**400-Level**

**NSC 401: Basic Mental Health and Psychiatric Nursing (3 Units: LH 45)**

This course enables the student to relate the knowledge of growth and development to mental health disorders and behavioural problems. It encourages her to develop an awareness of acceptance of behavioural changes of the mentally sick. The legal aspects of psychiatric nursing and the nurses role are stressed. History of mental health movement, national and international. Growth and development theories, relationship of growth and development of behaviour. Classification of mental health disorders, discussion of specific behaviours.

Intervention by health care providers: individual and group approach, therapeutic care, behaviour management. Nurse’s role: legal coverage.

**NSC 402: Basic Maternal & Child Health Nursing (6 Units: LH 60; PH 90)**

The course deals with the health of the family during its child bearing and child rearing years, emphasizing the needs of the mother and the new born during the maternity cycle, the role of the nurse in family planning and genetic counseling. History of maternal and child health nursing: National and international. The reproductive phase of the life cycle. Obstetric and Gynaecological conditions. Family planning and family health. Family Health Care. Child welfare and school health programmes. Domiciliary midwifery practice Field work – 6 weeks, Health care institutions practice.

**NSC 403: Advanced Medical and Surgical Nursing (12 Units: LH 120 PH 180)**

Expand the knowledge based on disease processes as they affect the systems of the body. Concept of cellular growth and proliferation, medical care and scientific nursing management of client/patients with specific acute and chronic ailments. Concept of metabolism: disturbances of ingestion, digestion and elimination. Hepatic functions. Glucose metabolism and hormonal disturbances. Concept of oxygenation and disturbances of oxygen carrying mechanism, blood pumping mechanism and blood vessel distribution. Concept of perception and coordination. Vascular and inflammatory disturbances.

Nurse’s role in the operating theatre, intensive care unit, ward and clinic situation.

**NSC 404: Research Methodology (3 Units: LH 45)**

The course is designed to create an awareness of and the need for research as a means for improving nursing care. The student is assisted to acquire the basic skills and knowledge required of a researcher and to conduct simple studies in her clinical area of practice.

Introduction to research methodology, the role of research in health and social welfare. Institution versus problem solving and the scientific approach. Research designs.

Application of principles of data collection, analysis and interpretation. Interpretation and utilization of research findings. Utilization of research methodology for individual and group research projects. Review of selected studies in the health care industry.

**NSC 405: Principles of Education and Teaching Methodology (3 Units: LH 45)**

This course is designed to introduce the student to the principles of education and educational methodology. It stresses the role of the student as a teacher and health education. Principles of education, principles of Teaching/Learning philosophy and objectives of education in Nigeria. Relationship of the national policy and philosophy on education to the education of nurses. Qualities of a teacher. Teacher/Learner interaction.

The learning environment, The learner, deductive and inductive reasoning. Concepts of motivation development of instructional objectives. Development of course content. Methods of evaluation.

Traditional and modern/innovative teaching methods as they apply to health professional education. Educational communication media. Development and implementation of teaching plans in clinical settings.

**NSC 406 : Management of Nursing Services (3 Units: LH 45)**

The course is designed to introduce the student to the philosophy, theory, principles and techniques of management as they relate to nursing care services. Essential tools for the management of nursing care and the evaluation of response to care will be discussed.

Introduction to management: Philosophy, purpose and objectives. The health care delivery system: (National and International). Tools of management, Communication and interpersonal relationship. Interviewing skills. Concepts of guidance and counselling. Elements of nursing management. Standards of Nursing practice. Management of human and material services. Budgeting and staffing. Supervisory process. Concepts of evaluation of clinical settings. Accountability and the role of research in practice.

**NSC 407: Practicum in Teaching and Management (2 Units: PH 90)**

The course enables the student to utilize the principles and techniques of teaching and management in health care settings. Opportunity is given for health education at the primary, secondary and tertiary levels of health care.

**500 Level**

**NSC 501: Advanced Mental Health & Psychiatric Nursing (5 Units: LH 30; PH 135)**

The course deals with preventive aspects of mental health and involves the role of traditional healers as they affect the mental/psychiatric disease interpretation in urban and rural settings. The role of the mental/psychiatric health care in schools, industries and homes. The nurse as a therapeutic agent. Social issues affecting the nature of mental illness. Research and mental/psychiatric health. Mental health, culture and the Nigerian society.

**NSC 502: Advanced Maternal and Child Health Nursing (5 Units: LH 30; PH 135)**

This course is designed to enable the student transfer the theoretical knowledge of maternal and child health nursing to practice settings. Growth and development of the child. Child health and genetics. Family care studies are essential. Domiciliary Midwifery Practice. Immunization: Expanded Programme on Immunisation. Oral Rehydration Therapy. Physical assessment, nursing diagnosis, the use of standing order and implementation of nursing intervention. Family planning and post natal exercises. Health education and the monitoring of growth and development.

**NSC 503: Advanced Community Health Nursing (5 Units: LH 30; PH 135)**

The course is on further development of students' knowledge and skills in the planning, organisation, and administration of community health nursing and primary health care services. The course emphasizes the application of integrated knowledge in the development, implementation and evaluation of community health nursing and primary health care programmes, using a model of Community Health Planning Cycle of, "Need Assessment or community health diagnosis; development, of Care Plans; implementation of care Evaluation" and building on earlier community-based exposure at 300 level.

The course will involve:

1. A period of attachment to PHC programmes and public health facilities;
2. Further attachment to a defined rural/urban geographical-political community for the collection, analysis and presentation of data for in-depth assessment of community health problems or programmes;
3. Planning with groups concerned with heath care in the communities;
4. Implementation of care plan through participation and working with community agencies;
5. Programme evaluation.

The course will also cover other traditional areas of public health, particularly international health, port health, social welfare services and occupational health and tools and technique of health promotion and disease prevention.

**NSC 505: Nursing Seminar (2 Units: LH 30)**

The course is designed to enable students identify issues and trends in nursing and health care. In-depth knowledge is derived through literature review and interaction with members of the health team. Case studies will also be presented.

**NSC 506 : Nursing Entrepreneurship (2 Units: LH 30)**

Introduction to basic definitions, objective, theories and practice, market survey and business plan; legal aspects, exploration of opportunities and possibilities; financing an enterprise; managing human, financial and other resources; legal aspects; case studies of successful and failed private nursing enterprises.

**NSC 507: Health Economics (2 Units: LH 30)**

The course is designed to allow grasping of the concepts of demography and social stratification as it influences access to nursing services. Introduction of notion of social welfare, problems of production, scarcity, choice and opportunity cost. The costing of health and nursing services, availability and distribution. Cost recovery of services. Role of nurses in the Natural Health Insurance Scheme.

**NSC 508: Research Project (4 Units: PH 180)**

Students are guided in the development, execution and writing of their research project.

**NSC 509: Electives in Nursing Specialties (6 Units: LH 45; PH 135)**

Each student decides on a clinical area of special interest for in-depth study and practice. Application of theoretical knowledge is emphasized.

**ORIENTATION PROGRAMME**

The orientation Programme is the first exposure of fresh students to social and academic life both within and outside the University. It is a period within which students are introduced to the various activities that they will be exposed to in the course of their academic programme.

 Orientation also affords students the opportunity to familiarize themselves with the rules, regulations and procedures of the University. The orientation activities offer the students a singular opportunity to avoid unnecessary embarrassments.

 As part of the orientation week activities, freshers are able to meet the officers of the University and LODLC. They are introduced to various facilities in the University such as Health Center, Library, and sporting activities e.t.c.

**MATRICULATION AND MATRICULATION NUMBER**

Only candidates who have satisfied the minimum educational requirements of Ladoke Akintola University Technology are admitted as students. Such candidates are eventually matriculated as students of the University on the Matriculation day. Each fresh student must sign the Matriculation Oath for Admission to the University and affirms that he/she will observe the statutes and rules of the University.

 All matriculants are required to be formally dressed. Each matriculant is assigned a matriculation number upon registration. No official student paper or document may be regarded as complete or valid unless it carries the correct matriculation number of the student. As a result, students are strongly advised to know and be definite at all times with their matriculation numbers.

 Once a student has been given a matriculation number, he/she must retain it even if he/she changes his/her Programme of study. He/She must use his/her undergraduate matriculation number when registering for any postgraduate course in the University. Disciplinary procedures will be taken against any student who attempts to obtain a second matriculation number.

**IDENTITY CARD**

 Each registered student of the Centre, upon payment of a prescribed fee, is issued with an official student identity card valid for required numbers of session he is to spend in school. Students may be required, at anytime, to identify themselves upon request by authorized University officials acting in the performance of their duties.

 Some University facilities are open to only students who are able to show valid cards. Students are required, therefore, to take very good care of their identity cards, carry them always and be ready to produce them at any time on demand.

 Students must surrender their identity cards to the centre upon their graduation or withdrawal from the University. Failure to do so shall attract appropriate disciplinary action.

**Special information on the identity cards**

(a) No student will be allowed into examination hall without identity card.

(b) The identity card is a security document and students are advised to keep it securely against loss or theft.

(c) Students are advised to report loss or theft of their identity cards to the security unit or Student Affairs Unit without any delay.

**LEAVE Of ABSENCE**

Any student of the centre who, after one or two semesters or at any other point in time of his studies, is unable to continue with his/her studies on account of ill-health or financial difficulties, may apply through his/her centre to Senate for leave of absence for a semester, subject to a maximum period of two semesters.

**WITHDRAWAL FROM THE PROGRAMME**

Any student who is absent from the University for two consecutive semesters without official permission will be deemed to have withdrawn from the University. Also, a student whose CGPA falls below 1.00 at the end of a semester shall be on probation during the following semester. If he/she fails to achieve a CGPA of at least 1.00 at the end of that semester, he/she shall be required to withdraw from the University.

**REGISTRATION FOR COURSES**

**RULES GOVERNING COURSE REGISTRATION**

 (a) Any student who fails to register within the specified period will be deemed to have absented himself/herself from the course for the semester. Absence from the course without permission will lead to forfeiture of the semester by the student and disqualification from writing the University examination at the end of the semester.

(b) The Electronic registration for courses shall take place at a specified period (not more than two weeks) at the beginning of each semester.

(c) A student must register for the required number of courses/units (including compulsory and required courses) as prescribed by the Faculty/Department concerned at the beginning of each semester.

(d) Each student must register for the specified General Studies courses, which he/she must pass in order to qualify for the award of the University Degree.

**SUBMISSION OF REGISTRATION FORMS**

**- First Semester**

The submission of Registration Forms for the First Semester shall end before matriculation in the cases of freshers and two weeks after the University official date of resumption in the case of returning undergraduates.

**- Second Semester**

 Students are expected to complete their registration for the semester two weeks after the University official date of resumption.

**Documents to be attached to Student Course Registration Forms**

Students must attach the following documents to their Course Registration Forms.

(i) **Fresh Students**

 (a) E-payment Fees Receipt

 (b) Medical Clearance

 (c) Academic Clearance

 (d) General Clearance

 (e) Student Data Forms

 (f) One Recent Passport Photograph

 (g) All relevant credentials such as: Birth certificate, WASSCE certificate etc.

(ii) **Stale Students**

1. E-payment fees receipt

**PENALTIES FOR LATE REGISTRATION**

1. Students who submit their Registration Forms within one week after the stipulated two weeks free registration period shall pay a fine as may be determined by the University.
2. Any student who fails to register for courses within the two weeks period of registration in any semester shall forfeit his/her studentship for that semester.
3. Any student who does not register for a course in any semester would not be allowed to sit for examination in that course. No Registration! No Examination! No Result!

**EXAMINATION REGULATIONS**

(1) Most of the examination shall be computer based. Students must attend punctually at the times assigned to their papers and must be ready to be admitted into the examination hall thirty (30) minutes before the time the examination is due to start. Students shall not, in any circumstance, enter the examination hall later than thirty minutes after the time appointed for the commencement of the examination. Students arriving later than thirty minutes after the examination has started shall be admitted only at the discretion of the Chief invigilator.

(2) Students are expected to complete examination attendance register in case of paper and pencil examinations.

(3) Students should not leave the examination hall during the first hour of the examination; outside the period, candidates, with the permission of the invigilator, may leave the room temporarily only if accompanied by an attendant.

(4) Students must display their University identity and Examination Cards on the desk during each examination.

(5) The invigilator may search students before they are allowed into the Examination Hall.

(6) Students must bring their own writing materials (in case of paper and pencil examination) including Calculator (not handset) to the examination hall but they are not allowed to bring any other book or paper. Students are warned in their own interest to ensure that anything that can implicate them such as lecture note, text books, bags, handset and electronic gadgets are not brought into the examination hall.

(7) Student should endeavor to read the instructions on their question paper and adhere strictly to it.

(8) While the examination is in progress communication between candidates is strictly forbidden.

(9) Silence must be observed in the examination hall. The only permissible way of attracting the attention of the invigilator is by the candidate raising up the hand.

(10) All rough work must be done on the answer scripts and crossed neatly thereafter (in case of paper and pencil examination).

(11) Students are advised in their own interest, to write legibly and to avoid using faint ink. The answer to each question must be on a fresh page of the answer script.

(12) Students are to write their matriculation numbers only on the answer scripts and not to write names.

(13) Students are to submit their answer scripts to the invigilator before leaving the examination hall. They are not allowed to remove or mutilate any paper or materials supplied by the University.

(14) Any student found to be involved in any examination malpractice will be invited to appear before the Examination Malpractices Panel and may subsequently be expelled from the University, depending on the gravity of the offence.

**EXAMINATION MALPRACTICE**

As part of the on-going campaign to rid LAUTECH of the menace of examination malpractice and to maintain credibility and integrity of the conduct of examinations in the University generally, Senate of the University has considered all forms of Examination Malpractices and prescribed appropriate sanctions.

 Any student caught to have cheated or aided and abetted cheating in any examination or possessed incriminating materials at the examination or involved in any other examination misconduct before, during or after an examination including impersonation, will be made to appear before the Examination Malpractices Panel.

**PROCEDURE FOR INVESTIGATING ALLEGED EXAMINATION MISCONDUCT**

1. Whenever a student is caught for any examination offence, the case shall be reported to the Invigilator/Supervisor in the Hall immediately.

2. The invigilator shall fill the necessary forms reporting the case of examination misconduct and the student should be made to write a statement on his/her involvement. Thereafter, the student shall be allowed to continue with the examination.

3. The Invigilator/Supervisor shall then report formally to Programme cordinator.

4. The student will then be invited to appear before the Examination Malpractices Panel to defend himself/herself verbally.

5. The Examination Malpractices Panel shall read the offence(s) alleged to have been committed by the student and allow him/her to defend himself/herself in the light of his/her statement, which he/she had earlier on submitted.

6. The report and recommendation of Examination Malpractices Panel shall be forwarded to the Senate for consideration and approval.

7. Student may appeal against the decision of the Senate within 14 days of communication of the decision to him/her through the Programme cordinator through the Director to the Senate.

**EXAMINATION OFFENCES AND SANCTIONS**

**The offences and sanctions to be imposed are as follows:**

|  |  |  |
| --- | --- | --- |
| ***S/NO*** | ***Offence*** | ***Sanction*** |
| 1 | Examination Leakage | Student - ExpulsionStaff - Dismissal |
| 2 | Illegal possessions of answer script by student  | Expulsion |
| 3 | Examination scripts with more than one handwriting | Expulsion |
| 4 | Staff-complicity in multiple handwriting  | Dismissal |
| 5 | Possession of illegal materials relating to Examination inside the examination venue | Suspension for four semesters |
| 6 | Involvement of mercenary in writing examination | Expulsion of all parties concerned |
| 7 | Impersonation | Expulsion of all parties concerned  |
| 8 | Student’s assault on invigilator | Expulsion |
| 9 | Harassment of co-students for not cooperating in malpractice | Suspension for one academic session |
| 10 | Falsification of identity i.e. Names and matriculation Number, e.t.c. by culprit. | Expulsion |
| 11 | Giraffing | Suspension for two semesters |
| 12 | Exchange of scripts | Expulsion of all parties |
| 13 | Refusal to submit examination answer script | Suspension for one academic session |
| 14 | Falsification of official document such as E-payment School Receipt, Identity card and Course Registration form e.t.c.  | Expulsion |

**THE COURSE UNIT SYSTEM AND REGULATIONS GOVERNING THE AWARD OF A DEGREE**

**Description of the course system**

 The Course Unit System is an operation system in which the entire Programme of courses required by a student for a particular degree is packaged into a number of modules. Each consisting of a prescribed number of units, usually, one module is to be offered in one semester.

**GRADING OF EXAMINATION UNDER THE COURSE UNIT SYSTEM**

It is important to note the following:

(i) **Pattern of Examination:** Each course shall be examined at the end of the semester (or session as the case may be) in which it is offered. This shall mostly be computer based test, theory paper of two or three hours, in addition to which there may be a practical paper and/or an oral examination;

(ii) **Qualification for Examination:** To be qualified to sit for an Examination, the student must be dully registered, pay his/her school fee fully and obtain examination card for the examination.

(iii) **Measurement of Performance:** A student’s performance in a course shall be measured in terms of:

1. The scores in the Continuous Assessment usually 40%
2. The results of the prescribed theory and/or practical examination in the course which is usually 60%.

(iv) **Levels of Performance:** The grades awarded for a course are as follows:

|  |  |  |
| --- | --- | --- |
| Mark Range (%) | Letter Grade | Interpretation |
| 70-100 | A | Excellent  |
| 60-69 | B | Very Good |
| 50-59 | C | Good |
| 45-49 | D | Satisfactory |
| 40-44 | E | Weak Pass |
| 0-39 | F | Failure |

(v) **Semester Performance:** A student’s performance in a semester is calculated as Grade Point Aggregate (GPA). This involves the awarding of credit points in respect of each course taken during the semester. To this end, numerical values are attached to the letter grades earlier mentioned as follows:

 A - 5 Credit points per unit of course

 B - 4 Credit points per unit of course

 C - 3 Credit points per unit of course

 D - 2 Credit points per unit of course

 E - 1 Credit point per unit of course

 F - 0 Credit point per unit of course

The semester GPA is then obtained as the ratio of total number of credit points (TCP) to the total number of units (TNU) of courses offered during the semester. Thus, GPA=TCP/TNU.

(vi) **Cumulative Performance:** While the GPA specified above is used to measure the performance of a student in a given semester, the Cumulative Grade Point Average (CGPA) is the one that really determines the student’s overall academic standing and, therefore, his continued stay or otherwise in the University after the semester examination. It is also CGPA that is used to classify the degrees awarded to students.

 The CGPA is obtained as the ratio of all the credit points accumulated since entering the University to the total number of units registered for since coming into the University.

In other words, the CGPA is equal to the cumulative credit points (CCP), divided by the cumulative load units, (CLU), thus CCP/CLU=CGPA.

All CGPA calculations are to decimal places. Sample computation of GPA and CGPA is presented later in this booklet.

(vii) **Incomplete Grade:** When a student is unable to complete all the prescribed requirements for a course in which he/she is formally registered, his/her result may be deemed to be incomplete by the offering department until the department certifies that all prescribed requirements have been met but, in all cases not later than one semester after the course had been offered.

(viii) **Academic Probation:** A student whose CGPA at the end of a Semester is less than 1.00 shall be placed on academic probation during the subsequent semester.

 (ix) **Release of Examination Result**

At the end of each semester the final results of the semester examination shall be published by the centre after Senate approval and pasted on the University website.

**REPETITION OF COURSE**

 Any course failed by a student must be repeated until it is passed. A student shall repeat only those courses in which he/she has obtained a grade of F. The grade earned for a repeat course shall be recorded and used in the computation of GPA and CGPA in usual way.

**REQUIREMENTS FOR THE AWARD OF A DEGREE**

To be eligible for the award of a degree, a student must satisfactorily complete the minimum number of units prescribed for the degree. He/she must, in addition, complete successfully, all compulsory courses as well as required and electives for the degree as prescribed.

**RESIDENCY REQUIREMENT**

To qualify for a degree in the LODLC of the University, each student shall normally be required to spend a minimum period of three to four academic years depending on the mode of admission and course of study.

**CLASSIFICATION OF DEGREE**

The degrees awarded by University are Honours degree and are classified according to CGPA as follows:

|  |  |
| --- | --- |
|  ***Class of Degree*** | ***CGPA Range*** |
| First Class | 4.50-5.00 |
| Second Class Upper | 3.50-4.49 |
| Second Class Lower | 2.40-3.49 |
| Third Class | 1.50-2.39 |

**SAMPLE COMPUTATION OF GPA AND CGPA**

The following assumed results obtained by a student in his/her first year in the University are used to illustrate the computation of GPA and CGPA.

**For 1st Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Course Code*** | ***Unit*** | ***Grade*** | **Credit Point** | ***Point= Unit x Credit Point.*** |
| MTH101 | 5 | F | 0 | 5 x 0 =0 |
| PHY 101 | 4 | E | 1 | 4 x 1 =4 |
| PHY 103 | 1 | C | 3 | 1 x 3 =3 |
| CHM 101 | 4 | E | 1 | 4 x 1 =4 |
| CHM 103 | 1 | C | 3 | 1 x 3 =3 |
| BIO 101 | 3 | F | 0 | 3 x 0 =0 |
| BIO 103 | 1 | D | 2 | 1 x 2 =2 |
| GNS 101 | 2 | C | 3 | 2 x 3 =6 |
| GNS 103 | 2 | D | 2 | 2 x 2 =4 |
| TOTAL | 23 | - |  | 26 |

**TCP = 26**

**TNU = 23**

**GPA = TCP/TNU = 26/23 =1.13**

**For 2nd Semester**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Course Code*** | ***Unit*** | ***Grade*** | ***Credit Point*** | ***Point = Unit x Credit Point.*** |
| MTH 102 | 5 | F | 0 | 5 x 0 =0 |
| PHY 102 | 4 | F | 0 | 4 x 0 =0 |
| PHY 104 | 1 | C | 3 | 1 x 3 =3 |
| CHM 102 | 4 | E | 1 | 4 x 1 =4 |
| CHM 104 | 1 | C | 3 | 1 x 3 =3 |
| BIO 102 | 3 | E | 1 | 3 x 1 =3 |
| BIO 104 | 3 | E | 1 | 3 x 1 =3 |
| GNS 102 | 2 | F | 0 | 2 x 0 =0 |
| GNS 104 | 2 | E | 1 | 2 x 1 =2 |
| TOTAL | 25 | - |  | 18 |

For 2nd Semester

**TCP = 18, TNU = 25**

**GPA = TCP/TNU = 18/25 = 0.72**

**CCP = TCP 1st Semester + TCP 2nd Semester**

**= 26 + 18**

 **= 44**

**CLU = TNU 1st Semester + TNU 2nd Semester**

 **= 23 + 25**

 **= 48**

**CGPA = CCP/CLU = 44/48**

 **= 0.9**

Repeat: MTH 101, BIO 101, MTH102, PHY102, GNS 102.

Remark: PROBATION.

**COMMENT**

Note that the candidate will be on PROBATION during the third semester since his CGPA has fallen below 1.00 at the end of the second semester. Furthermore, if the CGPA still falls below 1.00 at the end of the semester that followed, he/she will be advised to WITHDRAW from the University.

**CHANGE OF NAMES BY STUDENTS**

The following guidelines are adopted in respect of the procedure for change of names by students in the University.

(a) That all students should graduate with the names by which they were admitted to the University.

(b) That only female students may be allowed to change their names, as a result of change in marital status and with acceptable documentary proof.

(c) That for the avoidance of doubt, no change of name by any male student is allowed by the university. Male students are advised to take special note of this. All enquiries on the procedures for change of name can be obtained from the Student Affairs Unit.

**GUIDELINES ON CHANGE OF PROGRAMME/CHANGE OF UNIVERSITY**

Request for transfer should be made only at the completion of 100 level and it is based on fulfillment of requirements of the department where the student wish to transfer to.

**TRANSCRIPT**

The LODLC keeps official record of students’ grades and transcripts. Students and parents may obtain official transcripts or records directly related to them upon request as provided for and approved by Senate, from time to time. In all cases, obligation to LAUTECH, Ogbomoso must be fulfilled before any transcript could be issued.

**REGULATIONS ON STUDENTS CONDUCT AND DISCIPLINE**

The University is established primarily to educate the student and to inculcate the cultural value and good character.

 An acceptance of offer of admission by a student to the University automatically implies that he/she has accepted to abide by the rules and regulation that may from time to time be made for governance of the University. Such acceptance also carries with it an obligation that the student shall conduct himself/herself as a law abiding and responsible member of the academic community, in accordance with University’s standards, rules and other conditions established by legally constituted Authority of the University.

 Every student of the University is required to maintain a high standard of personal integrity. Each student shall conduct himself/herself peacefully in expressing his/her view on any changes, which he/she may consider necessary. The University regards as serious offences any act of unethical, immoral, dishonest, disloyal, dehumanize or destructive behaviour as well as violation of University regulations. It is, therefore ,the responsibility of each student not only to acquaint himself/herself with these regulations but also to assist in upholding them at all times.

 The University is committed to the full support of the legitimate right of its members. The University has an equal obligation to protect its educational purpose and interest of its entire community. For this reason, the University is naturally concerned about the action of some individuals which may be in conflict with the welfare and integrity of the University or in disregard of the right of other members of this community.

The legitimate expression of differing opinion and concerns is an essential part of the academic community. But the imposition of opinion and concern upon those who, in turn, dissent from them shall not be tolerated. It is emphasized that all members of the University community, including students, are subject to the laws of the nation whether within or outside University campus, like all other citizens. They are expected to learn to cope with problems intelligently, reasonably and with understanding and consideration for the right of others. Each member shall recognized that as he/she values his/her right and freedom so is he/she expected to respect the right and freedom of others.

 The University reserves the right to discipline a student or to require, through the established disciplinary process, his/her withdrawal from the University based on evidence of a student’s failure to abide by its rules. Upon matriculation, every student must obtain and complete bio-data and Denounciation/Renounciation of membership of cult group form at the office of Dean of Student Affairs.

**THE DISCIPLINARY SYSTEM**

The law governing the University vests the Vice-Chancellor with the power to discipline students. In practice, there is a statutory Students Disciplinary Committee with the general function of dealing with individual cases of indiscipline. The Vice-Chancellor has delegated power to the Dean of Student Affairs, Deans of Faculties, Heads of Departments and some officers of the University to impose disciplinary measures on students for certain defined offences.

**SANCTIONS FOR VIOLATION OF UNIVERSITY REGULATIONS**

The following are some of the disciplinary sanctions, which may be imposed for violation of University regulations:

**(a)** **Disciplinary Probation:**

Disciplinary probation is a trial for a specific period of time during which a student must behave in a manner acceptable to the University. The Disciplinary Committee may impose terms, which will restrict the student’s participation in extra-curricular and/or other activities.

**(b) Suspension:**

Suspension is an action which excludes the student from registration, attendance of lectures, practical classes, examinations and the use of University facilities for a specified period of time. This action means that the student must immediately leave the Campus and shall not return to the University until the suspension period is over.

**(c) Expulsion:**

Expulsion is the permanent withdrawal of student from the university. The privileges of registration, attendance of lectures, practical, examinations as the use of University facilities are withdrawn from the student. This action means that the student must leave the Campus immediately and cease to be a student of the University.

**(d) Appeal:**

In disciplinary cases, students concerned have a right of appeal to the Vice-Chancellor, Senate and ultimately to the Council against the decision of the University Senate.

**CODE OF CONDUCT FOR STUDENTS**

**(i) University Property Disciplinary Measure:**

1. A student shall not convert University property to personal use illegally.
2. Students demonstration resulting in the seizure and/or vandalisation of the University Property and those of staff will attract appropriate sanctions.

**(ii) Interpersonal Relationship:**

1. A student shall not engage in any act that can constitute an offence under the law of the country.
2. A student shall not constitute a threat to the life of other students. Physical combat will attract expulsion.
3. A student shall not be rude to the University Principal Officers and other authorized officials.
4. A student shall not be a member of any proscribed organization.
5. A student shall not hold any illegal or secret meeting organized by secret societies/fraternities. Membership of Cult or Secret Society will attract expulsion from the University.
6. A student shall not engage in sexual harassment.
7. A student shall not molest, intimidate or harass any University staff.
8. Immodest dressing by any student will attract disciplinary sanctions and such student (male or female) could be asked to leave the lecture room or University function.
9. Offenders shall face the Students Disciplinary Committee, depending on the seriousness of the misconduct.

**(iii) Discipline of Students**

 Subject to the provision of this section, where it appears to the Vice-Chancellor after due investigation, that any student of the University has been found guilty of misconduct, the Vice-Chancellor may, without prejudice to any other disciplinary powers conferred on him by statute or regulation, direct:

1. That the student shall not, during such period as may be specified in the directive, participate in such activities of the University or make use of such facilities of the University, as may be so specified; or
2. That the student be suspended for such period as may be specified in the directive
3. That the student be expelled from the University.

Whatever the directive given under paragraph (b) or (c) of the above in respect of any student, the student may in the prescribed manner, appeal against the directive through the Registrar to Senate or Council and where such an appeal is brought, the Senate or Council shall, after due consideration, either confirm or set aside the directive or modify it in such a manner as the Senate or Council deems fit. The fact that an appeal against a directive of the Vice-Chancellor is brought in pursuance of the preceding sub-section, operation of the directive shall not be affected while the appeal is pending.

The vice-Chancellor may exercise his power under the Section through a Disciplinary Board or Committee consisting of such members of the University as he may nominate. Nothing in this Section shall be construed as preventing the restriction or termination of a student’s activities at the University other than on the ground of misconduct. Any student who had been advised to withdraw from the University for any reason shall neither attend lectures nor participate in other student’s activities.

**(iv) Attendance at any official University Engagement:**

1. A prompt attendance is required.
2. Students should be neat and well dressed.
3. Students should conduct themselves in orderly manner and follow the instruction of the management closely. Any student misconduct that could disrupt official University engagement shall attract appropriate disciplinary sanction.
4. Students are encouraged to express their mind freely on any issue but they should do nothing to embarrass the authority of the University publicly.

**(v) Movement around the University**

1. The Lawns should be respected. There should be no movement across the lawns.
2. All litter must be dropped at appropriate waste dumps
3. Students should ease themselves at places designated for the purpose.
4. Students who posses any form of vehicular transport shall obey all existing traffic rules and regulations of the nation, respect the right of the pedestrians and conduct themselves in orderly manner and without undue noise making. In addition such vehicle should be registered with the University security Unit.
5. Eating and drinking must be done at appropriate designated places.
6. Loitering in and around the university premises after 12 midnight and before 6:00am shall not be tolerated student are, however, encouraged to make use of the library facilities and lecture theaters/halls in preparation for examination).
7. There shall be no religious gathering, poster or any other religiously motivated action in or around the lecture halls, offices and laboratories except in places officially designated for religious activities and with an official approval of the school Authority.
8. There shall be no soliciting for alms within the vicinities of academic activities,

**(vi) Relationship with staff**

1. Students should not act in a manner that compromises their self integrity and Honour.
2. Students shall obey the academic instruction of the staff in a polite and respectful manner.
3. Students should be neat and well dressed when meeting with the Heads of Departments, Deans/Provost of the Faculties/College, Vice-Chancellor or any other University Official.
4. There should be no noise making around the offices, lecture halls and rooms, Health Center and Library.
5. When students object to or complain about any staff/departmental action, such objection/complaint should be brought to the notice of the Head of Department who if unable to resolve the crisis/issue shall refer the matter to the Dean of Student Affairs 24 hours after the complaint/objection was raised for appropriate solution.

**(viii) Dress Code for Students**

***Preamble***

The Ladoke Akintola University of Technology, Ogbomoso, continues to be determined to provide an all-round academic, intellectual and character moulding environment for its students in order to produce graduates that have been proved indeed both in character and academic excellence.

 The University is therefore concerned with the quality of social and cultural image portrayed both inside and outside the campus.

 Cleanliness, neatness, modesty, decency and appropriateness in dressing are important values which reflect individual dignity and sobriety through which students, as well as staff and Faculty represent the professional status of their respective disciplines.

 The saying that “the apparel oft proclaims the man” is a truism for everybody – men and women, boys and girls, old and young. Though the University is interested in its students being very fashionable in dressing and good in physical appearance, their dressing must, however, be in conformity to what is considered decent and appropriate for every occasion.

***Principles of Dress Code***

Current trends in Students’ style of dressing on University campuses (LAUTECH inclusive) tend to portray some form of deviance/aberrant norms of social/cultural behaviour. Indeed, most of these trends are either a passing fad, negative cultural trait or fanaticism, which actually should not be allowed in an academic environment such as ours.

***Dress Code***

Students should maintain cleanliness on campus and wearing of inappropriate outfits of any sort are to be discouraged and avoided.

For the avoidance of doubt, male and female students are not allowed to wear the following.

* 1. All tight-fitting clothes including skirts, trousers and blouses.
	2. All clothes which reveal sensitive parts of the body such as the bust, chest, belly upper arms and the buttocks. Example of such dresses are transparent clothing, “Spaghetti tops”, “Wicked Straps”, “Mono straps”, “Tubes”, and “Show me your belly”. Skirts and dresses with slits above the knees fall into this category.
	3. Outfits, such as, knickers and mini-skirts and dresses which are not, at least, knee-length.
	4. Outfits, such as, T-shirts, and jeans, black T-shirt, special arm-bands, special caps by males, special scarf and tattooed jeans by females which carry obscene and subliminal messages.
	5. Trousers, such as, hip-riders and low waist-jeans.
	6. Inappropriate outfits, such as, party-wear, beach-wear and bathroom slippers should not be worn to lectures.
	7. Traditional dresses that contravene the general dress code.
	8. In addition to the above:
1. Students should dress in a way that will not hide their identity. However, students who dress according to their religious dictates should be allowed for their fundamental Human rights. Such students should subject themselves for identification in examination halls, laboratories and libraries when the need arises.
2. Students may be allowed to put on religious/denominational dress, but it should conform to the acceptable principles of dress code already discussed.
3. Faculties and Departments which require special safety of protective dress modes, such as, apron, overalls, gloves, nose and head-covers should have them officially prescribed for their students.
4. Sports and Games wears for athletes, sportsmen and sportswomen should be officially prescribed for this category of students to be worn in sports and games areas.
5. The wearing of earrings and plaiting of hair by male students is banned.

***Matriculation and Graduation Ceremonies***

During matriculation and graduation ceremonies, students are expected to dress formally and wear academic gowns.

***Implementation***

1. Lecturers and Administrative staff are empowered to correct/exclude students from the lectures, library, examination halls, etc. and official business when they are not properly dressed.
2. Violators, depending on the specific circumstances, would be counseled and if necessary will face the Students’ Disciplinary Committee and have their records endorsed accordingly.

***Caution***

Any student who is found to contravene any of these dress code prescriptions will face immediate disciplinary action.

**SANCTIONS FOR VIOLATORS**

***1st Offender -*** Verbal warning and Counseling which would be recorded in any

appropriate medium.

**2nd Offender -** Warning letters issued to the student and copies of the letter to be

sent to the student’s parents, faculty and department of student.

**3rd Offender -** The violator be sent to the Students Disciplinary Committee for further

investigation and action. If such a violator is found guilty a suspension of one (1) semester be awarded.

**Rules Governing the Payment of Fees**

Students are expected to pay their stipulated tuition fees online at the LAUTECH Website using the interswitch enabled debit card at the beginning of each academic session.

 **Note further that:**

(a) Except where special permission has been granted in writing, no student whose fees for the session have not been paid will be admitted into the University. Students who claim to be on Scholarship or other awards will be expected to pay their fees in full at the time of registration. Such students should therefore endeavour to obtain from their sponsor(s) their full fees (in the form of certified Cheques payable to the Bursary Department, Ladoke Akintola University of Technology, Ogbomoso) before reporting at the University for registration.

(b) Students who are compelled to be absent from the University because they are unable to pay their stipulated fees stated above at the specified time will not be absolved from paying their fees for the period of such absence.

**STUDENT INFORMATION AND GUIDANCE SERVICES**

The Philosophy which guide the careers’ placement, Guidance and Counseling Unit in discharging it’s primary functions is to view the undergraduate years as one of the most crucial development periods in the lives of our students.

 During the first few years, the average student faces the task of taking some major steps towards maturity and adulthood. Generally, this involves establishing a clearer identity of himself/himself and his/her relationship to the world around him/her.

 The objectives of the information and guidance services are to facilities the development of students and to help them make the most of their University experience. Specifically, these may include counseling towards enhancing self-understanding, selecting appropriate educational and vocational goals, improving effectiveness in working towards these goals, increasing social competence and resolving personal difficulties which interfere with general functioning and development.

 The counseling process includes individual interviews with professionally trained counseling psychologists. The service is free and is available to all students. Appointments are arranged on an individual or group basis to suit students’ convenience. All information are strictly confidential. A service is supported by other resource personnel.

 The counseling staffs are there physically and online to assist students to make intelligent decisions regarding their time, money, skill, sex, vocation, education and social plans.

 The centre has made arrangements to assign each student to a counselor for consultation. Students needing academic assistance are encouraged to seek help before their problems become critical or chronic.

**HOSTEL ACCOMODATION**

Ladoke Akintola University of Technology is primarily non-residential for students and staff. To this end, each student is expected to arrange for his/her own accommodation. Assistance in locating housing is available in the student’s union offices. Financial arrangement for rooms and apartments are made on an individual basis between the student and the landlord/agent. Students are constantly reminded not to keep money in their rented quarters. They are also reminded to take home their costly luggages during vacations, semester breaks or any public holiday.

**CAMPUS SECURITY**

With increasing crime waves all over the country, even at the best of times, it has not been possible for the Nigerian police, with its limited manpower resources to provide all the security for life and property required by corporate communities like Ladoke Akintola University of Technology, Ogbomoso.

 To supplement the effort of the police, a University Units was created as far back as the inception of the University. The Security Unit is charged with the responsibility of the enforcement of all University bye laws and regulations in addition to protection of lives and properties on the campus.

 As a routine, all incidents such as crimes, disturbances, accidents fire outbreak e.t.c are first reported to the security unit, which deals with such report or direct appropriate cases to the police for investigation. The security unit is headed by an Assistant Chief Security Officer. A security man could be identified with a prescribed uniform.