

Table 2: Course Structure

YEAR 1 SEMESTER 1				
Module code	Module number	Module Name	Hours	Pre-requisites
COM 1103	1	Communication	30	-
CAN 1102	2	Applied Communication in Nursing	16	COM 1102, FNU 1110
MIM 1102	3	Microbiology and Immunology	18	ANP 1109
ANP 1109	4	Anatomy and Physiology	90	-
FNU 1110	5	Fundamentals of Nursing I	108	COM 1102
PSY 1102	6	Psychology	18	-
SOA 1101	7	Sociology and Anthropology	13	CAN 1102
RHM 1103	8	Introduction to RH and Midwifery	27	ANP 1109
MNH 1103	9	Maternal Newborn Health I	30	RHM 1102
CHN 1102	10	Community Health Nursing I	20	EHN 1103
EHN 1102	11	Environmental Health Nursing	16	MIM 1102
HVA 1101	12	HIV and AIDS	12	ANP 1109, MIM 1102, COM 1103, FNU 1111
SLP 1108	13	Skills Lab Practicum I	160	FNU 1111, RHM 1102
EDV 1102	14	Educational Visits	40	CHN 1102, SOA 1101
ANP 1104	15	Antenatal Clinic Practicum	80	RHM 1102, CAN 1102
LWP 1104	16	Labour Ward Practicum - I	80	RHM 1102, CAN 1102
MNP 1106	17	Medical Nursing Practicum - I	160	FNU 1111, CAN 1102, MIM 1102
SNP 1104	18	Surgical Nursing Practicum (general surgery)	80	FNU 1111, CAN 1102, MIM 1102
YEAR 1 SEMESTER 2				
Module code	Module number	Module Name	Hours	Pre-requisites
FNU 1203	19	Fundamentals of Nursing II	26	FNU 1111
FAI 1202	20	First Aid	20	ANP 1109, FNU 1111
TEB 1201	21	Trauma, Emergency and Basic Life Support	12	FAI 1202, ANP 1109, FNU 1111
CVN 1202	22	Cardiovascular Nursing	16	ANP 1109, FNU 1202, MIM 1102
HTN 1201	23	Hematological Nursing	12	ANP 1109, FNU 1202, MIM 1102
MSN 1202	24	Medical-Surgical Nursing	16	ANP 1109, FNU 1202, MIM 1102
SPR 1201	25	Specialized Procedures I	14	CVN 1202, HTN 1201, PUN 1201
PHA 1203	26	Pharmacology I	30	ANP 1109, MIM 1102
PUN 1201	27	Pulmonary Nursing	14	ANP 1109, MIM 1102
GSR 1203	28	Gender & Sexuality in Reproductive Health	30	MNH 1105, RHM 1102
MNH 1210	29	Maternal & Newborn Health Nursing II	97	MNH 1105, RHM 1102
FPR 1201	30	Family Planning & Reproductive	12	MNH 1105, RHM 1102

		Health		
CHN 1203	31	Community Health Nursing II	30	EHN 1103, CHN 1101
IMS 1202	32	Immunization	24	MIM 1102, PHA 1203, FNU 1111
HEP 1202	33	Health Promotion	20	COM 1103
HNT 1201	34	Human Nutrition	10	ANP 1109
SLP 1204	35	Skills Lab Practicum II	80	IMS 1202, MNH 1210
ANP 1208	36	Antenatal Ward Practicum	80	RHM 1102, CAN 1102
LWP 1204	37	Labour Ward Practicum II	160	LWP 1104, RHM 1102, CAN 1102, MNH 1210
MNP 1208	38	Medical Nursing Practicum II	160	CVN 1202, HTN 1201, MSN 1202, SPR 1201, PUN 1201, FNU 1202, PHA 1203
SNP 1204	39	Surgical Nursing Practicum II (general surgery)	80	MSN 1202, SPR 1201, HTN 1201, FNU 1202, PHA 1203
CHP 1212	40	Community Health Nursing Practicum (MCH/FP)	320	MIM 1102, RHN 1207, CHN 1202, IMS 1202

YEAR 2 SEMESTER 1

Module code	Module number	Module Name	Hours	Pre-requisites
PHA 2103	41	Pharmacology II	30	PHA 1203, FNU 1111
ABD 2102	42	Alimentary, Biliary and Dental Nursing	21	PHA 2103, SPR 1201, ANP 1109
RGU 2102	43	Renal and Genito -Urinary Nursing	20	SPR 1201, PHA 2103, ANP 1109
PRN 2101	44	Perioperative Nursing	10	ANP 1109, FUN 1110, MIM 1102, MSN 1202
PON 2101	45	Palliative Care & Oncology Nursing	16	CAN 1101, ANP 1109, FNU 1111, PHA 1203, PHA 2103, SPR 1201
GRH 2103	46	Gynaecology & Reproductive Health Nursing	30	ANP 1109, MNH 1208, RHM 1102
REM 2105	47	Research	50	COM 1103
COS 2101	48	Community Strategy	10	CHN 1101, CHN 1202
MNP 2108	49	Medical Nursing Practicum III	120	PHA 2103, ABD 2103, RGU 2102, ECN 2102, PCN 2101, SPR 2101,
OTP 2104	50	Operating Theatre Nursing Practicum	160	PON 2101, SPR 2101, FNU 1111, MIM 1102
CNP 2103	51	Casualty Nursing Practicum	120	TEB 1201, FAI 1202, MSN 1202
LWP 2104	52	Labor Ward Practicum II	160	MNH 2104
NBU 2103	53	Newborn Unit Practicum I	120	MNH 2104

YEAR 2 SEMESTER 2

Module code	Module number	Module Name	Hours	Pre-requisites
PEN 2204	54	Pediatric Nursing, ETAT+ & IMCI	38	ANP 1109, COM 1103, MIM

				1102, MSN 1202, PSY 1102
MHN 2203	55	Mental & Psychiatric Health Nursing	30	PSY 1102, PHA 1203, PHA 2103, COM 1103, ANP 1109, SOA 1101
ONU 2202	56	Orthopedic Nursing	14	SPR 2101, FNU 1111, ANP 1109, FAI 1202, PON 2101
ECN 2202	57	Endocrinological Nursing	15	ANP 1109, PHA 1203
ENT 2201	58	ENT Nursing	10	ANP 1109, SPR 2101, PRN 2101, HEP 1202
OPN 2201	59	Ophthalmic Nursing	10	ANP 1109, SPR 2101, HEP 1202
ONP 2204	60	Orthopedic Nursing Practicum	80	ONU 2208, FNU 1111
GNP 2208	61	Gynecological Nursing Practicum	80	RHN 2206
PNP 2212	62	Pediatric Nursing Practicum I	80	PEN 2204, ANP 1109, FAI 1202
MHP 2212	63	Mental Health Nursing Practicum	240	MHN 2203, COM 1103, PSY 1102, SOA 1101
NBU 2204	64	Newborn Unit Practicum II	160	MNH 2104
YEAR 3 SEMESTER 1				
Module code	Module number	Module Name	Hours	Pre-requisites
TME 3102	65	Teaching Methodology	24	COM 1103, PSY 1102, SOA 1101, CAP 1202
NUN 3101	66	Neurological Nursing	14	ANP 1109, MSN 1202, SPR 2101, PHA 2103, PHA 1203
DEN 3101	67	Dermatological Nursing	10	ANP 1109, MIM 1102, SPR 2101
GNH 3101	68	Gerontological Nursing & HBC	10	COM 1103, PSY 1102, SOA 1101, MHP 2212, PCN 2101
CAD 3102	69	Community Assessment & Diagnosis	20	CHN 1202, REM 2105, HEP 1202
EPI 3101	70	Epidemiology	10	CAD 3102, REM 2105
CVD 3105	71	Communicable & Vector-borne Diseases	50	CAD 3102, REM 2105
HSP 3101	72	Healthcare for special populations	10	CHN 1202, REM 2105
HSM 3107	73	Health Systems Management	70	COM 1103, CHN 1202, REM 2105
YEAR 3 SEMESTER 2				
Module code	Module number	Module Name	Hours	Pre-requisites
CHP 3202	74	Community Health Nursing Practicum II (Community Diagnosis)	80	COD 3105, REM 2105, DEM 3101, EPI 3101
CHP 3208	75	Community Health Nursing Practicum III (Rural Health Centre)	320	IMS 1202, HSM 3107, CHN 1101, CHN 1202, COS 2102
CHP 3204	76	Community Health Nursing Practicum IV (Sub county Health Experience)	160	IMS 1202, HSM 3107, CHN 1101, CHN 1202, COS 2102

PNP 3206	77	Pediatric Nursing Practicum	240	PEN 2204, HSM 3107, TEB 1201
PWP 3204	78	Postnatal Ward Practicum	160	MNH 1210, GSR 1203, FPR 1201
CNP 3202	79	Casualty Nursing Practicum	80	TEB 1201, FAI 1202, MSN 1202
GNP 3202	80	Gynaecology Nursing Practicum	80	MNH 1210, GSR 1203, FPR 1201

Course Description

Module Organisation for Year 1 Semester 1

Module 1: Communication

Code	:	COM 1103
Hours	:	30
Credits	:	3

Module Competence

This module is designed to enable the learner apply concepts and principles in communication for effective communication in their respective profession

Module Outcomes

By the end of this module, the learner should;

1. Apply various theories and models in the process of communication
2. Apply different modes of communication for effective communication
3. Implement the different patterns of communication
4. Listen actively
5. Write reports

Module Units

Number	Name	Hours	
		Theory	Practical
1	Introduction to communication	04	00
2	Modes of communication	10	00
3	Patterns of communication	04	02
4	Listening skills	04	00
5	Reading and writing skills	04	02

Module Content

Introduction to communication; communication, theories, models, elements, stages, processes and importance, One way-Two way communication, advantages, disadvantages, effective communication, characteristics, advantages and barriers to effective communication. **Modes of communication;** intrapersonal, interpersonal and mass communication, kinds of communication: oral, verbal, written, interview, public speaking, elements of non-verbal, importance of non-verbal. **Listening skills;** listening steps, levels of listening, barriers to effective listening skill,

improving listening skills **Patterns of communication**; patterns, direction of communication, strategies
to improving communication. **Reading and writing skills**; introduction to reading, reading techniques, critical reading and presentation soft skills training

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Research projects, Final Qualifying Examination.

References/Further Readings

Gopal, N. (2013). *Business Communication* New Delhi: New Age International Publishers.

Maina, S. (2014). *Communication skills edition for University and College Students*, Nairobi: The Mwituria Publishers

Nyaga, R., Njoroge D., & Nyambuga, C. (2015) *An introduction to communication*, London: Oxford University Press.

Sillars, S. (2009). *Success in Communication*. London: John Murray.

Module 2: Applied Communication in Nursing

Code	:	ACN 1102
Hours	:	22
Credits	:	2

Module Competence

This module is designed to enable the learner counsel clients/patients and apply critical thinking skills in the provision of quality and comprehensive nursing care to patients/clients.

Module Outcomes

By the end of this module, the learner should;

1. Apply critical thinking skills in provision of nursing care
2. Develop appropriate skills for counselling
3. Apply principles of student-centred learning for lifelong learning.
4. Apply information Technology in health services.
5. Apply principles of public relation in customer care

Module Units

Number	Name	Hours	
		Theory	Practical
1	Critical thinking skills and reflection	06	00
2	Counselling	04	00
3	Introduction to Student Centered Learning	02	00
4	Introduction to Information and Technology	04	00
5	Customer Care and Public Relations	06	00

Module Content

Critical thinking skills and reflection; critical thinking and reflection-skills, problem solving skills, principles and importance of critical thinking, reflective writing, application of theory to practice **Counselling;** theories of counselling, principles of counselling, process and skills techniques of therapeutic communication, nurse-patient relationship (phases and interpersonal skills) **Introduction to Student Centered Learning;** student centered vs traditional learning, lifelong learning, active vs passive learning, principles of self-directed learning and small group learning. **Customer care and public relation;** essentials, handling customers requests, managing telephone call, dealing with different customers, challenges, customer loyalty and customer relation attitude. **Introduction to Information and Technology;** word processing, spread sheet, PowerPoint presentation, introduction to computer accessories and internet, application of ICT in health care delivery systems and Teleconferencing

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Research projects, Final Qualifying Examination.

References/ Further Readings

Kaye, S. (2009). *Critical Thinking in Nursing-beginners guide, 13th edition*, Sydney: Elsevier

Maina, S. (2014) *Communication skills edition for University and College Students*, Nairobi: The Mwituria Publishers

Nursing Council of Kenya (2009) *Manual of clinical procedures, 3rd edition*, Nairobi: NCK

Nyaga, R., Njoroge, D. & Nyambuga, C. (2015) *An introduction to communication*, London: Oxford University Press

Skills lab National Coordination Centre (2006). *KRCHN Procedure Manual*, 2nd edition, Nairobi: Regal Press Kenya

Module 3: Microbiology and Immunology

Code	:	MIM 1102
Hours	:	18
Credits	:	2

Module Competence

This module is designed to enable the learner promote health, prevent illness, diagnose, manage and rehabilitate patients /clients suffering from infectious diseases

Module Outcomes

By the end of this module, the learner should;

1. Apply concepts in Microbiology for diagnosis and management of patients suffering from infectious diseases
2. Apply principles of immunology in management of patients/clients

Module Units

Number	Name	Hours	
		Theory	Practical
1	Microbiology	08	00
2	Immunology	10	00

Module Content

Microbiology; historical background, classification of micro-organisms, properties of microorganisms, clinical importance of microorganisms, sources of microorganisms, modes of transmission of infection, concept of infection (definition of terms related to infection, stages in development of an infection, common nosocomial infections). **Immunology;** types of immunity (humoral, cell-mediated, passive, active and herd immunity) antigen-antibody reaction, types of antibodies, modes of action of antibodies, complement system of immunity and immune reaction type 1,2 (anaphylaxis, hypersensitivity) nonspecific defences, specific immunity

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk & chalkboard, LCD Projector & laptop, Textbooks, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies:

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

A.K Chemtai. (2012). *Immunology 3rd edition*, Nairobi: Jomo Kenyatta Foundation

Arora D. R. & BrijBala A. (2011) *Microbiology for Nursing and Allied sciences, 2nd edition*, India: BS Publishers And Distributors PVT Ltd

Gupte S. (2011). *The Short Textbook of Medical Microbiology for Nurses, 2nd edition*, New Delhi: Jaypee Brothers

Waugh A. & Allison G. (2014) *Ross and Wilson Anatomy and physiology in Health and. illness, 12th edition*, Philadelphia: Elsevier

Module 4: Anatomy and Physiology

Code	:	ANP 1109
Hours	:	90
Credits	:	9

Module Competence

This module is designed to enable the learner predict physiological consequences within and between anatomical and physiological systems of the human body.

Module Outcomes

By the end of this module, the learner should;

1. Develop a vocabulary of appropriate terminology to effectively communicate information related to Anatomy & physiology
2. Relate the structure and function of body systems involved in support and movement.
3. Relate the structure and function of body systems involved in integration and coordination
4. Relate the structure and function of body systems involved in transport
5. Relate the structure and function of body systems involved in absorption and excretion
6. Relate the structure and function of the reproductive system

Module Units

Number	Name	Hours	
		Theory	Practical
1	Levels of organization	12	00
2	Support and movement	18	00
3	Integration and coordination	20	00
4	Transport	14	00
5	Absorption and excretion	20	00
6	Reproduction and development	06	00

Module Content

Levels of organization; introduction to anatomy and physiology, definition of terms, life characteristics, homeostasis, directional terms, planes, chemistry: atomic structure, chemical bonding, water, pH, organic chemistry, carbohydrates, lipids, proteins, nucleic acids; cell: (, cell structure, cell membrane, organelles, cytoskeleton, cell junctions, nucleus), protein synthesis, transcription, translation, gene regulation, cell division; tissues: epithelial, connective, nervous, muscular. **Support and movement;** integumentary system: types of membranes, skin, accessory organs, temperature regulation and other functions, aging; skeletal system: cartilage, bone structure, bone development, bone function, remodeling and repair, calcium homeostasis, organization, skull, vertebral column, thoracic cage, pectoral girdle, upper limb, pelvic girdle, lower limb; articulations: classes of joints, types of movements, selected joints; muscular system: muscle structure, skeletal muscles, smooth muscles and cardiac muscles, body musculature, muscle actions. **Integration and coordination;** functional organization: nervous system divisions, nervous system cells, synapse, action potential, impulse processing; central nervous system: meninges, spinal cord, spinal cord function, overview of the brain, development; peripheral nervous system: introduction, cranial nerves, spinal nerves, autonomic nerves structure and function; special sense: reception and sensations, somatic senses, sense of smell, sense of taste, sense of hearing, sense of balance, sense of sight; endocrine system - hormone action, types of hormones, hormone secretion, pituitary gland, thyroid gland, parathyroid gland, pancreas, adrenal glands. **Transport;** plasma, blood cells, haemostasis, blood grouping; cardiovascular system - heart, heart dynamics, heart regulation, histology, artery and arterioles, vein and venules, capillaries, blood pressure; lymphatic system: overview, lymph nodes, lymph organs, lymph movement. **Absorption and excretion;** overview, histology, mouth and pharynx, esophagus, stomach, small intestines, large intestines, accessory organs(liver, pancreas), nutrition: carbohydrates, proteins, lipids, vitamins and minerals, metabolic states; respiration: overview, respiratory organs, mechanics of breathing, control of external respiration, gas exchange, gas transport, measuring function; urinary system: organs, urine formation, kidney function control, body fluid regulation, urine elimination; water and electrolytes: body fluid distribution, fluid and electrolytes balance, acid base balance; **Reproduction and development;** male reproductive system structure and function, female reproductive system structure and function,) genetics.

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk & chalkboard, LCD Projector & laptop, Textbooks, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

Drake R., WayneVogl A. & Michell A. (2011). *Greys Textbook of Human Anatomy (2nd ed)*, Sydney: Elsevier Churchill Livingstone

Gerard P. T & Derrickson B. (2013). *Principles of Anatomy and Physiology, organization, support and movement and control of the human body (13th ed)*, international student version (Vol. 1 &2)

Guyton A.C. (2015). *Text book of Medical Physiology (13th ed)*, London: Churchill Livingstone

Netter, F. H. (2010). *Atlas of Human Anatomy (5th ed)*, Philadelphia: Saunders Elsevier

Rice, J. (2004). *Medical Terminology with Human Anatomy (5th ed)*, New Jersey: Prentice Hall

Waugh A., Allison G. (2014). *Ross and Wilson Anatomy and physiology in Health and illness, (12th ed)*, Philadelphia: Elsevier

Module 5: Fundamentals of Nursing I

Code	:	FNU 1111
Hours	:	111
Credits	:	11

Module Competence

This module is designed to enable the learner provide holistic nursing care using basic nursing skills, nursing theories and principles of infection prevention and control.

Module Outcomes

By the end of this module, the learner should;

1. Apply principles of professionalism in delivering nursing care
2. Apply the basic nursing theories in nursing practice
3. Apply principles of infection prevention and control in managing patients
4. Perform basic nursing procedures

Module Units

Number	Name	Hours	
		Theory	Practical
1	Professionalism	10	00
2	Theories of Nursing	08	00
3	Infection Prevention and Control	02	02
4	Basic Nursing Procedures	89	00

Module Content

Professionalism: professionalism and the nurse, history of nursing, factors influencing nursing education, the practice and scope of nursing, Code of ethics, *Nurses act Cap 257* of laws of Kenya and its relevance to Nursing practice; Medico-legal issues (Negligence, withdrawal or withholding treatment, euthanasia, Do Not Resuscitate (DNR), Advanced directives, assaults), various Nurses Bodies and Association (ICN, ECSACON, NCK, NNAK); elements of professionalism as related to nursing practice, accountability and responsibility, adaptation to innovations in the nursing profession, **Theories in nursing;** Virginia Henderson, Calister Roy, Dorothy Orem and Florence Nightingale, **Infection Prevention and Control;** Universal precautions, Standard precautions, waste segregation, Chain of infection and how to break the chain; Injection safety (management of needle stick injuries). **Basic Nursing Procedures;** history taking, physical examination, investigation, admission and discharge/transfer of patients; procedures bed making, types of beds and appliances, lifting and turning of patients (in bed from trolley to bed, from bed to chair or trolley), care of patients confined to bed, prevention of foot drop and postural deformity, positions used in nursing patients, types of feeding methods (nasogastric and parenteral), pressure area care, aseptic technique, drug administration, vital signs observations, measuring and recording fluid intake and output stages of death and dying (Kubler Ross), last offices, documentation and report writing, giving and receiving reports, patients hygiene (bed bath and mouth care), weighing and recording. Principles of biomedical ethics, (justice autonomy, beneficency and non-maleficiency)

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk & chalkboard, LCD Projector & laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, *Promotional examination.*

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

Hinkle, J & Cheerer, K. (2014) *Brunner and Suddarth's Textbook of Medical-Surgical Nursing (14th ed)*, Philadelphia: J.B. Lippincott Company.

Smith S.F., Duell, D.J. & Martin, B.C., (2008) *Clinical Nursing Skills: Basic to Advanced Skills* (7th ed), London: Pearson Education Ltd.

Timby, B.K. (2013). *Fundamental Nursing Skills and Concepts* (10th ed), Philadelphia: Wolters Kluwer/Lippincott Williams and Wilkins.

Module 6: Psychology

Code	:	PSY1102
Hours	:	18 Hours
Credits	:	2

Module Competence

This module is designed to enable the learner apply concepts of psychology in assisting patients/clients to promote health and prevent illness.

Module Outcomes

By the end of this module the learner should;

1. Apply concepts of psychology in managing clients/patients
2. Integrate theories of personality development with provision of nursing care
3. Manage patients with deviations in growth and development.

Module Units

Number	Name	Hours	
		Theory	Practical
1	Concepts of psychology	02	00
2	Theories of personality development	08	00
3	Human growth and development	08	00

Module Content

Concepts of psychology; definition of terms, historical background; scope of psychology
Theories of personality development; Maslow, Sigmund Freud, Pavlov, human behavior and social interactions, learning theories (classical conditioning, operant conditioning), instrumental conditioning observational cognitive avoidance and learning, motivation: theories, types. (review stages of death and dying) add cognitive theory of jean piagets, Normal sleep pattern.

physiological social and personal stress and coping, crisis and crisis intervention, mental defense mechanisms, Chomskys theory of language development, stages of language development,
Human growth and development; factors influencing growth and development, Theories of development (Erik Erickson psychosocial theory, Attachment theories by John Bowlby and Mary Ainsworth) domains of human development, factors influencing human development, stages of human development (prenatal development, neonatal, infancy, childhood, puberty, adolescence, adulthood, old age, aging, death and dying,

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role Plays

Teaching and Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

Frank, K. (2015). *Modern Psychology Simplified Hand Book for Undergraduates, Diploma and Certificate*. Nairobi: Project Support Information Consultant Series

Sharma R. N., & Sharma, R. (2006) *Child Psychology 2nd ed* India: Atlantic

Sreevant, R. (2013). *Psychology for Nurses, 2nd edition*, New Delhi: Jaypee Brothers Medical Publishers [P] Ltd.

Module 7: Sociology and Anthropology

Code	:	SOA 1101
Hours	:	13
Credits	:	1

Module Competence

This module is designed to enable the learner apply concepts of sociology and anthropology in assisting patients and clients promote health, prevent illness, manage and rehabilitate patients

Module Outcomes

By the end of this module the learner should;

1. Utilize concepts of sociology and anthropology in delivery of healthcare services
2. Utilize the socialization process in enhancing group dynamics
3. Involve the family in promotion of health.

Module Units

Number	Name	Hours	
		Theory	Practical
1	Concepts of Sociology and Anthropology	04	00
2	Socialization Process	06	00
3	Family functions and types	03	00

Module Content

Concepts of Sociology and anthropology; definition of terms: man and culture, social groups, concepts, the relationship between social anthropology and health (sociology and nursing, medicine as a social science, contribution of sociology in modern health care), peace building, conflict resolution, negotiation process: social cultural beliefs and practices that affect health, social change and factors that influence it, religion (definition and functions). **Socialization process;** social stratification, social mobility, social change, social institutions and their relationship in provision of health care (religious/mission hospitals; Christian Health Association of Kenya, NGO's, policies (economic-cost sharing, national budget for health, political manifesto, sessional Paper No. 10) group dynamics (types of groups, group formation, importance of groups in healthcare) **Family Types:** types of families and their influence on health.

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays.

Teaching/Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters Procedure Manuals.

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

Elaine D. and Earle S. (2013). *Sociology for Nurses*, 13th edition, New York: Lippincott Williams and Wilkins

Hinkle, J and Cheerer, K. (2014). *Brunner and Suddarth's Textbook of Medical-Surgical Nursing (14th ed)*, Philadelphia: J.B. Lippincott Company

Module 8: Introduction to Reproductive Health and Midwifery

Code	:	RHM 1103
Hours	:	27 Hours
Credits	:	3

Module Competence

This module is designed to enable the learner apply concepts of RH in provision of quality maternal and newborn care.

Module Outcomes

By the end of this module, the learner should;

1. Explain the background and milestones of reproductive health and Midwifery practice
2. Relate the structure and function of male and female reproductive systems
3. Provide health care services to a pregnant woman.

Module Units

Number	Name	Hours	
		Theory	Practical
1	History of Reproductive Health and Midwifery	05	00
2	Anatomy and Physiology of Reproductive System	14	00
3	Embryology	08	00

Module Content

History of Reproductive Health and Midwifery; terminologies and concepts in reproductive health, policies, standards and guidelines history and background of reproductive health and midwifery (Global, Regional and Kenya) (ICPD, safe motherhood initiative, NRHP, MDG, SDG, Beyond Zero), elements of quality care in reproductive health services, components of reproductive health **Anatomy and physiology of reproductive system;** male reproductive system: structure and physiology of male reproductive system (scrotum, testis, spermatogenesis, epididymis, vas deferens, spermatic cord, seminal vesicle, ejaculatory ducts, prostate glands, bulbs urethral gland, penis), female reproductive system: structure and functions female pelvis, pelvic bones, joints, ligaments, diameter, muscles, types of pelvis, female reproductive organs structure and functions (external genitalia, vagina, fallopian tubes, uterus, ovaries), anatomical relations of the female reproductive organs to urethra, bladder, rectum, anus, menstrual cycle, female breast, physiology of lactation. **Embryology;** fertilization, implantation, embryology, placenta, fetal development; Fetal skull, fetal circulation, amniotic fluid and umbilical cord,

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals.

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

Fraser, D, Cooper, M and Nolte, A. (2013) *Myles Textbook for Midwives, 18th Ed. USA:* Churchill Livingstone.

Ministry of Health (2002) *Essential Obstetric Care Manual for Health Service Providers in Kenya A Safe Motherhood Initiative*, Ministry of Health, Kenya

Module 9: Maternal and Newborn Health I

Code	:	MNH 1103
Hours	:	30 Hours
Credits	:	3

Module Competence

This module is designed to enable the learner provide quality care to the pregnant woman during pregnancy, labour and puerperium.

Module Outcomes

By the end of this module the learner should;

1. Provide care to a woman before and during pregnancy
2. Provide care to a woman during labour
3. Provide care to a woman in puerperium
4. Provide care to the newborn.

Module Units

Number	Name	Hours	
		Theory	Practical
1	Normal Pregnancy	04	00
2	Normal Labour	14	00
3	Normal Puerperium	06	00
4	Normal Newborn	06	00

Module Content

Normal pregnancy; Preconception care, diagnosis of pregnancy (presumptive, probable and positive) physiological changes in pregnancy, ante natal care, (pillars and concepts in MNH (pre-conception care, FANC), minor complications during pregnancy and their management **Normal labour;** concepts, onset, stages of labour, duration, physiology of stages of labour, mechanism of normal labour, management of normal labour(the partograph, pain relief, (pharmacological and non pharmacological), EMTCT) **Normal puerperium;** concepts, physiological changes, targeted postnatal care, physiology of lactation, infant feeding methods (exclusive breast feeding, cup and spoon), minor complications of puerperium. **Normal Newborn;** characteristics of a normal newborn, APGAR scoring, essential newborn care (feeding, warm chain, clean chain, Kangaroo mother care, first examination, daily physical examination, subsequent baby care, Essential Newborn Care, minor complications of the newborn, care of eyes, cord care.

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays.

Teaching/Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination.

References/Further Readings

Fraser, D, Cooper, M. and Nolte, A. (2013) *Myles Textbook for Midwives, 18th ed.* USA: Churchill Livingstone

Ministry of Health (2002). *Essential Obstetric Care Manual for Health Service Providers in Kenya. A Safe Motherhood Initiative* Ministry of Health, Kenya

Module 10: Community Health Nursing I

Code	:	CHN 1102
Hours	:	20
Credits	:	2

Module Competence

This module is designed to enable the learner provide nursing care to the community

Module Outcomes

By the end of this module, the learner should;

1. Utilize the concepts and principles in community health nursing service provision
2. Provide family nursing care
3. Practice within the scope of community health Nursing

Module Units

Number	Name	Hours	
		Theory	Practical
1	History, concepts and principles of community health nursing	04	00
2	Family health	06	00
3	Legal aspects of community health	10	00

Module Content

History, concepts and principles of community health nursing; globally, regional, national concepts of community health nursing; definition of terms , philosophy, nature, assumptions and beliefs, significance, scope, goals, guidelines and standards, functions , characteristics of a community ,community subsystems. philosophy, nature, assumptions and beliefs, significance, principles of community health nursing (Alma Ata Declaration 1978, Hentch 1995) aims of community health nursing, goals of community health nursing, the relationship between an individual, family and community, functions of a community, activities of community health nursing, characteristics of a successful community health programme, healthy community, community problems, roles and functions of a community health nurse. **Family Health;** definitions (family, family health, family health nursing, family processes, family centred nursing), determinants of family health, approaches to family health. types of families, characteristics of families, health tasks of the family, roles of a family, roles of siblings, functions of a family, family developmental tasks, nursing process in family health, home

visiting in family health, patients/clients rights. **Legal aspects of community health;** sources of law, constitution of Kenya chapter 4 bill of rights, acts relating to health (children's act, criminal penal code, prisons act, public health act, Food Drug and Chemicals Substances Act, young person's Act, marriage Act).

Teaching Strategies

Interactive Lectures, Group Discussion, Case Studies

Teaching/Learning Resources

Text Books, Internet, Overhead projector, LCDs, Handouts, White Boards, White Board Marker Pens, Chalk board

Assessment Strategies

Formative: Quizzes, Assignments, RATs, CATs, Case presentations, Case studies, End of semester examinations, Promotional examinations, Clinical assessments.

Summative: Clinical Assessment, Research Defence, Final Qualifying Examination

References/Further Readings

Covey, F. (2004). *The Seven Habits of Highly Effective People: Powerful Lessons in Personal change*. New York: Simon and Schuster

Government of Kenya (2007) *Kenya Vision 2030*, Nairobi: Government Printers,

Kotter, J., Cohen, D. (2003). *The heart of Change: Real life stories of how people change their organizations*. Boston: Harvard Business School Press.

MOH Kenya Health Investment and Plan, 2012-2017

Module 11: Environmental Health Nursing

Code	:	EHN 1102
Hours	:	16
Credit	:	2

Module Competence

This module is designed to enable the learner promote health and prevent diseases.

Module Outcomes

By the end of the module, the learner should;

1. Participate in promoting environmental health
2. Participate in preventing occupational related illnesses and hazards

Module Units

Number	Name	Hours	
		Theory	Practical
1	Concepts of environmental health	10	00
2	Occupational health and safety	06	00

Module Content

Concepts of Environmental Health; definitions, types of environment and their effects: biological, physical, social- cultural, political, economic, effects of food safety and hygiene, types of food safety and hygiene, methods of food preservation and storage, food control, food poisoning, food production, inspection of food premises, diseases spread by contaminated food, water: types, sources of water contamination, protection methods, purification, diseases spread by contaminated water: water-washed, water-borne, water-related, housing: housing conditions, diseases caused by poor housing, excreta disposal: methods of excreta disposal, diseases caused by poor excreta disposal, refuse disposal methods, air and ventilation: types of ventilation, estimation of amount of fresh air required, methods and diseases, pollution (definition, types of pollution, prevention of pollution, diseases), vectors and vermin control (types- flies, rodents, snails, mosquitoes, fleas, bedbugs, ticks, lice), leadership and power structure, rural and urban communities, Public Health Act. **Occupational health and safety;** Definition, occupational hazards, Occupational Health and Safety Act, water treatment, slaughter house, sewage treatment, refuse disposal sites, food processing. Role of a nurse in occupational health.

Teaching Strategies

Interactive Lecture, Group Discussion, Field Trips

Teaching and Learning Resources

Text Books, Internet, Overhead projector, LCDs, Handouts, White Boards, White Board Marker Pens, Chalk board

Assessment Strategies

Formative: Quizzes, Assignments, RATs, CATs, Case presentations, Case studies, End of semester examinations, Promotional examinations, Clinical assessments.

Summative: Clinical Assessment, Final Qualifying Examination

References/Further Readings

Basavanthappa, B. (2013). *Community Health Nursing, (2nd Ed)*, New Delhi: Jaypee Brothers Medical Publishers.

Rukunga, G. (2010). *Environmental Health for East Africa (4th Ed)*, Nairobi

MOH, Kenya. (2012). *Kenya Health Investment and Plan, 2012-2017*

Wood, C. (2014). *Community Health Nairobi: AMREF*

Module 12: HIV and AIDS

Code	:	HVA 1101
Hours	:	30
Credits	:	1

Module Competence

This module is designed to enable the learner develop self-awareness in prevention and risk assessment of HIV/AIDS to effectively contribute to the national HIV response.

Module Outcomes

By the end of this module, the learner should;

1. Apply the knowledge of epidemiology of HIV in preventing infection
2. Identify risks associated with exposure to HIV/AIDS
3. Demonstrate a positive attitude towards HIV/AIDS management
4. Provide health education to PLWHA on prevention of opportunistic infections
5. Monitor patients for ARV drug interactions
6. Provide nutritional education to clients/patients suffering from HIV/AIDS
7. Provide HIV/AIDS counselling to clients/patients.
8. Manage patients with reproductive tract conditions STI/RTI

Module Units

Number	Name	Hours	
		Theory	Practical
1.	Fundamentals of HIV and AIDS	04	00
2.	Prevention of HIV Infection and Post Exposure Prophylaxis	04	00
3.	Behaviour Change Communication and Attitude Training	06	04
4.	Opportunistic Infections	04	00
5.	HIV Treatment and Monitoring	02	00
6.	Nutrition in the context of HIV and AIDS	04	00
7.	HIV Testing and Counselling (HTC)	02	00
8.	RTI/STI	06	00

Module Content

Fundamentals of HIV and AIDS; history, epidemiology and transmission of HIV; Definition of common terms (HIV, AIDS, PLWHA etc.), history of the HIV pandemic, epidemiology of HIV globally, regionally and nationally, HIV types and subtypes and their distribution, modes of HIV transmission and key risk factors (Sexual contact, IDU, blood transfusion, MTCT, occupational exposure) impact of HIV and AIDS on the individual, community, nation, global HIV infection and disease progression (review the immune system, the HIV life cycle, effects of HIV on the immune system, WHO classification system of HIV Infected adults and adolescents; phases of HIV infection). **Prevention of HIV infection and Post Exposure Prophylaxis;** risk factors for the sexual transmission of HIV, approaches to risk assessment, safe sex education, Post Exposure Prophylaxis and Universal Precautions, introduction to PMTCT (Maternal factors that increase the risk of MTCT of HIV, the four core elements of PMTCT, eMTCT, considerations for infant feeding in the context of a PLHIV mother), VMMC, PrEP and early

treatment. **Behavior Change Communication (BCC) and Attitude training;** definition of terms and BCC, the BCC theories, framework for BCC design, goals of BCC, guiding principles of BCC, the BCC strategy development and planning. **Attitude training;** risks exploration, previous and current risks and predisposing factors, vulnerability and prevention, networking, fluid exchange attitude and cultural practices, attitude and beliefs towards HIV/AIDS ,cultural practices, ethical issues related to disclosure. **Opportunistic Infections;** introduction to opportunistic infections, common HIV-related opportunistic infections (respiratory, GIT, dermatological, neurological, haematological, HIV associated malignancies and ocular manifestations), general prevention of opportunistic infections. **HIV treatment and monitoring;** anti-retroviral therapy (Classification of anti-retroviral [ARV] drugs: mode of action of ARVs, drug-drug interactions/drug- food interactions, Adverse drug reactions/events associated with anti-retrovirals, take-home messages). **Nutrition in the Context of HIV AND AIDS;** introduction to nutrition, effects of HIV disease progression on nutrition, effects of nutrition on HIV disease progression, goals of nutritional care and support for PLHIV, components of nutritional care and support for PLHIV, nutritional management, management of drug and food interactions, common modern and traditional nutritional therapies. **HIV Testing and Service (HTS);** the role of HTS as an entry point for other HIV services, the HTS approaches in various clinical setting, considerations made in HTS for special groups, e.g., couples, groups, youth.(types of testing). **RTI/STI;** definitions, trends, policies, classifications, predisposing factors, clinical manifestations, diagnosis, management, complications, prevention and control, HIV/AIDS: definitions, trends, policies, diagnosis, management, complications, prevention, control, syndromic approach in management (syphilis, chancroid, gonorrhoea, lymphagranuloma, candidiasis, trichomoniasis, vaginitis and urethral discharge. behavior change for STI/HIV/AIDS, attitude change, counseling, effects of the HIV/AIDS and STI's, on the individual, family, community and nation to include: physical, psychosocial, spiritual, socio-economic factors, of sexual health into holistic care.

Teaching Strategies

Group Discussions, Lectures, Demonstrations, Role plays

Teaching/Learning Resources

Chalk and chalkboard, LCD Projector and laptop, Text books, Manikins, Flip charts, Posters, Procedure Manuals

Assessment Strategies

Formative: CATs, RATs, Assignments, Case Presentations, Mid-Semester Examination, Promotional examination.

Summative: OSCE, Clinical assessment, Final Qualifying Examination

References/Further Readings

Basavanthappa B. (2015). *Medical- Surgical Nursing (3rd Ed. vol.1 and 2)* New Delhi: Health Sciences Publisher.

Hinkle, J and Cheerer, K (2014) *Brunner and Suddarth's Textbook of Medical-Surgical Nursing 14th ed.* Philadelphia: J.B. Lippincott Company

MOH, Kenya. (2010). *National guidelines for HIV testing and counseling in Kenya* Nairobi: NASCOP