

COURSES OFFERED BY THE DEPARTMENT OF NURSING

FIRST YEAR FIRST SEMESTER

AH 1101 English & Communication Skills I (Non-credit)

Language Development and Writing (English for Academic Purposes-EAP): Parts of speech, Use of parts of speech in medical context, the main sentence structures in English, Different kinds of phrases, Developing writing skills: schemata and static description. Listening: Introduction to basic listening skills: brain storming, identifying key words, note taking: pattern notes, linear notes, Practicing note taking- flow charts, tree diagrams, labeling diagrams, tables, etc. Reading: Surveying a text book, Skimming and scanning an article, Previewing an article, Identifying the main idea and the topic of a paragraph. Vocabulary: introducing dictionary skills, Phonetic symbols, Pronunciation, etc., Punctuations of sentences (using of capital letters). Speech: Greeting and introducing (self and others), Making requests, Asking for and giving permission, Offering help, Giving instructions and directions, Telephone skills. (Note: All four language skills: Reading, Writing, Listening and Speaking, are incorporated in teaching)
Assignments – 40% End semester -60%

AH 1102 Information Technology (Non-credit)

Fundamentals basic concept of computers, System Analysis and Design , Data Processing, Data Communication, Practical-Internet and E-mail, Web Page Development, Languages.
End semester: Theory – 50%, Practical – 50%

AH 1103 Basic Human Anatomy (Credits -02)

Organization of the human body, embryology, cardiovascular system, lymphatic system, respiratory system, digestive system, genito- urinary system, endocrine system, musculoskeletal system, nervous system, sensory organs.
Assignments – 25% End semester: Theory – 50%, Practical – 25%

AH 1104 Human Physiology I (Credits -02)

Organisation of the body for function, homeostasis, body fluids, blood, temperature regulation, growth and development, ageing, cardiovascular system, lymphatic system, respiratory system, digestive system, urinary system, reproductive system, pregnancy and lactation, endocrine system, musculo-skeletal system, nervous system, sensory organs.
Mid Semester -30% End semester:-70%

AH 1105 Sociology and Anthropology (Credits-01)

Introduction to Sociology, health and nursing, Fundamental concepts, social groups, Culture, Social control, Social problems, Anthropology
Continuous Assessment 25% End Semester Examination Theory 75%

AH 1106 Introduction to Psychology (Credits-02)

Introduction to psychology with an emphasis on health-related issues, major perspectives in psychology, psychology applied to nursing and health care in general, coping with stressful situations, promotion of attachment and bonding between infant and care giver.

Assignment 10% Mid Semester 30% End Semester 60%

AH 1107 Basic Biochemistry (Credits-02)

Structure and function of cell organelles, structure and function of carbohydrates, lipids, amino acids, proteins and nucleic acids, biochemical tests for identification of carbohydrates, lipids & proteins, pH and buffers, enzyme properties and kinetics, chemistry & function of haemoglobin, chemistry and functions of vitamins, plasma protein and their functions, metabolism of carbohydrates, lipids, proteins and amino acids, integration and regulation of metabolic pathways.

Mid semester -30% End semesters -70%

NS 1102 Communication Skills in Nursing (Credits-01)

Introduction Nurse- client therapeutic relationships, Self and self awareness; Therapeutic communication skills, Giving feedback Persuading; Expressing opinions, Empathy, Refusing unreasonable requests; Resolving conflict; guidelines Counseling, Team building and group process; Strategies for overcoming the obstacles Negotiating; Negotiating process; Empowering; Coaching

End Semester Examination T -100%

NS 1103 Fundamentals of Nursing – I (Credits-03)

Introduction to Nursing, Principles of Nursing Practice, introduction to nursing Process, - Nurse Patient Relationship, Communication, Barriers to communication, Therapeutic and non Therapeutic Communication Techniques, Standards of Nursing Practice, Patient Education, patient's unit, hygienic care ,personal hygiene and comfort

Mid Semester 10% End Semester Theory 30% Practical 60%

FIRST YEAR SECOND SEMESTER

AH 1201 English & Communication Skills II (Non-credit)

Language Development and Writing (English for Academic Purposes-EAP):Study of the use of verbs in detail (transitive/ intransitive, active/passive, types of verbs), Introduction to relative clauses, Laboratory report writing: present/past tense, active/passive voice, present perfect tense, modal auxiliary verbs, Dictation. Listening: Improving listening skills through subject based and general talks/mini-lectures/speeches, etc., Activities and exercises based on the above.Reading: Note making while reading, Reading comprehension-general and academic, Identifying contextual references, Rephrasing, Vocabulary development, and Individual loud reading.Prefixes and suffixes, Root words (Latin/Greek) related to medical terminology, Activities incorporated with reading lessons.Speech: Activities consolidated with parallel

Grammar, Reading and Listening lessons. (Note: All four language skills: Reading, Writing, Listening and Speaking, are incorporated)

Assignments – 40% End semester -60%

AH 1202 Basic Statistics (Credits -02)

Description of statistics, organizing and displaying data ,summarizing data and variation, curve fitting, probability, simple regression and correlation, test of hypothesis and significance, student “t”, “F” and chi-square distributions, analysis of variance.

Assignments – 10% Mid semester -30% End semester -60%

AH 1203 General Pathology (Credits -02)

Introduction to general pathology, acute inflammation, chronic inflammation, cell damage, apoptosis , necrosis , gangrene, principles of fracture healing and complications, wound healing and complications, calcifications / degenerations, hypertrophy /atrophy / hyperplasia /metaplasia /dysplasia, immunology, neoplasia, tumour markers /molecular basis of tumours, ischaemia and infarction, thrombosis /embolism /atherosclerosis /oedema/ congestion and heart failure, pigmentation, genetic basis of disease.

Mid semester -25% End semesters -75%

AH 1204 Human Physiology II (Credits -02)

Body fluids, blood, heart and circulatory system, respiratory system, digestive system, urinary system, reproductive system, endocrine system, musculo-skeletal system, nervous system, special senses.

Mid semester -20% End semesters -80%

NS1201 Nursing Skills Practice II Credits: 01)

Patient assessment, asepsis and infection control, food serving. Principles of First Aid and bandaging, oral medication, patient admission

End Semester 100%

NS1202 Pharmacology 1 (Credits-01)

Introduction to Pharmacology: Drug Regulation and Approval; Drug classes and schedules; Drug Administration; Pharmacokinetics; Pharmacodynamics; Drug considerations across the lifespan: (Pregnancy, Pediatric, Geriatric); Holistic Pharmacotherapy; Herbal and Alternative Therapies: Legal and ethical considerations.

Mid Semester 20% End Semester 80%

NS1203 Fundamentals of Nursing II (Credits-03)

Nursing theory, Non- nursing theories used in Nursing, Functional health patterns as a framework for nursing, Nursing Process - Assessment Data Collection: Interview, Physical Assessment, Nursing Diagnosis, Outcome identification and Planning, Implementation and Evaluation, Documentation and Reporting, Life span development and nursing needs, Asepsis and Infection control, basic first aid techniques, oral medication procedure, admission, discharge and transfer, medico legal issues.

Mid Semester 10% End Semester Theory 30% Practical 60%

NS1204 Human Anatomy for Nurses (Credits-02)

Applied anatomy (all systems). Clinical application of cardiovascular system, digestive system, urinary system, reproductive system, nervous system, Anatomical regions, Introduction to microscopic Anatomy

Mid Semester 25% End Semester Theory 75%

NS1205 Nutrition (Credits-02)

Introduction – Nutrition in Relation to Health, Energy , Characteristics, classifications, digestion, absorption, utilization, sources, functions, deficiency of Carbohydrates, Proteins, Fats , Vitamins, Water and minerals. Dietary fibers. Nutritional status of Sri Lanka, Methods of assessing nutritional status, Nutrition throughout the life cycle, Meal planning, Selection, storage, preparation and preservation of food

Mid Semester 30% End Semester Theory 70%

NS1206 History, Ethics And Professional Adjustments (Credits-01)

Review the history of nursing, Definition of ethics, nursing profession and personality, professional adjustment, moral development, responsibility as a professional, leadership, and professional codes of ethics for nurses, ethical philosophy, nursing ethics, and analysis of an ethical dilemma, legal issues in nursing, torts and crimes, controlled substances.

Mid Semester 30% End Semester Theory 70%