# SEMESTER CONTENT OUTLINE FOR DIPLOMA NURSING EXTENSION

## DIPLOMA NURSING EXTENSION

### YEAR ONE, SEMESTER ONE

<table>
<thead>
<tr>
<th>Paper code</th>
<th>Module Units</th>
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</thead>
</table>
| DNE111     | Foundations of Nursing (III)  
Subtopic: Apply nursing process to the management of patients  
Subtopic: Administer prescribed medicine appropriately |
| DNE 112    | Medical Nursing (III)  
**Topic: Perform specialized nursing care**  
Subtopic: Perform Shortening and removal of drains  
Subtopic: Perform Colostomy Care  
Subtopic: Prepare for Abdominis Parecentesis (Abdominal Tapping)  
Subtopic: Prepare for Lumbar Puncture  
Subtopic: Perform Gastrostomy Feeding  
Subtopic: Carry out gastric Lavage  
Subtopic: Perform Tracheostomy Care  
Subtopic: Ophthalmology  
Subtopic: Care of the patients’ ears  
Subtopic: Peri-Operative care  
Subtopic: Orthopedic Nursing care  
Subtopic: Prepare for neural assessment |
|            | **Topic: Conditions affecting the nervous system**  
Subtopic 4.8.1: Applied anatomy and Physiology of the nervous system  
Subtopic 4.8.2: Trigeminal neuralgia  
Subtopic 4.8.3: Bell’s palsy  
Subtopic 4.8.4: Parkinson’s disease |
|            | **Topic: Medical conditions affecting the endocrine system**  
Subtopic 4.9.1: Applied anatomy and physiology of the endocrine system  
Subtopic 4.9.2: Acromegally/Gigantism (Hyperpituitarism)  
Subtopic 4.9.3: Dwarfism (Panhypopituitarism)  
Subtopic 4.9.4: Addison’s disease (Adrenal insufficiency)  
Subtopic 4.9.5: Pheochromocytoma  
Subtopic 4.9.6: Cushing’s syndrome  
Subtopic 4.9.7: Hyperaldosteronism |
**Topic: Medical diseases affecting the renal system**
- Subtopic 4.10.1: Urinary tract infections
- Subtopic 4.10.2: Polycystic Kidney disease (PKD)
- Subtopic 4.10.3: Kidney stones

**Topic: Conditions of the lymphatic system**
- Subtopic 4.11.1: Anatomy and Physiology of Lymphatic system
- Subtopic 4.11.2: Lymphedema
- Subtopic 4.11.3: Lymphangitis and lymphadenitis
- Subtopic 4.11.4: Hodgkin’s disease

**Topic: Conditions of the musculo-skeletal system**
- Subtopic 4.12.1: Tendonitis
- Subtopic 4.12.2: Rheumatoid arthritis
- Subtopic 4.12.3: Osteo arthritis
- Subtopic 4.12.4: Gout
- Subtopic 4.12.5: Bursitis
- Subtopic 4.12.6: Ankylosing spondylitis
- Subtopic 4.12.7: Systemic Lupus erythematosus (SLE)
- Subtopic 4.12.8: Osteoporosis
- Subtopic 4.12.9: Paget’s disease
- Subtopic 4.12.10: Dermatitis
- Subtopic 4.12.11: Acne vulgaris
- Subtopic 4.12.12: Psoriasis
- Subtopic 4.12.13: Herpes zoster
- Subtopic 4.12.14: Onychomycosis
**Surgical Nursing III and Paediatric Nursing II**

**Surgical Nursing III**

**Topic: Surgical conditions of the Ear, Nose, and Throat (ENT)**
- Subtopic 4.6.1: Common tumours of ear nose and throat (ENT)
- Subtopic 4.6.2: Adenitis
- Subtopic 4.6.3: Nasal Polyps
- Subtopic 4.6.4: Peritonsillar
- Subtopic 4.6.5: Tonsillitis
- Subtopic 4.6.6: Otitis Media
- Subtopic 4.6.7: Adenoid Hypertrophy
- Subtopic 4.6.8: Furunculois
- Subtopic 4.6.9: Foreign bodies of Ear, Nose and Throat (ENT)
- Subtopic 4.6.10: Epistaxis

**Topic: Conditions of the eye**
- Subtopic 4.7.1: Conjunctivitis
- Subtopic 4.7.2: Trachoma
- Subtopic 4.7.3: Stye
- Subtopic 4.7.4: Foreign body in the eye
- Subtopic 4.7.5: Eye trauma
- Subtopic 4.7.6: Glaucoma
- Subtopic 4.7.7: Corneal ulcers
- Subtopic 4.7.8: Catarract

**Paediatric Nursing II**

**Topic: Paediatric condition of the respiratory system**
- Subtopic 4.17.1: Respiratory distress syndrome
- Subtopic 4.17.2: Broncho pulmonary dysplasia/ chronic lung disease
- Subtopic 4.17.3: Meconium aspiration
- Subtopic 4.17.4: Pulmonary haemorrhage
- Subtopic 4.17.5: Apnoea
- Subtopic 4.17.6: Pneumonia
- Subtopic 4.17.7: Asthma

**Topic: Paediatric conditions of the cardio vascular system**
- Subtopic 4.18.1: Sickle cell disease
- Subtopic 4.18.2: Pericarditis
- Subtopic 4.18.3: Rheumatic heart disease.

**Topic: Neurological disorders in children**
- Subtopic 4.19.1: Congenital toxoplasmosis
- Subtopic 4.19.2: Intracranial haemorrhage
Subtopic 4.19.3: Hypoxic Ischemic encephalopathy

**Topic Genital urinary conditions in children**
- Subtopic 4.20.1: Acute Glomerulo-nephritis
- Subtopic 4.20.2: Nephrotic syndrome.
- Subtopic 4.20.3: Nephritic syndrome
- Subtopic 4.20.4: Hydrocele

**Topic: Bone conditions**
- Subtopic 4.21.2: Osteopenia of prematurity (metabolic bone diseases)
- Subtopic 4.21.3: Osteomyelitis
- Subtopic 4.21.4: Osteo-genesis imperfecta

**Topic: Managing children living with HIV /AIDS**
- Subtopic 4.22.2: Clinical manifestation of HIV / AIDS in children
- Subtopic 4.22.3: Opportunistic infections in children
- Subtopic 4.22.4: Treatment of HIV/AIDS in children (ARV therapy)
- Subtopic 4.22.5: Prevention and control of HIV/AIDS
- Subtopic 4.22.6: Counseling in HIV/AIDS

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**Mental Health Nursing (II)**

**Topic: Psychiatric emergencies**
- Subtopic: Suicide and suicidal behaviour
- Subtopic: Violence and aggression of patients / clients
- Subtopic: Panic attacks/disorders
- Subtopic: Catatonic stupor syndrome in schizophrenic patients
- Subtopic: Status epilepticus

**Topic: Legal issues in psychiatry**
- Subtopic: Law and mental illness
- Subtopic: Patient/client’s rights
- Subtopic: Standards of care

**Topic: Mental health disorders in children**
- Subtopic: Attention deficit hyperactive disorders
- Subtopic: Mood disorders
- Subtopic: Suicide
Subtopic: Anxiety disorders
Subtopic: Post-traumatic stress disorder
Subtopic: Substance abuse
Subtopic: Eating disorders
Subtopic: Mental retardation

Pharmacology (III)

Topic: Drugs used in the reproductive system
  Subtopic 1.3.1: Gonadotropins
  Subtopic 1.3.2: Androgens
  Subtopic 1.3.3: Erectile function medicines

Topic: Oncological drugs
  Subtopic 1.4.1: Immunologic agents
  Subtopic 1.4.2: Immunostimulants drugs
  Subtopic 1.4.3: Antineoplastic drugs

Topic: Psychopharmacology
  Subtopic 1.5.1: Anxiolytics
  Subtopic 1.5.2: Hypnotics
  Subtopic 1.5.3: Mood stabilizers
  Subtopic 1.5.4: Anti-depressants
  Subtopic 1.5.5: Anti-psychotics
  Subtopic 1.5.6: Anti-convulsants

YEAR ONE, SEMESTER TWO

<table>
<thead>
<tr>
<th>Paper code</th>
<th>Module Units</th>
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<tbody>
<tr>
<td>DNE 121</td>
<td>Primary Health Care (PHC) and Community Based Health Care (CBHC)</td>
</tr>
</tbody>
</table>

Primary Health (Care PHC)

Topic: Introduction to Primary health care
  Sub Topic: Concepts of Primary Health Care
  Sub Topic: Principles, pillars and components/elements of Primary Health Care

Community Based Health Care (CBHC)
  Subtopic: Introduction to community based health care
  Subtopic: Community entry
### DNE 122

**Applied Research and Teaching Methodology**

**Applied Research**

**Topic: Introduction to nursing research**
- Subtopic: Introduction to research
- Subtopic: Terminologies
- Subtopic: Research Ethics
- Subtopic: Purpose of studying research
- Subtopic: Research techniques (Qualitative, quantitative and their approaches)

**Topic: Writing a research proposal and report**
- Subtopic: Formulation of research topics
- Subtopic: Background of study
- Subtopic: Literature review
- Subtopic: Methodology
- Subtopic: Conducting research
- Subtopic: Data Analysis
- Subtopic: Research report
- Subtopic: Presentation of research findings

**Teaching Methodology**

**Topic: Introduction to teaching methodology and Concept of education**
- Subtopic: Teaching and Learning process
- Subtopic: Teaching learning methods
- Subtopic: Communication and Human relations
- Subtopic: Teaching technology
- Subtopic: Assessment and Evaluation.

### DNE 123

**Palliative Care Nursing**

**Palliative Care Nursing**
**Topic: Palliative Care concepts**
- Subtopic: Principles of palliative care
- Subtopic: Importance of palliative care
- Subtopic: Roles of palliative care in Uganda
- Subtopic: Attributes of palliative care
- Subtopic: Preparation of family to make important decisions.

**Topic: The hospice concept**
- Subtopic: Hospice movement
- Subtopic: Philosophy of hospice
- Subtopic: Goals of hospice.
- Subtopic: Holistic care approach.

**Topic: Pain**
- Subtopic: Pain assessment
- Subtopic: Pain management
- Subtopic: Psychosocial support to terminally ill patients

**Topic: Palliative care emergencies**
- Subtopic: Severe uncontrolled pain.
- Subtopic: Spinal cord compression.
- Subtopic: Hypercalcemia.
- Subtopic: Hemorrhage.
- Subtopic: Superior Vena Cava Obstruction (SVCO).

**Topic: Symptoms of terminally ill patients**
- Subtopic: GIT (Nausea and vomiting, Diarrhea, Anorexia, Constipation, Hiccups)
- Subtopic: Respiratory system (Dyspnea / air hunger)
- Subtopic: Nervous system (Delerium, Depression, Nightmares,Insomnia)
- Subtopic: Integumentary system (Non- healing wound, Pruritis)

**Topic: Common conditions in palliative care**
- Subtopic: Anger.
- Subtopic: Spiritual needs
- Subtopic: Bereavement

**Topic: Ethics at the end of life**
- Subtopic: Hastened death
- Subtopic: Assisted death
- Subtopic: Advanced directives

**Topic: Terminal care**
- Subtopic: Near death awareness
- Subtopic: Grief
<table>
<thead>
<tr>
<th>DNE124</th>
<th>Disaster Management and Occupational Health and Safety</th>
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</thead>
<tbody>
<tr>
<td><strong>Disaster Management</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Topic: Disaster</strong></td>
<td>Subtopic: Natural disaster. Subtopic: Man made disaster.</td>
</tr>
<tr>
<td><strong>Topic: Disaster management.</strong></td>
<td>Subtopic: Roles played by each stakeholder as far as preparedness, response and recovery and mitigation are concerned. Subtopic: The stages of disaster management. Subtopic: Requirements for disaster preparedness.</td>
</tr>
<tr>
<td><strong>Topic: Disaster prevention</strong></td>
<td>Subtopic: Natural prevention Subtopic: Artificial prevention</td>
</tr>
<tr>
<td><strong>Occupational Health and Safety</strong></td>
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</tbody>
</table>
## YEAR TWO, SEMESTER ONE

<table>
<thead>
<tr>
<th>Paper code</th>
<th>Module Unit</th>
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<tbody>
<tr>
<td>DNE211</td>
<td>Paediatric Nursing (III)</td>
</tr>
</tbody>
</table>

**Topic: Medical conditions affecting the nervous system**
- Subtopic: Haemophilus influenza meningitis intersexual disabilities
- Subtopic: Seizures disorders
- Subtopic: Cerebral palsy

**Topic: Endocrine disorders affecting the children**
- Subtopic: Diabetes
- Subtopic: Thyrotoxicosis
- Subtopic: Precocious puberty

**Topic: Urinary disorders affecting the children**
- Subtopic: Nephrotic syndrome
- Subtopic: Nephritic syndrome
- Subtopic: Hydrocele

**Topic: Integumentary disorders of the skin**
- Subtopic: Atopic dermatitis
- Subtopic: Eczema
- Subtopic: Skin allergies
- Subtopic: Plant allergies
- Subtopic: Stings and bites

**Topic: Eye conditions**
- Subtopic: Glaucoma
- Subtopic: Visual impairment
- Subtopic: Congenital cataract
- Subtopic: Strabismus
- Subtopic: Eye injury and foreign bodies
- Subtopic: Eye infections
- Subtopic: Care of a child under-going eye surgery

**Topic: Conditions of the ear and Nose**
- Subtopic: Hearing impairment
- Subtopic: Removal of foreign bodies from the ear and nose
- Subtopic: Reyes syndrome

**Topic: Integrated Management of Childhood illnesses (IMCI)**
- Subtopic: IMCI strategy in health care
Subtopic: General danger signs
Subtopic: Assess and classify a sick child 2 months to 5 years
Subtopic: Assess and classify a sick young infant 0-2 months
Subtopic: Manage HIV/AIDS using IMCI approach

DNE 212

Gynaecology (II) and Reproductive Health (II)

Gynaecology (II)

Topic: Manage women with gynecological conditions
  Subtopic: Fibroids
  Subtopic: Congenital abnormalities of the reproductive organs.
  Subtopic: Prolapse of the uterus, cervix and bladder
  Subtopic: Ovarian cyst.

Reproductive Health (II)

Topic: Applied anatomy of the female and male reproductive organ
  Subtopic: Internal and external female reproductive organ
  Subtopic: The male reproductive organ

Topic: Adolescent reproductive health
  Subtopic: Adolescent health and development
  Subtopic: Adolescent friendly health services
  Subtopic: Adolescent sexual and reproductive health
  Subtopic: Vulnerable groups
  Subtopic: Community involvement in adolescent reproductive health

Topic: Family planning
  Subtopic: Family planning methods and their mode of action
  Subtopic: Management of family planning methods

Topic: Sexually transmitted infections (STI)
  Subtopic: Introduction to STI
  Subtopic: Syndromic management of STI
  Subtopic: Management of HIV/AIDS and hepatitis
  Subtopic: Post exposure prophylaxis (PEP and ARV’s)

Topic: Post abortal care
  Subtopic: Introduction to post abortal care
  Subtopic: Components of post abortal care
  Subtopic: Barriers to post abortal care
# Health Service Management

## Topic: Management
- Subtopic: Management theories and styles
- Subtopic: Human resource management
- Subtopic: Financial management
- Subtopic: Staff recruitment process
- Subtopic: Management of equipment and supplies
- Subtopic: Transport management.
- Subtopic: Management of Infrastructure
- Subtopic: Integrated disease response and surveillance
- Subtopic: Key government policies

## Topic: Leadership
- Subtopic: Leadership theories
- Subtopic: Team process
- Subtopic: Styles of leadership
- Subtopic: Conflict and conflict resolution
- Subtopic: Negotiation Skills

# Entrepreneurship

## Topic: concept of entrepreneurship
- Subtopic: Small business in the economy
- Subtopic: Entrepreneurship, the entrepreneur and the owner manager
- Subtopic: Innovation and the market place

## Topic: Creating entrepreneurial small business
- Subtopic: Business planning
- Subtopic: Successful, strategies for small business
- Subtopic: Start-ups and franchises (Permits/license)
- Subtopic: Buying an existing business
- Subtopic: Forming and protecting a business

## Topic: Managing people and resources
- Subtopic: Managing people and resources
- Subtopic: Marketing
- Subtopic: Money matters for small business
- Subtopic: Business exists and realizing value