

# Bachelor of Science Nursing (Honors)

## Syllabus – First Semester

### NURSING FOUNDATION-I

**Course Code: NUR2103**

**Credit Units-14**

**Course Description:** The course is designed to help the students to develop an understanding of the philosophy, objective, theories and process of nursing in various Supervised Clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques nursing and practice them in Supervised Clinical settings.

#### Course Contents

##### Module I

##### Introduction

- Concept of Health: Health – illness continuum
- Factors influencing health
- Causes and risk factors for developing illness
- Body defenses: Immunity and immunization
- Illness and illness Behavior, Impact of illness on patient and family
- Health Care Service: Health Promotion and Prevention Primary Care, Diagnosis, Treatment, Rehabilitation and Continuing Care
- Health care teams
- Type of health care agencies
- Hospitals: Types, Organization and Functions
- Health Promotion and Levels of Disease Prevention
- Primary health care and its delivery: Role of nurse

##### Module II

##### Nursing as a profession

- Definition and Characteristics of a profession
- Nursing:
  - ✓ Definition, Concepts, philosophy, objectives
  - ✓ Characteristics, nature and scope of nursing practice
  - ✓ Functions of nurse, Qualities of a nurse
  - ✓ Categories of nursing personnel
  - ✓ Nursing as a profession
  - ✓ History of Nursing in India
- Values: Definition, Types, Values Clarification and values in professional Nursing: Caring and Advocacy

- Ethics:
  - ✓ Definition and Ethical Principles
  - ✓ Code of ethics and professional conduct for nurses

### **Module III**

#### **Hospital admission and discharge**

- Admission to the hospital
  - ✓ Unit and its preparation admission bed
  - ✓ Admission procedure
  - ✓ Special considerations
  - ✓ Medico-legal issues
  - ✓ Roles and Responsibilities of the nurse
- Discharge from the hospital
  - ✓ Types: Planned discharge, LAMA and abscond, Referrals and transfers
  - ✓ Discharge Planning
  - ✓ Discharge procedure
  - ✓ Special considerations
  - ✓ Medico-legal issue
  - ✓ Roles and Responsibilities of the nurse
  - ✓ Care of the unit after discharge

### **Module IV**

#### **Communication and Nurse patient relationship**

- Communication: Levels, Elements, Types, Modes, Process, Factors influencing Communication
  - ✓ Methods of Effective Communication
    - Attending skills
    - Rapport building skills
    - Empathy skills
  - ✓ Barriers to effective communication,
- Helping Relationships (NPR) : Dimensions of Helping Relationships, Phases of a helping relationship
- Communicating effectively with patient, families and team members and maintain effective human relations with special reference to communicating with vulnerable group (children women, physically and mentally challenged and elderly )
- Patient Teaching : Importance, Purpose, Process, role of nurse and Integrating teaching in Nursing Process

### **Module V**

#### **Documentation and Reporting**

- Documentation : Purposes of Recording and reporting
- Communication within the Health Care Team,
- Types of records; ward records, medical / nursing records,
- Common Record-keeping forms, Computerized documentation
- Guidelines for Reporting: Factual Basis, Accuracy, Completeness, currentness, Organization, confidentiality
- Methods of Recording
- Reporting: Change of shift reports: Transfer reports, Incident reports
- Minimizing legal Liability through effective record keeping

### **Module VI**

## **Vital signs**

- Guidelines for taking vital signs:
- Body temperature :
  - ✓ Physiology, Regulation, Factors affecting body temperature,
  - ✓ Assessment of body temperature : sites, equipments and technique, special considerations
  - ✓ Temperature alterations: Hyperthermia, Heatstroke, Hypothermia
  - ✓ Hot and cold applications
- Pulse:
  - ✓ Physiology and Regulation, Characteristics of the pulse, Factors affecting pulse
  - ✓ Assessment of pulse: site, location, equipments and technique, special considerations
  - ✓ Alterations in pulse
- Respiration :
  - ✓ Physiology and Regulation, Mechanics of breathing.
  - ✓ Characteristics of the respiration , factors affecting respiration
  - ✓ Assessment of respirations :technique, special considerations
  - ✓ Alterations in respiration
- Blood Pressure:
  - ✓ Physiology and Regulation, Characteristics of the blood pressure , Factors affecting blood pressure
  - ✓ Assessment of blood pressure: Sites, equipments and technique, special considerations
  - ✓ Alterations in blood pressure
- Recording of vital signs

## **Module VII**

### **Health assessment**

- Purposes
- Process of Health assessment
  - ✓ Health History
  - ✓ Physical examination:Methods- Inspection, Palpation, Percussion, Auscultation, Olfaction
  - ✓ Preparation for examination: patient and Unit
  - ✓ General assessment
  - ✓ Assessment of each body system
  - ✓ Recording of health assessment

## **Module VIII**

### **Meeting needs of patient**

- Basic needs (Activities of daily living )
  - Providing safe and clean environment:
    - Physical environment: Temperature, Humidity, Noise, Ventilation, light, Odor, pests control
    - Reduction of Physical hazards: fire, accidents
    - Safety devices: Restraints, side rails, airways, trapeze, etc
    - Role of nurse in providing safe and clean environment
  - Hygiene:-
    - Factors Influencing, Hygienic Practice
    - Hygienic care: Care of the Skin-Bath and pressure points, feet and nail, Oral cavity, Hair Care, Eyes, Ears, and Nose
    - Assessment, Principles, Types, Equipments, Procedure, Special Considerations
    - Patient environment: Room, Equipment and linen, making patient beds

- Types of beds and bed making
- Comfort:-
  - Factors including Comfort
  - Comfort devices
- Physiological needs:
  - Sleep and Rest:
    - Physiology of sleep
    - Factors affecting sleep
    - Promoting Rest and sleep
    - Sleep Disorders
  - Nutrition:-
    - Importance
    - Factors affecting nutritional needs
    - Assessment of nutritional needs: Variables
    - Meeting Nutritional needs: Principles, equipments, Procedure and special considerations
      - ✓ Oral
      - ✓ Enteral: Naso/Orogastric, gastrostomy
      - ✓ Parenteral:

## Module IX

### Infection control in Clinical settings

- Infection control
  - ✓ Nature of infection
  - ✓ Chain of infection transmission
  - ✓ Defenses against infection: natural and acquired
  - ✓ Hospital acquired infection (Nosocomial infection)
- Concept of asepsis: medical asepsis, and surgical asepsis
- Isolation precautions (Barrier nursing):
  - ✓ Hand washing: simple, hand antisepsis (scrub)
  - ✓ Isolation: Source and protective
  - ✓ Personal protecting equipments: types, uses and technique of wearing and removing
  - ✓ Decontamination of equipment and Unit
  - ✓ Transportation of infected patients
  - ✓ Standard safety precautions (Universal precautions)
  - ✓ Transmission based precautions
- Biomedical waste management:
  - ✓ Importance
  - ✓ Types of hospital waste
  - ✓ Hazards associated with waste
  - ✓ Decontamination of hospital waste
  - ✓ Segregation and Transportation and disposal

### Examination Scheme:

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

**Text & References:****Text**

1. Barbara Kosier et al, *Fundamentals of Nursing Concepts and Procedure*, Addison Welsloy Publishing Co., 2007, Philadelphia
2. Potter and Perry, *Fundamentals of Nursing Concepts-Process and Practice*, C.V Mosby and Co., 1985, London.
3. Nancy Sr., *Principles and Practices of Nursing*, vol. I, II, NR Publishing Home, 1984, Indore

**References**

1. Brown Ammy Francis, *Medical Nursing*, W.B Saunders and Co., 2006, USA.
2. Esther McClain RN, *Scientific Principle of Nursing*, Current technical literature Publications, 1969, Bombay.
3. Virginia Henderson et al, *Principles and Practice of Nursing*, Mc Milan Publishing Co., London.
4. Elbert et al, *Scientific Principles in Nursing*, C. V Mosby and Co., 1974, USA.
5. Ann Marriner, *The Nursing Process- A Scientific Approach to Nursing Care*, C.V Mosby and Co., 1979.
6. HoodmarkRohweden, *Scientific Foundation of Nursing*, 3<sup>rd</sup> edition, J.B Lippincott Co., 1975,
7. Norman G. Kirby and Sliphen J Mather, Bailliers, *Hand Book of First Aid*, India Traveller Book Seller.
8. Lois Dakes, *Illustrations of Bandaging and First Aid*, E and S Livingstone Ltd, Teviot plane.

\* Latest editions of all the suggested books are recommended.

## ENGLISH LANGUAGE

**Course Code: NUR2104**

**Credit Unit-06**

**Course Description:** The course is designed to enable students to enhance ability to comprehend spoke and written English (and uses English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experiences.

**Course Contents****Module I**

- Review of Grammar

- Remedial study of Grammar Building Vocabulary
- Phonetics
- Public Speaking

#### **Module II**

- Read and comprehend prescribed course books

#### **Module III**

- Various forms of composition
  - Letter writing
  - Note taking
  - Precise writing
  - Nurses notes
  - Anecdotal records
  - Diary writing
  - Reports on health problems etc.
  - Resume /CV

#### **Module IV**

- Spoken English
  - Oral report
  - Discussion
  - Debate
  - Telephonic conversation

#### **Module V**

- Listening Comprehension
  - Media, audio, video, speeches etc.

#### **Module VI**

- Body Language
- Poise, Posture & Gait
- Personality Indicators
- Sitting (Men & Women),
- Standing (Men & Women)
- Eye Contact
- Anchoring Techniques

#### **Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage(%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

#### **Text & References:**

##### **Text**

1. Meena Sharma, *General English For Bsc Nursing*, Kumar Publication, New Delhi

2. Raman Chadha, *General English For Nurses*, Lotus Publication

**Reference Book**

1. Tikkoo, M. L., *Intermediate Grammar Usage and Composition*, Orient Longman Publication.
2. Sidhu, *An Intensive Course in English – A Remedial Work Book*, Orient Longman Publication.
3. Jain, R. C., *English Grammar and Composition*, Mac- Milan Publication.

\* Latest editions of all the suggested books are recommended.

## Syllabus – Second Semester

### NURSING FOUNDATION-II

**Course Code: NUR2202**

**Credit Unit-13**

**Course Description:** The course is designed to help the students to develop an understanding of the philosophy, objective, theories and process of nursing in various Supervised Clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques nursing and practice them in Supervised Clinical settings.

## Course Contents

### Module I

#### The Nursing Process

- Critical Thinking and Nursing judgment
  - Critical Thinking : Thinking and learning ,
  - Competencies, Attitudes for Critical Thinking, Level of critical thinking in Nursing
- Nursing Process Overview: Application in practice
  - Nursing process format: INC, current format
  - Assessment
    - ✓ Collection of Data: Types, Sources, Methods
    - ✓ Formulating Nursing judgment: Data interpretation
  - Nursing diagnosis
    - ✓ Identification of client problems
    - ✓ Nursing diagnosis statement
    - ✓ Difference between medical and nursing diagnosis
  - Planning
    - ✓ Establishing Priorities
    - ✓ Establishing Goals and expected Outcomes,
    - ✓ Selection of interventions: Protocols and standing orders
    - ✓ Writing the Nursing Care plan
  - Implementation the plan of care
  - Evaluation
    - ✓ Outcome of care
    - ✓ Review and Modify
  - Documentation and Reporting

### Module II

#### Meeting needs of patient

- Urinary Elimination
  - Review of Physiology of urine Elimination, composition and characteristics of urine
  - Factors Influencing Urination
  - Alteration in Urinary, Elimination
  - Types and collection of urine specimen: Observation, urine testing
  - Facilitating urine elimination: assessment, types, equipments, procedures and special considerations
  - Providing urinal/bed pan
  - Condom drainage
  - Perineal care
  - Catheterization
  - Care of urinary drainage
  - Care of urinary diversions
  - Bladder irrigation
- Bowel Elimination
  - Review of Physiology of Bowel elimination, Composition and characteristics of faces
  - Factors affecting Bowel elimination
  - Alteration in Bowl Elimination
  - Types and Collection of specimen of faces
  - Observation
  - Facilitating bowel elimination: Procedures and special considerations

- Passing of Flatus tube
- Enemas
- Suppository
- Sitz bath
- Bowel wash
- Care of Ostomies
- Mobility and immobility
  - Principal of Body Mechanics
  - Maintenance of normal body:Alignment and mobility
  - Factor affecting body Alignment and mobility
  - Hazards associated with immobility
  - Alteration in body alignment and mobility
  - Nursing interventions for impaired Body Alignment and
  - Mobility: assessment, types, devices used, method and Special considerations rehabilitation aspects
  - Range of motion exercises
  - Maintaining body alignment: Positions
  - Moving
  - Lifting
  - Transferring
  - Walking
  - Restraints
- Oxygenation
  - Review of Cardiovascular and respiratory Physiology
  - Factors Affecting Oxygenation
  - Alterations in Oxygenation
  - Nursing interventions in oxygenation: assessment,
  - Types equipment used, procedure and special considerations
  - Maintenance of patent airway
  - Oxygen administration
  - Suction
  - Inhalations: dry and moist postural drainage
  - Care of Chest drainage
  - Pulse-oximetry
  - CPR-Basic life support
- Fluid, Electrolyte, and Acid- Base Balances
  - Review of Physiological: Regulation of Fluid, Electrolyte, and Acid-Base Balances
  - Factors Affecting Fluid, Electrolyte, and Acid Base balances
  - Alterations in Fluid, Electrolyte, and Acid-Base Balances
  - Nursing interventions in fluid, Electrolyte, and Acid
  - Base Imbalances: assessment, types, and equipment, procedure and special considerations
  - Measuring fluid intake and output
  - Correcting fluid, Electrolyte Imbalance:
  - Replacement of fluids: Oral and Parenteral - Venipuncture, regulating IV Flow rates, changing IV solutions and tubing, Changing IV dressing
  - Administering Blood transfusion
  - Restriction of fluids
- Psychosocial Needs
  - Concepts of Cultural Diversity, Stress and Adaptation, Self –concept, Sexuality, Spiritual Health, Coping with loss, death and grieving

- Assessment of psychosocial needs
- Nursing intervention for Psychosocial needs
- Assist with coping and adaptation
- Creating therapeutic environment
- Recreational and diversional therapies

### **Module III**

#### **Administration of Medications**

- General
  - Principles/Considerations
  - Purpose of Medication
  - Principles: 5 rights, Special Considerations, Prescriptions, Safety in Administering Medications and Medication Errors
  - Drugs forms
  - Routes of administration
  - Storage and maintenance of drugs and Nurses responsibility
  - Responsibility
  - Broad classification of drugs
  - Therapeutic Effect, Side Effects, Toxic Effects, Idiosyncratic Reactions, Allergic, Reactions, Drug Tolerance, Drug Interactions,
  - Factors influencing drug Actions-Systems of Drug Measurement: Metric System, Apothecary System, Household Measurements, and Solutions.
  - Converting Measurements, Unit: Conversion within one system, Conversion between system, Dosage Calculation,
  - Terminologies and abbreviations used in prescriptions of medication
- Oral Drugs Administration : Oral, Sublingual and Buccal: Equipment, procedure
- Parenteral
  - General principles: decontamination and disposal of syringes, needles,
  - Type of parenteral therapies
  - Types of syringes, needles, cannula, and infusion sets
  - Protection from Needlestick injuries: Giving Medications with a safety syringes
  - Routes of parenteral therapies
  - Intradermal: purpose, site, equipment, procedure, special considerations
  - Subcutaneous: purpose, site, equipment, procedure, special considerations
  - Intramuscular: purpose, site, equipment, procedure, special considerations
  - Intra Venous: purpose, site, equipment, site, equipment procedure, special considerations
  - Advanced techniques: epidural, intrathecal, intraosseous, intraperitoneal, intraplural, intraarterial
  - Role of nurse
- Topical Administration:
  - Purposes, site, equipment, procedure, special considerations for
  - Application to Skin
  - Application to mucous membrane
  - Direct application of liquids-Gargle and swabbing the throat
  - Insertion of Drug into body cavity: Suppository/ medicated packing in rectum/vagina
  - Instillations:, Ear, Eye, Nasal, Bladder, Vaginal and Rectal
  - Irrigations: Eye, Ear, Bladder, Vaginal and Rectal
  - Spraying: Nose and throat
- Inhalation: Nasal, Oral, endotracheal / tracheal (steam, oxygen and medications)- purposes, types, equipment, procedure, special considerations
- Recording and reporting of medications administered

## **Module IV**

### **Meeting needs of perioperative patients**

- Definition and concept of perioperative Nursing
- Preoperative Phase
  - Preparation of patient for surgery
  - Intraoperative
  - Operation theatre Set up and environment
  - Role of nurse
- Postoperative phase
  - Recovery Unit
  - Post operative Unit
  - Postoperative care,
- Wounds: types, Classifications, wound Healing Process, Factors affecting Wound, Complications of Wound Healing
- Surgical asepsis
- Care of the wound: types, equipment , procedure and special considerations
  - Dressing, Suture Care,
  - Care of Drawings
  - Application of Bandages, Binders, Splints & Slings Heat and Cold Therapy

## **Module V**

### **Meeting special needs of the patient**

- Care of patients having alteration in
  - Temperature (hyper and hypothermia): Types, Assessment, Management
  - Sensorium (Unconsciousness): Assessment, Management
  - Urinary Elimination (retention and incontinence): Assessment, Management
  - Functioning of sensory organs: (Visual & hearing impairment)
  - Assessment of Self-Care ability
  - Communication Methods and special considerations
  - Mobility (physically challenged, cast), assessment of Self-Care ability: Communication methods and special considerations
  - Mental state (mentally challenged), assessment of Self-Care ability ;
  - Communication Methods and special considerations
  - Respiration (distress): types, Assessment
  - Comfort-(Pain)-Nature, Types, factors influencing Pain, coping Assessment management.
- Treatments related to gastrointestinal system; naso-gastric suction, gastric irrigation, gastric analysis

## **Module VI**

### **Care of terminally ill patient**

- Concepts of Loss, Grief, grieving Process
- Signs of clinical death
- Care of dying patient: special considerations
- Advance directives: euthanasia, will dying declaration, organ donation etc
- Medico-legal issues
- Care of dead body: equipment, procedure and care of Unit
- Autopsy

- Embalming

### Module VII

#### Professional Nursing concepts and practices

- Conceptual and theoretical models of nursing practice: Introduction to models-health belief model, health promotion model etc
- Introduction to Theories in Nursing:Peplau's, Henderson's, Orem's Neuman's,Rogar's and Roy's.
- Linking theories with nursing process

### Module VIII

#### Machinery, Equipment and linen

- Type: Disposables and reusable's- Linen, rubber goods, glass ware, metal, plastics, furniture machinery.
- Introduction:
  - Indent
  - Maintenance
  - Inventory

#### Examination Scheme:

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination

#### Text & References:

##### Text

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2. Potter and Perry, *Fundamentals of Nursing Concepts-Process and Practice*, C.V Mosby and Co., 1985, London.
3. Nancy Sr., *Principles and Practices of Nursing*, vol. I, II, NR Publishing Home, 1984, Indore

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1. Brown Ammy Francis, *Medical Nursing*, W.B Saunders and Co., 2006, USA.
2. Esther McClain RN, *Scientific Principle of Nursing*, Current technical literature Publications, 1969, Bombay.
3. Virginia Henderson et al, *Principles and Practice of Nursing*, Mc Milan Publishing Co., London.
4. Elbert et al, *Scientific Principles in Nursing*, C. V Mosby and Co., 1974, USA.
5. Ann Marriner, *The Nursing Process- A Scientific Approach to Nursing Care*, C.V Mosby and Co., 1979.
6. HoodmarkRohweden, *Scientific Foundation of Nursing*, 3<sup>rd</sup> edition, J.B Lippincott Co., 1975,
7. Norman G. Kirby and Sliphen J Mather, Bailliers, *Hand Book of First Aid*, India Traveller Book Seller,
8. Lois Dakes, *Illustrations of Bandaging and First Aid*, E and S Livingstone Ltd, Teviot plane.

\* Latest editions of all the suggested books are recommended.

# INTRODUCTION TO COMPUTERS

**Course Code: NUR2205**

**Credit Unit-05**

**Course Description:** The course is designed for students to develop basic understanding of use of computer and its applications in nursing.

## Course Contents

### Module I

#### Introduction

- Concepts of Computer
- Hardware and software; trends and technology
- Application of computer in nursing

### Module II

- **Introduction to disk-operating system**

- DOS
- Windows (all version)

- **Introduction**

- MS-Word
- MS-Excel with pictorial presentation
- MS-Access
- MS-Power point

### Module III

- Multimedia: types & uses
- Computer aided teaching & testing

### Module IV

- Use of Internet and e-mail

### Module V

- Statistical packages: types and their features

### Module VI

- Hospital Management System: Types and uses

### Practical

Clinical assignments to be done in Hospital/Unit/Ward.

- Practice in Unit/Hospital.
- Nursing Process record of patient
  - Simulated-1
  - Actual-1
- Role plays in simulated situations.
- Health Talk-1
- Nurses notes of presentation of the patient report of assigned patient-2/3.
- Lab practice.
- Measurement of vital signs of assigned patient.

- Simulated exercise on CPR maintain.
- Observation study-2
  - Department of Infection Control.
  - Department of CSSD.
- Collection of samples for culture.
- Clinical porting in infection control department and write report.
- Practice in Lab/Ward.

**Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage(%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

**Text & References:**

**Text**

1. Selvase j. karan, *Essentials of Computers and for Nurses*, Jaypee Publication, 2008, New Delhi.
2. N.C. Jain, *Computer for Nurses*, AITBS Publication

**Reference Books**

1. Singh, *Computer for Nurses Made Easy with CD ROM*, Jaypee Publication,, 2007, New Delhi.
2. Thacker Naveen, *Computer for Nurses with CD ROM*, JaypeePublication, 2007, New Delhi.

\* Latest editions of all the suggested books are recommended.

## **NURSING FOUNDATION I & II (PRACTICAL)**

**Course Code: NUR2206**

**Credit Unit-35**

**(Nursing Foundation-I: 15 Credits)  
(Nursing Foundation-II: 20 Credits)**

**Course Description:** The course is designed to help the students to develop an understanding of the philosophy, objective, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in Clinical settings.

### **Course Contents**

#### **Skills**

##### **Hospital admission and discharge (III)**

- Admission
- Prepare Module for new patient
- Prepare admission bed
- Performs admission procedure
  - New patient
  - Transfer in
- Prepare patient records

##### **Discharge/Transfer out**

- Gives discharge counseling
- Perform discharge procedure (Planned discharge, LAMA and abscond, Referrals and transfers)
- Prepare records of discharge /transfer
- Dismantle, and disinfect Unit and equipment after discharge / transfer

##### **Perform assessment:**

- History taking, Nursing diagnosis, problem list, Prioritization, Goals & Expected Outcomes, selection of interventions.
- Write Nursing Care Plan
- Gives care as per the plan

##### **Communication**

- Use verbal and non verbal communication techniques

##### **Prepare a plan for patient teaching session**

##### **Write patient report**

- Changes- of shift reports, Transfer reports, Incident reports etc.
- Presents patient report

##### **Vital signs**

- Measure, Records and interpret alterations in body temperature pulse, respiration and blood pressure.

##### **Health assessment**

- Health history taking

- Perform assessment :
  - General
  - Body systems
- Use various methods of physical examination
- Inspection, Palpation, Percussion, Auscultation, Olfaction
- Identification of system wise deviations

### **Prepare Patient's Unit:**

- Prepare beds:
  - Open, closed, occupied, operation, amputation,
  - Cardiac, fracture, burn, Dividend, & Flowers bed
- Pain assessment and provision for comfort

### **Use comfort devices**

#### **Hygienic care:**

- Oral Hygienic care:
- Baths and care of pressure points
- Hair wash, Pediculosis treatment

#### **Feeding**

- Oral, Enteral, Naso/Orogastric, gastrostomy and Parenteral feeding
- Naso-gastric insertion, suction, and irrigation

#### **Assisting patient in urinary elimination**

- Provides urinal/bed pan
- Condom drainage
- Perineal care.
- Catheterization
- Care of urinary drainage

#### **Bladder irrigation**

#### **Assisting bowel Elimination:**

- Insertion of Flatus tube
- Enemas
- Insertion of Suppository

#### **Bowel wash**

#### **Body Alignment and Mobility:**

- Range of motion exercises
- Positioning: Recumbent , Lateral (Rt/ Lt), Fowlers, Sims, Lithotomy, Prone, Trendelenburg position
- Assist patient in Moving, lifting, transferring , walking
- Restraints

#### **Oxygen administration**

#### **Suctioning: oropharyngeal, nasopharyngeal**

## **Chest physiotherapy and postural drainage**

### **Care of Chest drainage**

### **CPR- Basic life support**

### **Intravenous therapy**

### **Blood and blood component therapy**

**Collect/assist for collection of specimens for investigations Urine, sputum, faeces, vomitus, blood and other body fluids**

### **Perform lab test:**

- Urine: sugar, albumin, acetone
- Blood: sugar (with strip/gluco-meter)

### **Hot and cold applications:**

Local and general Sitz bath

### **Communicating and assisting with self-care of visually & hearing impaired patients**

### **Communicating and assisting with self-care of mentally challenged / disturbed patients**

### **Recreational and diversional therapies**

### **Caring of patient with alteration in sensorium**

### **Infection control**

- Perform following procedures:
  - Hand washing techniques
  - (Simple, hand antisepsis and surgical antisepsis (scrub)
  - Prepare isolation Module In lab/ ward
  - Practice technique of wearing removing personal protective equipment(PPE)
  - Practice Standard safety precautions (Universal precautions)

### **Decontamination of equipment and Module**

- Surgical asepsis:
  - Sterilization
  - Handling sterilized equipment Calculate strengths of lotions,
  - Prepare lotions
- Care of articles

### **Pre and post operative care:**

- Skin preparations for surgery: Local
- Preparation of post operative Unit
- Pre & post operative monitoring, teaching and counseling
- Care of the wound.
- Dressings, Suture Care, care of Drainage, Application of Bandages, Binders, Splints & Slings
- Bandaging of various of body parts

**Administration of medications**

- Administer Medications in different forms and routes
- Oral, Sublingual and Buccal
- Parenteral: Intradermal, Subcutaneous, Intramuscular etc.
- Assist with Intra Venous medications
- Drug measurements and dose calculations
- Preparation of lotions and solutions
- Administers topical applications
- Insertion of drug into body cavity: Suppository & medicated packing etc.
- Instillation of medicines and spray into Ear, Eye, Nose and throat
- Irrigations: Eye, Ear, Bladder, Vagina and Rectum
- Inhalations: Dry and moist

**Care of dying patient**

- Caring and packing of dead body
- Counseling and supporting grieving relatives
- Terminal care of the Module

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>OR</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage(%)</b>	<b>20</b>	<b>10</b>	<b>20</b>	<b>50</b>	<b>100</b>

**NCP- Nursing Care Plan, OR- Observation Report, HE- Health Education, CE-Clinical Evaluation, EPE- External Practical Examination**

# Syllabus – Third Semester

## MEDICAL SURGICAL NURSING-I

**Course Code: NUR2302**

**Credit Unit-11**

**Course Description:** The purpose of this course is to acquire knowledge and develop in caring for patients with medical and surgical disorders in verities of health care settings and at home.

### Course Contents

#### Module I

##### Introduction

- Introduction to medical surgical nursing- Evolution and trends of medical and surgical nursing
- Review of Concepts of Health and illness, Disease-concepts, causations, classification International (ICD-10 or later version), Acute illness, chronic illness and teruinal illness, stages of illness
- Review of concepts of comprehensive nursing care in medical surgical conditions based of classification diseases on nursing process.
- Role of Nurse, patient and family in care of adult patient
- Role and responsibilities of a nurse in medical surgical settings:
  - Outpatient department.
  - In-patient unit
  - Intensive care unit
  - Home and Community settings
- Introduction to Medical Surgical asepsis
  - Inflammation and Infection
  - Immunity
  - Wound healing
- Care of Surgical Patient Pre –operative
  - Intra operative
  - Post Operative

#### Module II

##### Common signs and symptoms and management

- Fluid and electrolyte imbalance.
- Vomiting
- Dyspnea and cough, respiratory obstruction
- Fever
- Shock
- Unconsciousness, Syncope
- Pain
- Incontinence
- Edema
- Age related problems-geriatric

#### Module III

##### Nursing management of patients (adults including elderly) with respiratory problems

- Review of anatomy and physiology of respiratory system,

- Nursing Assessment-History and physical assessment
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical surgical, dietetics & nursing management of adults including elder with-
  - Upper Respiratory tract infections.
  - Bronchitis
  - Asthma
  - Emphysema
  - Empyema
  - Atelectasis
  - Chronic Obstructive Pulmonary Diseases (COPD)
  - Bronchiectasis
  - Pneumonia Pulmonary tuberculosis
  - Lung abscess
  - Pleural effusion
  - Cysts and Tumours
  - Chest injuries
  - Respiratory arrest and insufficiency
  - Pulmonary embolism
  - Special therapies, alternative therapies
  - Nursing procedures
  - Drugs used in treatment of respiratory disorders

#### **Module IV**

##### **Nursing management of patient (adults including elderly) with disorders of digestive system**

- Review of anatomy and physiology of digestive system
- Nursing Assessment-History and physical assessment
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management
- Disorders of
  - Oral cavity-lips, gums, tongue, salivary glands and teeth
  - Oesophagus -inflammation, stricture, obstruction, bleeding and tumours
  - Stomach and deudenum-hiatus hernia, gastritis, peptic and deudenal ulcer bleeding, tumours, pyloric stenosis
  - Small intestinal disorders-inflammation and infection, entritis, malabsorption, obstruction, tumour and perforation
  - Large intetinaldisoreders- Colitis, inflammation and infection, obstruction and tumour and lump Hernias
  - Appendix-inflammation, mass, abscess, rupture
  - Anal &Recutm; hermorrhoides, fissures, Fistulas
  - Peritonitis/ acute abdomen
  - Pancreas: Inflammation, cyst, abscess and tumours
  - Liver: Inflammation, cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours
  - Gall Bladder: Inflammation, obstruction, stones and tumours
  - Special therapies, alternative therapies
  - Nursing procedures
  - Drugs used in treatment of disorders of digestive system

#### **Module V**

##### **Nursing management of patient (adults including elderly) with blood and cardio vascular problems**

- Review of anatomy and physiology of blood and cardiovascular system

- Nursing Assessment-History and Physical assessment
- Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of –
- Vascular system
  - Hypertension, Hypotension
  - Artherosclerosis
  - Raynaud’s disease
  - Aneurism and Perpherial vascular disorders

**Heart**

- Coronary artery diseases
  - Ischemic Heart Disease
  - Coronary atherosclerosis
  - Angina pectoris
  - Myocardial infarction
- Valvular disorders of the heart
  - Congenital and acquired
  - Rheumatic Heart diseases
- Endocarditis, Pericarditis Myocarditis
- Cardio Myopathies
- Cardiac dysrhythmias, Heart Block
- Congestive cardiac failure: Corpulmonale, Pulmonary edema, cardiogenic shock, cardiac tamponade
- Cardiac emergencies and arrest
- Cardio Pulmonary Resuscitation (CPR)
- Blood
  - Anaemias
  - Polycythemia
  - Bleeding disorder; clotting factor defects and platelets defects
  - Thalassemia
  - Leukemias
  - Leukopenias and agranulocytosis
  - Lymphomas
  - Myelomas
- Special therapies
  - Blood transfusion safety checks, procedure and requirements, management of adverse transfusion reaction, records for blood transfusion.
  - Management and counseling of blood donors, phlebotomy procedure, and post donation management. Blood bank functioning and hospital transfusion committee. Bio-safety and waste management in relation to blood transfusion.
  - Role of a nurse in Organ donation, retrieval and banking
  - Alternative therapies
  - Nursing procedures
  - Drugs used in treatment of blood and cardio vascular disorders

**Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage(%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

## **Text & References:**

### **Text**

1. Chintamani, *Lewis Medical Surgical Nursing*, Mosby Publication
2. Joy and Black, *Medical Surgical Nursing*, W.B. Sounder Publication
3. Sandra M. Nettina, *Lippincott Manual of Nursing Practice*, Wolter Kluwer Pvt. Ltd., New Delhi
4. Brunner and Suddarth's *Text book of medical – surgical nursing*, published by Lippincott Williams and Wilkins

### **Reference Books**

1. Bruno peulenic, Patrick Maxial, *Medical Surgical Nursing- Pathophysiological Concept*, J.B .Linnincott Co. Philadelnhia.
2. Sorensen and Luckmann, *Basic Nursing A Psycho-Physiological Approach*, John Wright publishing Co.
3. Perry, Ann G. and Patricia A. Potter, *Clinical Nursing Skills and Techniques*, The C.V Mosby Co., 1990, St Louis.
4. Mary Powell, *Orthopaedic Nursing*, ELBS, 1976.
5. Sathoskar R. S., *Pharmacology and Pharmacotherapeutics*, Bombay popular Prakashan, Bombay.  
\* Latest editions of all the suggested books are recommended.

# COMMUNITY HEALTH NURSING-I

**Course Code: NUR2304**

**Credit Unit-05**

**Course description-** This course is designed for students to appreciate the principles of promotion and maintenance of health.

## **Module I**

### **Introduction**

- Community health nursing
- Definitions, concepts and dimensions of health
- Promotion of health
- Maintenance of health

## **Module II**

Determinants of health

- Eugenics
- Environment
  - Physical: Air, light ventilation, Water, Housing, Sanitation: disposal of waste, disposal of dead bodies Forestation, Noise, Climate, Communication:
  - Infrastructure facilities and Linkages
  - Acts regulating the environment: National Pollution control board
  - Bacterial & viral: Agents, host carriers and immunity
  - Arthropods and Rodents
- Food hygiene: Production, Preservation, Purchase, Preparation, Consumption
- Acts regulating food adulteration act, Drugs and cosmetic act
- Socio-cultural
  - Customs, taboos
  - Marriage system
  - Family structure
  - Status of special groups; Females, Children, Elderly, challenged groups and Sick persons
- Life Style
- Hygiene
- Physical Activity
  - Recreation and sleep
  - Sexual life
  - Spiritual life philosophy
  - Self reliance
  - Dietary pattern
  - Education
  - Occupation
- Financial Management
  - Income
  - Budget
  - Purchasing power
  - Security

### Module III

#### Demography

- Definition, concept and scope
- Method of collection, analysis, and interpretation of demographic data
- Demographics rate and ratios

### Module IV

#### Population and its control

- Population explosion and its impact on social, economic development of individual, society and country
- Population control
  - Overall development: Women empowerment, social, economic educational development
  - Limiting family size:
  - Promotion of small family
  - norm
  - Methods; spacing (natural, biological, chemical, mechanical methods etc)
  - Terminal: surgical methods
  - Emergency contraception

#### Examination Scheme:

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

#### Text & References:

##### Text

1. Park J. E, Text Book of Preventive and Social Medicine, MsBanarsidasBhanhot Co., Jabalpur.
2. Dr.Mrs.kasturiSundaRao,"An Introduction to Community Health Nursing"BI Publications , Chennai
3. S.Kamalam"Essentials in Community Health Nursing Practice' Jaypee Publications, New Delhi
4. SunitaPatney"Text Book of Community Health Nursing" CBS publishers,New Delhi

##### References

1. Clark, June & Jill Handerson, *Community Health*, Churchill Livingstone, New York.
2. Freeman B. Ruth, *Public Health Practices*, W. W. Saunders Co, Philadelphia.
3. Fromer Joan Margot, *Community Health Care and the Nursing process*, C. V. Mosby Co, Toronto.
4. Park J. E, *Text Book of Preventive and Social Medicine*, MsBanarsidasBhanhot Co., Jabalpur.
5. Park K, *Text Book of Preventive and Social Medicine*, MsBanarsidasBhanhot Co, Jabalpur.
6. Rao S. Kasthi, *An Introduction to Community Health Nursing*, B. I. Publishers, Madras.
7. Stan hope & Lancaster Janette, *Community Health Process and Practice for Promoting Health*, The C.V Mosby & CO. London.

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# Syllabus – Fourth Semester

## MEDICAL & SURGICAL NURSING-II

**Course Code: NUR2401**

**Credit Unit-11**

**Course Description:** The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical and disorder in verities of health care settings and at home.

### Course Contents

#### Module I

##### **Nursing management of patient (adults including elderly) with disorders of genito-urinary problems**

- Review of anatomy and physiology of genitor-urinary system
- Nursing Assessment-History and physical assessment
- Etiology, Pathophysiology, clinical manifestations diagnosis, treatment modalities medical, surgical, dietetics & nursing management of:
  - Nephritis
  - Nephrotic syndrome
  - Nephrosis
  - Renal calculus
  - Tumours
  - Acute renal failure
  - Chronic renal failure
  - End stage renal disease
  - Dialysis, renal transplant
  - Congenital disorders, urinary infections
  - Benign prostate hypertrophy.
  - Disorders of ureter, urinary bladder and urethra-inflammation infection, stricture obstruction, tumour, prostrate
- Special therapies, alternative therapies
- Nursing procedures Drugs used in treatment of genitourinary disorders

#### Module II

##### **Nursing management of dis-orders of male (adults including elderly) reproductive system**

- Review of anatomy and physiology of male reproductive system
- Nursing Assessment –History and physical assessment
- Etiology, Pathophysiology, clinical manifestation diagnosis, treatment modalities medical, surgical dietetics & nursing management of disorders of male reproductive system
  - Congenital malformation; cryptorchidism
  - Hypospadiasis, Epispadiasis
  - Infections
  - Testis and adjacent structures

- Penis
- Prostate: inflammation, infection, hypertrophy, tumour
- Sexual Dysfunction
- Infertility
- Contraception
- Breast; gynecomastia, tumour
- Climacteric changes
- Special therapies, alternative therapies
- Nursing procedures Drugs used in treatment of disorders of male reproductive system

### **Module III**

#### **Nursing management of patient (adults including elderly) with disorders of endocrine system**

- Review of anatomy and physiology of endocrine system
- Nursing Assessment- History and physical assessment
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities medical, surgical, dietetics & nursing management of-
  - Disorders of Thyroid and Parathyroid
  - Diabetes mellitus
  - Diabetes insipidus
  - Adrenal tumour
  - Pituitary disorders,
- Special therapies, alternative therapies
- Nursing procedures Drugs used in treatment of disorders of endocrine system

### **Module IV**

#### **Nursing management of patient (adults including elderly) with disorders of Integumentary system**

- Review of anatomy and physiology of Skin and its appendages
- Nursing Assessment, History and physical assessment.
- Etiology, Pathophysiology, Clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management.
- Disorders of skin and its appendages.
  - Lesions and abrasions
  - Infection and infestations; Dermatitis
  - Dermatomes; infectious and Non infectious “inflammatory dermatoses”
  - Acne Vulgaris
  - Allergies and Eczema
  - Psoriasis
  - Malignant melanoma
  - Alopecia
- Special therapies, alternative therapies
- Nursing procedures Drugs used in treatment of disorders of Integumentary system

### **Module V**

#### **Nursing management of patient (adults including elderly) with musculoskeletal problems**

- Review of anatomy and physiology of musculoskeletal system
- Nursing Assessment- History and physical assessment
- Etiology, Pathophysiology, Clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of
- Disorders of-
  - Muscles, Ligaments and Joints- inflammation, infection , trauma
  - Bones-inflammation, infection dislocation, fracture , tumour and trauma
  - Osteomalacia and osteoporosis
  - Arthritis
  - Congenital deformities
  - Spinal column-defects and deformities, Tumor, prolapsed inter vertebral discs, pott's spine
  - Paget's disease
- Amputation
- Prosthesis
- Transplant & replacement surgeries
- Rehabilitation.
- Special therapies, alternative therapies
- Nursing procedures
- Drugs used in treatment of disorders of musculoskeletal system

## **Module VI**

### **Nursing management of patient (adults including elderly) with Immunological problems**

- Review of Immune system
- Nursing Assessment –History and physical assessment
- Etiology, Path physiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of-
  - Immunodeficiency disorder
  - Primary immuno deficiency.
  - Phagocyte dysfunction
  - B-cell and T-cell deficiencies
  - Secondary immunodeficiency Syndrome (AIDS)
- Incidence of HIV & AIDS
- Epidemiology
- Transmission –Prevention of Transmission
- Standard Safety precautions
- Role of Nurse; Counseling
- Health education and home care consideration.
- National AIDS Control Program-NACO, various national and international agencies
- Infection control program
- Rehabilitation.
- Special therapies, alternative therapies
- Nursing procedures Drugs used in treatment of disorders of immunological system

## **Module VII**

### **Nursing management of patient (adults including elderly) with communicable disease**

- Overview of infectious disease, the infectious process
- Nursing Assessment-History and physical assessment

- Epidemiology, infections process, clinical manifestations, diagnosis, treatment, prevention and dietics. Control and Eradication of common Communication Diseases-
  - Tuberculosis
  - Diarrhoeal diseases
  - Hepatitis A-E
  - Herpes
  - Chickenpox
  - Smallpox
  - Typhoid
  - Meningitis
  - Gas gangrene
  - Leprosy.
  - Dengue
  - Plague
  - Malaria
  - Diphtheria
  - Pertussis
  - Poliomyelitis
  - Measles
  - Mumps
  - Influenza
  - Tetanus
  - Yellow fever
  - Filariasis
  - HIV, AIDS
  
- Reproductive Tract Infections
- Special Infection control measures: Notifications, Isolation, Quarantine, Immunization, Infectious Disease Hospitals
- Special therapies, alternative therapies
- Nursing procedures.
- Drugs used in treatment of communicable diseases.

## **Module VIII**

### **Peroperative nursing:**

- Organization and Physical set up of the Operation Theatre (OT):
  - Classifications
  - O.T.DESIGN
  - Staffing
  - Members of the OT team.
  - Duties and responsibilities of nurse in O.T.
  - Principles of Health and operating room attire.
  - Instruments,
  - Sutures and suture materials
  - Equipments
  - O.T. tables and sets for common surgical Procedures
  - Positions and draping for common surgical procedures
  - Scrubbing procedures
  - Gowning and gloving

- Preparation of O.T. Sets
- Monitoring the patient during surgical procedures
- Maintenance of therapeutic environment in O.T.
- Standard Safety measures
  - Infection control: fumigation, disinfection and sterilization
  - Biomedical waste management.
  - Prevention of accidents and hazards in O.T.
- Anesthesia
  - Types
  - Methods of administration
  - Effects and Stages
  - Equipments
  - Drugs
- Cardio Pulmonary Resuscitation (CPR)
- Pain management techniques
- Legal Aspects

**Examination Scheme:**

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA-Extracurricular activity; EE- End Semester Examination**

**Text & References:**

**Text**

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3. Sandra M. Nettina, *Lippincott Manual of Nursing Practice*, Wolter Kluwer Pvt. Ltd., New Delhi
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2. Sorensen and Luckmann, *Basic Nursing A Psycho-Physiological Approach*, John Wright publishing Co.
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4. Mary Powell, *Orthopaedic Nursing*, ELBS, 1976.
5. Sathoskar R. S., *Pharmacology and Pharmacotherapeutics*, Bombay popular Prakashan, Bombay.

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# COMMUNITY HEALTH NURSING-II

**Course Code: NUR2402**

**Credit Unit-04**

**Course description-** This course is designed for students to appreciate the principle of promotion, maintenance of health and to participate in the delivery of community health nursing.

## **Module III**

### **Epidemiology**

- Definition, concept, aims, scope, uses and terminology used in epidemiology
- Dynamics of disease transmission: epidemiological triad
- Morbidity and mortality: measurements
- Levels of prevention
- Methods of epidemiology of
  - Descriptive
  - Analytical: Epidemic investigation
  - Experimental

## **Module IV**

### **Epidemiology and nursing management of common Communicable Diseases**

- Respiratory infections
  - Small Pox
  - Chicken Pox
  - Measles
  - Influenza
  - Rubella
  - ARI's & Pneumonia
  - Mumps
  - Diphtheria
  - Whooping cough
  - Meningococcal meningitis
  - Tuberculosis
  - SARS
- Intestinal Infections
  - Poliomyelitis
  - Viral Hepatitis
  - Cholera
  - Diarrheas diseases
  - Typhoid Fever
  - Food poisoning
  - Amoebiasis
  - Hook worm infection
  - Ascariasis
  - Dracunculiasis
- Arthropod infections
  - Dengue
  - Malaria

- Filariasis
- Zoonoses
- **Viral**
  - Rabies
  - Yellow fever
  - Japanese encephalitis
  - Kyasnur Forest Disease
- Bacterial
  - Brucellosis
  - Plague
  - Human Salmonellosis
  - Anthrax
  - Leptospirosis
- Rickettsial diseases
  - Rickettsial Zoonoses
  - Scrub typhus
  - Murine typhus
  - Tick typhus
  - Q fever
- Parasitic zoonoses
  - Taeniasis
  - Hydrated disease
  - Leishmaniasis
- Surface infection
  - Trachoma
  - Tetanus
  - Leprosy
  - STD & RTI
  - Yaws
  - HIV/AIDS
- And any other

## **Module V**

### **Epidemiology and nursing management of common Non –communicable diseases:**

- Malnutrition: under nutrition, over nutrition, nutritional deficiencies
- Anaemia
- Hypertension
- Stroke
- Rheumatic
- Heart Disease
- Coronary Heart Disease
- Cancer
- Diabetes mellitus
- Blindness
- Accidents
- Mental illness
- Obesity
- Iodine Deficiency
- Fluorosis

- Epilepsy

**Examination Scheme:**

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

**Text & References:**

**Text**

1. Park J. E, Text Book of Preventive and Social Medicine, MsBanarsidasBhanhot Co., Jabalpur.
2. Dr.Mrs.kasturiSundaRao,"An Introduction to Community Health Nursing"BI Publications , Chennai
3. S.Kamalam"Essentials in Community Health Nursing Practice' Jaypee Publications, New Delhi
4. SunitaPatney"Text Book of Community Health Nursing" CBS publishers,New Delhi

**References**

1. Clark, June & Jill Handerson, *Community Health*, Churchill Livingstone, New York.
2. Freeman B. Ruth, *Public Health Practices*, W. W. Saunders Co, Philadelphia.
3. Fromer Joan Margot, *Community Health Care and the Nursing process*, C. V. Mosby Co, Toronto.
4. Park J. E, *Text Book of Preventive and Social Medicine*, MsBanarsidasBhanhot Co., Jabalpur.
5. Park K, *Text Book of Preventive and Social Medicine*, MsBanarsidasBhanhot Co, Jabalpur.
6. Rao S. Kasthi, *An Introduction to Community Health Nursing*, B. I. Publishers, Madras.
7. Stan hope & Lancaster Janette, *Community Health Process and Practice for Promoting Health*, The C.V Mosby & CO. London.

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## **MEDICAL & SURGICAL NURSING–I & II(PRACTICAL)**

**Course Code: NUR2404**

**Credit Unit-24**

### **General Medical Ward (Respiratory, GI, Endocrine, Renal, Hematology)**

**Duration in weeks: 06**

- Assessment of the patient
  - Taking history
  - Perform general and specific physical examination.
  - Identify alterations and deviations
- Practice medical surgical asepsis-Standard safety measures
- Administer medications
  - Oral, IV, IM, Subcutaneous
- IV therapy
  - IV canulation
  - Maintenance and monitoring
- Oxygen therapy by different methods
- Nebulization
- Chest physiotherapy
- Naso gastric feeding
- Assist in common diagnostic procedures
- Perform /Assist in therapeutic procedures
- Blood and component therapy
- Throat Suctioning
- Collect specimens for common investigations.
- Maintain elimination
  - Catheterisation
  - Bowel wash
  - Enema
  - Urinary drainage
- Maintain Intake, Output and documentation
- Counsel and teach related to specific Disease conditions

### **General Surgical Ward (GI, Urinary, CTVS)**

**Duration in weeks: 06**

- Practice medical surgical asepsis-Standard safety measures
- Pre operative preparation of patients
- Post operative care-Receiving pt, assessment, monitoring, care
- Care of wounds and drainage
- Suture removal
- Ambulation and exercise
- Naso gastric aspiration
- Care of chest drainage
- Ostomy care
  - Gastrostomy
  - Colostomy
  - Enterostomy

- Blood and component therapy
- Practice universal precautions

### **Cardiology Ward**

#### **Duration in weeks: 02**

- Physical examination of the cardio vascular system Recording and interpreting ECG
- Monitoring of patients.
- Preparation and assisting in non-invasive and invasive diagnostic procedures.
- Administer cardiac drugs
- Cardio pulmonary Resuscitation
- Teach patients and families
- Practice medical and surgical asepsis-Standard safety measures

### **Skin and Communicable Diseases Ward**

#### **Duration in weeks: 01**

- Assessment of patients with skin disorders
- Assist in diagnostic and therapeutic procedures
- Administer topical medication.
- Practice medical surgical asepsis-Standard safety measures
- Use of personal Protective equipment (PPE)
- Give Medicated baths
- Counseling HIV positive patients
- Teach prevention of infectious diseases

### **Orthopaedic Ward**

#### **Duration in weeks: 02**

- Assessment of orthopedic patients
- Assist in application of plaster cast and removal of cast
- Apply skin traction buck's extension traction.
- Assist in application and removal of prosthesis
- Physiotherapy-Range of motion exercise (ROM), muscle strengthening exercises
- Crutch maneuvering technique.
- Activities of daily living
- Ambulation
- Teach and counsel patients and families

### **Operation Theatre**

#### **Duration in weeks: 06**

- Scrubbing, gowning, gloving
- Identify instruments, suturing materials for common operations
- Disinfection , Carbolization, fumigation
- Preparation of instrument sets for common operations
- Sterilization of sharps and other instruments
- Prepare the OT table depending upon the operation
- Positioning and monitoring of patients
- Endotracheal intubation
- Assisting in minor and major operations.
- Handling specimens
- Disposal of waste as per the guidelines

**Practical**

- Clinical assessment to be done in the Hospital/Unit/Ward/OT.
- Plan and give to 3-4 assigned patients (Area wise).
- Nursing care plan-1 (Area wise).
- Nursing care shidy/presentation-1 (Area wise).
- Drug presentation-1.
- Maintain drug book (Area wise).
- Maintain practical record book.
- Assist as a circulatory nurse in:
  - Major cases – 10
  - Minor cases – 10
- Assist as a scrub nurse in:
  - Major cases – 10
  - Minor cases - 5

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS/CP</b>	<b>DP/MDB</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>20</b>	<b>10</b>	<b>10</b>	<b>50</b>	<b>100</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, DP- Drug Presentation, MDB- Maintain Drug Book, HE- Health Education, CE-Clinical Evaluation, EPE- External Practical Examination**

# Syllabus - Fifth Semester

## MEDICAL & SURGICAL NURSING (SPECIALITY)-III

Course Code: NUR2501

Credit Unit-06

**Course description-** The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorder in varieties of health care settings and at home.

### Course Contents

#### Module I

##### Nursing management of patient with neurological disorders

- Review of anatomy and physiology of the neurological system
- Nursing Assessment–History and Physical and neurological assessment and Glasgow coma scale
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical& surgical, nursing management of neurological disorders.
- Congenital malformations
- Headache
- Head Injuries
- Spinal Injuries
  - Paraplegia
  - Hemiplegia
  - Quadriplegia
- Spinal cord compression-herniation of intervertebral disc
- Tumors of the brain & spinal cord
- Intra cranial and cerebral aneurysms abscess.
- Infections:
  - Meningitis, Encephalitis, Brain abscess, neurocysticercosis.
- Movement disorders
  - Chorea
  - Seizures
  - Epilepsies
- Cerebro Vascular Accidents (CVA)
- Cranial, Spinal Neuropathies-Bell's palsy, trigeminal neuralgia
- Peripheral Neuropathies; Guillain - Barr's Syndrome
- Myasthenia gravis
- Multiple sclerosis
- Degenerative diseases
  - Delirium
  - Dementia
  - Alzheimer's disease
  - Parkinson's disease
- Management of unconscious patients and patients with stroke
- Role of the nurse in communicating with patient having neurological deficit
- Rehabilitation of patients with neurological deficit
- Role of nurse in long stay facility (institutions) and at home

- Special therapies
- Nursing procedures
- Drugs used in treatment of neurological disorders

## **Module II**

### **Nursing management of patients with disorders of female reproductive system**

- Review of anatomy and physiology of the female reproductive system
- Nursing Assessment-History and physical assessment
- Breast Self Examination
- Etiology, path physiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical, nursing management of disorder of female reproductive system
- Congenital abnormalities of female reproductive system
- Sexuality and Reproductive Health
- Sexual Health Assessment
- Menstrual Disorders; Dysmenorrhea, Amenorrhea, Premenstrual syndrome.
- Abnormal uterine bleeding:
  - Menorrhagia, Metrorrhagia
- Pelvic Inflammatory Disease
- Ovarian and fallopian tube disorder: infections, cysts, tumors
- Uterine and cervical disorders; Endometriosis, polyps, Fibroids, Cervical and uterine tumors
- Uterine displacement, Cystocele/Urethroel Rectocele.
- Vaginal disorders: Infections and Discharges, Fistulas
- Vntvur disorders: Infections, Cysys, Tumours.
- Diseases of breast: Deformities, Infections, Cysts and Tumors
- Menopause and Hormonal Replacement Therapy
- Infertility
- Contraception: Types, Methods, Risk and effectiveness
- Spacing Methods
  - Barrier methods, Intra Uterine Devices, Hormonal, Post Connectional Methods, etc
  - Terminal methods
  - Sterilization
- Emergency Contraception methods
- Abortion –Natural, Medical and surgical abortion –MTP Act
- Toxic Shock Syndrome
- Injures and Trauma; Sexual violence
- Special therapies
- Nursing procedures
- Drugs used in treatment of gynecological disorders
- National family welfare programme

## **Module III**

### **Nursing care of the elderly**

- Nursing Assessment-History and Physical assessment
- Ageing.
- Demography: Myths and realities
- Concepts and theories of ageing

- Cognitive Aspects of Ageing
- Normal biological ageing
- Age related body systems changes
- Psychosocial Aspects of Aging
- Medications and elderly
- Stress & coping in older adults
- Common Health Problems & Nursing Management;
- Cardiovascular, Respirator, Musculoskeletal ,
- Endocrine, genitor-urinary, gastrointestinal
- Neurological, Skin and other Sensory organs
  - Psychosocial and Sexual
  - Abuse of elderly
- Role of nurse for care of elderly: ambulation, nutritional, communicational, Psychosocial and spiritual.
- Role of nurse for caregivers of elderly.
- Role of family and formal and non formal caregivers,
- Use of aids and prosthesis (hearing aids, dentures)
- Legal & Ethical Issues
- Provisions and programmes for elderly; privileges, Community programs and health services;
- Home and institutional care

#### **Module IV**

##### **Nursing management of patient in critical care Units**

- Nursing Assessment-History and physical assessment
- Classification
- Principles of critical care nursing
- Organization; physical setup, Policies, staffing norms,
- Protocols, equipment and supplies
- Special equipment; ventilators, cardiac monitors, defibrillators
- Resuscitation equipments
- Infection Control Protocols.
- Nursing management of critically ill patient;
- Monitoring of critically ill patient
- CPR-Advance Cardiac Life support
- Treatments and procedures.
- Transitional care
- Ethical and legal Aspects
- Communication with patient and family
- Intensive care records
- Crisis Intervention
- Death and Dying-coping with
- Drugs used in critical care Unit

#### **Module V**

##### **Nursing management of patients (adjuvs including elderly) with Occupational and Industrial disorders**

- Nursing Assessment-History and Physical assessment
- Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical, nursing management of occupational and industrial health disorders
- Role of nurse
- Special therapies, alternative therapies
- Nursing procedures
- Drugs used in treatment
- Occupational and Industrial disorders
- Nursing management

**Examination Scheme:**

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

**Text & References:**

**Text**

1. Chintamani, *Lewis Medical Surgical Nursing*, Mosby Publication
2. Joy and Black, *Medical Surgical Nursing*, W.B. Sounder Publication
3. Sandra M. Nettina, *Lippincott Manual of Nursing Practice*, Wolter Kluwer Pvt. Ltd., New Delhi
4. Brunner and Suddarth's *Text book of medical – surgical nursing*, published by Lippincott Williams and Wilkins

**Reference Books**

1. Bruno peulenic, Patrick Maxial, *Medical Surgical Nursing- Pathophysiological Concept*, J.B .Linnincott Co. Philadelnhia.
2. Sorensen and Luckmann, *Basic Nursing A Psycho-Physiological Approach*, John Wright publishing Co.
3. Perry, Ann G. and Patricia A. Potter, *Clinical Nursing Skills and Techniques*, The C.V Mosby Co., 1990, St Louis.
4. Mary Powell, *Orthopaedic Nursing*, ELBS, 1976.
5. Sathoskar R. S., *Pharmacology and Pharmacotherapeutics*, Bombay popular Prakashan, Bombay.

\* Latest editions of all the suggested books are recommended.

# CHILD HEALTH NURSING

**Course Code: NUR2502**

**Credit Unit-9**

**Course description-** This course is designed for developing and understanding of the modern approach to child- care, identification, prevention and nursing management of common problems of neonates and children.

## **Course Contents**

### **Module I**

Introduction Modern concepts of childcare

- Internationally accepted rights of the Child
- National policy and legislations in relation to child health and welfare
- National programs related to child health and welfare
- Agencies related to welfare services to the children
- Changing trends in hospital care, preventive, promotive and curative aspects of child health.
- Child morbidity and mortality rates.
- Differences between and adult and child
- Hospital environment for a sick child
- Impact of hospitalization on the child and family
- Grief and bereavement
- The role of a child health nurse in caring for hospitalized child
- Principles of pre and post operative care of infants and children
- Child health nursing procedures.

### **Module II**

#### **The healthy child**

- Principles of growth and development
- Factors affecting growth & development
- Growth and development from birth to adolescence
- The needs of normal children through the stages of developmental and parental guidance
- Nutritional needs of children & infants; breast feeding, exclusive breast supplementary/artificial feeding and weaning ,
- Baby friendly hospital concept
- Accidents : causes and prevention
- Value of play and selection of play material
- Preventive immunization, immunization programme and cold chain
- Preventive pediatrics
- Care of under five& under five clinics/well baby clinics

### **Module III**

#### **Nursing care of neonate**

- Nursing care of a normal newborn /Essential newborn care
- Neonatal resuscitation
- Nursing management of a low birth weight baby.
- Kangaroo mother care

- Nursing management of common neonatal disorders Organization of neonatal unit.
- Identification & nursing management of common congenital malformations.

#### **Module IV**

#### **Integrated management of neonatal and childhood illnesses (IMNCI)**

#### **Module V**

#### **Nursing management in common childhood diseases**

- Nutritional deficiency disorders
- Respiratory disorders and infections
- Gastrointestinal infections, infestations and congenital disorders
- Cardio vascular problem: congenital defects and rheumatic fever, rheumatic heart disease
- Genito-urinary disorders: acute glomerulo nephritis, Nephrotic syndrome, Wilms' tumor, infection and congenital disorder.
- Neurological infections and disorders: convulsions, epilepsy, meningitis, hydro ophthalmus, spina-bifida.
- Hematological disorders: Anemias, thalassemia, ITP, Leukemia, hemophilia.
- Endocrine disorders: juvenile Diabetes Mellitus
- Orthopedic disorders: club feet, hip dislocation and fracture
- Disorders of skin, eye, and ears
- Common communicable diseases in children, their identification in hospital and home and prevention.
- Child health emergencies: poisoning foreign bodies, hemorrhage, burns and drowning.
- Nursing care of infant children with HIV/AIDS.

#### **Module VI**

#### **Management of behavioral & social problems in children**

- Management of common behavioral disorders
- Management of common psychiatric problems
- Management of challenged children: Mentally, Physically, & Socially challenged
- Welfare services for challenged children in India.
- Child guidance clinics

#### **Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage(%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA-Extracurricular activity; EE- End Semester Examination**

## **Text & References:**

### **Text**

1. Marlow R., *Child Health for Nurses*, 6<sup>th</sup> edition, W.B. Saunders Company, New Delhi, 2002
2. Parthasarathy A., *Text Book of Paediatrics*, 3<sup>rd</sup> edition, Jaypee Brothers, New Delhi, 2006.
3. Lippincott, *Lippincott manual of nursing practice*, 6<sup>th</sup> edition, , Lippincott publishers, Philadelphia. 1996

### **References**

1. Behrman, Richard K & Vaughan, Nelson,s, *TextBook of Paediatrics*, WB Saunders Co.,
2. Barbara EW, *Guidelines in the Care of the Low Birth Weight*, Orient Longman
3. Aravind. R., *Applied Neonatology*, 1<sup>st</sup> edition, Jaypee brothers medical publication, New Delhi, 2006.
4. Guha.K, *Neonatology-Principles and practice*, 3<sup>rd</sup> edition, Jaypee publication, New Delhi, 2005.
5. Singh Meharban, *Care of the Newborn*, 6<sup>th</sup> edition, Sagar publications, New Delhi, 2004.
6. Ghai .O.P, *Essential Pediatric*, 6<sup>th</sup> edition, CBS Publishers, Bangalore, 2006
7. Gupta .S, *Essential Text Book of Paediatrics*, Jaypee Brothers Publishers Pvt. Ltd., 7<sup>th</sup> edition, 1995.
8. J.M. Chellapa, *Paediatric Nursing*, Gajanana Book Publishers and Distributors, Delhi, 1995.

\* Latest editions of all the suggested books are recommended.

# MIDWIFERY AND OBSTETRICAL NURSING-I

**Course Code: NUR2503**

**Credit Unit-07**

**Course Description-** This course is designed for students to appreciate the concept and principles of midwifery and obstetrical nursing. It helps them to acquire knowledge and skill in rendering nursing care to normal and high risk pregnant women during antenatal, natal and post natal period in hospital and community settings. It also develops skills in managing normal and high risk neonates and participates in family welfare programmes.

## **Course Contents**

### **Module I**

#### **Introduction to midwifery and obstetrical Nursing**

- Introduction to concepts of midwifery and obstetrical Nursing
- Trends in midwifery and obstetrical nursing
- Historical perspectives and current trends
  - Legal and ethical aspects
  - Pre –conception care and preparing for parenthood
  - National policy and legislation in relation to maternal health and welfare
  - Maternal morbidity, mortality and trivality rates
  - Prenatal, morbidity and mortality rates

### **Module II**

#### **Review of anatomy and physiology of female reproductive system and foetal development**

- Female pelvis-general description of the bones, joints of the pelvis, ligaments, planes, diameters of the true pelvis, important landmarks, variations in pelvis shape,
- Female organs of reproduction-external genitalia, internal genital organs and their anatomical relations, musculature – blood supply, nerves, lymphatics, pelvic, cellular tissue, pelvic peritoneum.
- Physiology of menstrual cycle
- Human sexuality
- Foetal development
  - Conception
  - Review of fertilization, implantation (embedding of the ovum), development of the embryo and placenta at term-functions, abnormalities, the foetal sac, amniotic fluid, the umbilical cord,
  - Foetal circulation, foetal skull, bones, sutures and measurements
- Review of Genetics

### **Module III**

#### **Assessment and management of pregnancy (ante-natal)**

- Normal pregnancy
- Physiological changes during pregnancy.
  - Reproductive system
  - Cardio vascular system
  - Respiratory system
  - Urinary system
  - Gastro intestinal system
  - Metabolic changes
  - Skeletal changes

- Skin changes
- Endocrine system
- Psychological changes
- Discomforts of pregnancy
- Diagnosis of pregnancy
  - Signs
  - Different diagnosis
  - Confirmatory tests
- Anti-natal care
  - Objectives
  - Assessment
    - History and physical examination
    - Antenatal Examination
    - Signs of previous child-birth
  - Relationship of fetus to uterus and pelvis: lie, Attitude, presentation Position
  - Per vaginal examination.
- Screening and assessment for high risk;
- Risk approach
- History and physical Examination
- Modalities of diagnosis: Invasive & Non-Invasive, ultrasonics, cardio tomography, NST, CST,
- Antenatal preparation
  - Antenatal counseling
  - Antenatal exercises
  - Diet
  - Substance use
  - Education for child-birth
  - Husband and families
  - Preparation for safe-confinement
  - Prevention from radiation
- Psycho-social and cultural aspects of pregnancy
  - Adjustment to pregnancy
  - Unwed mother
  - Single parent
  - Teenage pregnancy
  - Sexual violence
- Adoption

#### **Module IV**

##### **Assessment and management of intra-natal period**

- Physiology of labour, mechanism of labor
- Management of labour.
  - First stage
  - Signs and symptoms of onset of labour, normal and abnormal –
  - Duration
  - Preparation
  - Labour room
  - Women
  - Assessment and observation of women in labour, partogram- maternal and foetal monitoring
  - Active management of labour,
  - Induction on labour

- Pain relief and comfort in labour
- Second stage
  - Signs and symptoms; normal and abnormal
  - Duration
  - Conduct of delivery; Principles and techniques
  - Episiotomy (only if required)
  - Receiving the new born
- Neonatal resuscitation: initial steps and subsequent resuscitation
- Care of umbilical cord
- Immediate assessment including screening for congenital anomalies
- Identification
- Bonding
- Initiate feeding
- Screening and transportation of the neonate
- Third stage
  - Signs and symptoms; normal and abnormal
  - Duration
  - Method of placental expulsion
  - Management; Principles and techniques
  - Examination of the placenta
  - Examination of perineum
- Maintaining records and reports
- Fourth Stage

## **Module V**

### **Assessment and management of women during post natal period**

- Normal puerperium; Physiology Duration
- Postnatal assessment and management
  - Promoting physical and emotional well-being
  - Lactation management
  - Immunization
  - Family dynamics after child-birth.
- Family welfare services; method counseling
- Follow-up
- Records and reports

## **Module VI**

### **Assessment and management of normal neonates**

- Normal Neonate:
  - Physiological adaptation,
  - Initial & Daily assessment
  - Essential newborn care; Thermal control,
  - Breast feeding , prevention of infections
- Immunization
- Minor disorder of newborn and its management
- Level of Neonatal care (level, I, II, & III)
- At primary, secondary and tertiary levels
- Maintenance of Reports and Records

## Module VII

### Pharmaco -therapeutics in obstetrics

- Indication, dosage, action, contra indication and side effects of drugs
- Effect of drugs on pregnancy labour & puerperium
- Nursing responsibilities in the administration of drug in Obstetrics –oxytocins, antihypertensive, diuretics, troglodytic agents, anti –consultants;
- Analgesics and anesthetics in obstetrics
- Effects of maternal medication on foetus and neonate

## Module VIII

### Abnormalities during the post natal periods

- Assessment and management of woman with postnatal complications
  - Puerperial infections, breast engorgement & infections, UTI, thrombo-Embolic disorders, post-partum haemorrhage, Eclampsia and subinvolution,
  - Psychological complications
    - Post partum blues
    - Post partum depression
    - Post partum psychosis

### Examination Scheme:

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA-Extracurricular activity; EE- End Semester Examination**

### Text & References:

#### Text

1. Dawn C.S, *Text Book of Gynaecology & Contraception*, Dawn books, 1994, CIT Road, Calcutta.
2. Dutta D. C., *Text Book of Gynaecology*, New central book agency Ltd., Calcutta.
3. Myles Margaret, *Text Book of Midwives*, Educational low priced books scheme, British Government

#### Reference Books

1. Dawn C.S, *Text Book of Obstetrics*, New central book agency Ltd., Calcutta.
  2. Hawkins & Borune, Shaw's, *Text Book of Gynaecology*, B.I. Churchill Livingstone Pvt. Ltd.
- \*Latest editions of all the suggested books are recommended.

# CHILD HEALTH NURSING (PRACTICAL)

Course Code: NUR2504

Credit Unit-09

## Course Contents

### PAEDIATRIC MEDICINE WARD

#### Duration in weeks: 03

- Taking pediatric History
- Physical examination and assessment of children
- Administer of oral, I/M & IV medicine./fluid
- Calculation of fluid requirements
- Prepare different strength of I.V. fluids
- Apply restraints
- Administer O<sub>2</sub> inhalation by different methods
- Give baby bath
- Feed children by Katori spoon, etc.
- Collect specimens for common investigations
- Assist with common diagnostic procedures
- Teach mothers/parents
  - Malnutrition
  - Oral rehydration therapy
  - Feeding & Weaning
  - Immunization schedule
  - Play therapy
- Specific Disease conditions

### PAEDIATRIC SURGERY WARD

#### Duration in weeks: 03

- Calculate prepare and administer I/V fluids
- Do bowel wash
- Care for ostomies:
  - Colostomy Irrigation
  - Ureterostomy
  - Gastrostomy
  - Enterostomy
- Urinary catheterization and drainage
- Feeding
  - Naso-gastric
  - Jejunostomy
- Care of surgical wounds
  - Dressing
  - Suture removal

### PAEDITRIC OPD / IMMUNIZATION ROOM

#### Duration in weeks: 01

- Assessment of children
- Health assessment
- Developmental assessment

- Anthropometric assessment
- Immunization
- Health/Nutritional Education

### **PAEDRIC MEDICINE AND SURGERY ICU**

#### **Duration in weeks: 1+1**

- Care of a baby Incubator/warmer
- Care of a child on ventilator
- End tracheal suction
- Chest physiotherapy
- Administer fluids with infusion pump
- Total parenteral nutrition
- Phototherapy
- Monitoring of babies
- Cardio Pulmonary resuscitation

#### **Internship**

#### **PEDIATRIC MEDICINE WARD/ICU**

- Integrated Practice

#### **PEDIATRIC SURGERY WARD /ICU**

- Integrated Practice

#### **NICU**

- Integrated Practice

#### **Practical**

Clinical assignment to be done in the Pediatric Ward.

- Give care to assigned pediatric patient-3 (Area wise).
- Nursing Care Plan-1 (Area wise).
- Case Study/Presentation-1 (Area wise).
- Health Talk-1.
- Development Study-1.
- Observation Report (PICU)-1.

#### **Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS/CP</b>	<b>DS</b>	<b>OR</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>20</b>	<b>05</b>	<b>05</b>	<b>10</b>	<b>50</b>	<b>100</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, DS- Developmental Study, OR- Observation Report, HE- Health Education CE-Clinical Evaluation, EPE- External Practical Examination**

# Syllabus – Sixth Semester

## MEDICAL & SURGICAL NURSING (SPECIALITY)-IV

Course Code: NUR2601

Credit Unit-06

**Course description-** The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorder in varieties of health care settings and at home.

### Course Contents

#### Module I

##### Nursing management of patient with disorder of Ear Nose and Throat

- Review of anatomy and physiology of the Ear Nose and Throat –
- Nursing Assessment-History and physical assessment
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of Ear Nose and Throat disorders:
  - External ear: deformities otalgia, foreign bodies, and tumors
  - Middle Ear- Impacted wax, Tympanic membrane perforation, otitis media , otosclerosis, mastoiditis, tumors
  - Inner ear-Meniere’s Disease, labyrinthitis, ototoxicity, tumors
  - Upper airway infections- Common cold, sinusitis, ethimitis, rhinitis, pharyngitis, tonsilit’s and adenoiditis, peritonsilar abscess, laryngitis
- Upper respiratory airway- epistaxis,
- Nasal obstruction, laryngeal obstruction, cancer of the larynx
- Cancer of the oral cavity
- Speech defects and speech therapy
- Deafness-  
Prevention, control and rehabilitation
- Hearing Aids, implanted hearing devices
- Special therapies
- Nursing procedures
- Drugs used in treatment of disorders of Ear Nose and Throat. Role of nurse Communicating with hearing impaired and muteness.

#### Module II

##### Nursing management of patient with disorders of eye

- Review of anatomy and physiology of the eye-
- Nursing Assessment-History and physical assessment
- Etiology, pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of eye disorders:
  - Refractive errors
  - Eyelids-infections, tumors and deformities
  - Conjunctiva-inflammation and infection, bleeding
  - Cornea-inflammation and infection
  - Lens, Cataracts
  - Glaucoma
  - Disorder of the uveal tract,
  - Ocular tumors

- Disorders of posterior chamber and retina: Retinal and vitreous problems
- Retinal detachment.
- Ocular emergencies and their prevention
- Blindness
- National blindness control program
  - Eye Banking
  - Eye prostheses and Rehabilitation
- Role of a nurse-Communication with visually impaired patient, Eye camps
- Special therapies
- Nursing procedures
- Drugs used in treatment of disorders of eye

### **Module III**

#### **Nursing management of patients with Burns, reconstructive and cosmetic surgery**

- Review of anatomy and physiology of the skin and connective tissues and various deformities
- Nursing Assessment-History and Physical assessment and Assessment of burns and fluid and electrolyte loss
- Etiology, Classification, Pathophysiology, clinical manifestations, diagnosis's, treatment modalities and medical & surgical Nursing management of Burns and Re-constructive and Cosmetic surgery;
- Types of Re-constructive and Cosmetic surgery; for burns, congenital deformities, injuries and cosmetic purposes
- Role of Nurse
- Legal aspects
- Rehabilitation
- Special therapies
- Psycho social aspects
- Nursing procedures
- Drugs used in treatment of Burns, reconstructive and cosmetic surgery

### **Module IV**

#### **Nursing management of patients with oncological conditions**

- Structure & characteristics of normal & cancer cells
- Nursing Assessment-History and Physical Assessment
- Prevention Screening, Early detection, Warning signs of cancer
- Epidemiology, Etiology, Classification

Pathophysiology, Staging, clinical manifestations, diagnosis, treatment modalities and Medical, Surgical and Nursing management of oncological conditions.

- Common malignancies of various body systems; Oral, larynx, lung, Stomach and Colon, Liver, Leukemias and lymphomas, Breast, Cervix, Ovary, Uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc.
- Oncological emergencies
- Modalities of treatment
  - Immunotherapy
  - Chemotherapy
  - Radiotherapy
  - Surgical interventions

- Stem cell and Bone marrow transplants
- Gene therapy
- Other forms of treatment
- Psychosocial aspect of cancer.
- Rehabilitation
- Palliative care; Symptom and pain Management, Nutritional support
- Home care
- Hospice care
- Stomal Therapy
- Special therapies
  - Psycho social aspects
- Nursing procedures

## Module V

### **Nursing management of patient in EMERGENCY & DISASTER situations**

- Concept and principles of Disaster Nursing
- Causes and Types of Disaster: Natural and Man- made
  - Earthquakes, Floods, Epidemics, Cyclones
  - Fire, Explosion, Accidents
  - Violence, Terrorism: biochemical War
- Policies related to emergency /disaster management ; International, national, state, institutional
- Disaster preparedness:
- Team, Guidelines, protocols, Equipment's Resources
- Coordination and involvement of; Community, various govt. departments, non-Govt. organizations and International agencies
- Role of nurse: working
- Legal Aspect of Disaster Nursing
- Impact on Health and after effects; Post Traumatic Stress Disorder
- Rehabilitation:Physical psychosocial, Financial, Relocation
- **Emergency Nursing**
- Concept, priorities, principles and Scope of emergency nursing
- Organization of emergency services: physical setup, staffing, equipment and supplies, protocols, Concepts of triage of and role of triage nurse
- Coordination and involvement of different departments and facilities
- Nursing Assessment-History and Physical assessment
- Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and Medical, Surgical and Nursing management of patient with medical and surgical Emergency
- Principles of emergency management
- Common Emergencies
- Respiratory Emergencies
- Cardiac Emergencies
- Shock and Hemorrhage
- Pain
- Poly-Trauma, Road accidents, Crush injuries, Wound
- Bites
- Poisoning; Food, Gas, Drugs, & chemical poisoning
- Seizures

- Thermal Emergencies; Heat stroke & Cold injuries
- Pediatric Emergencies
- Psychiatric Emergencies
- Obstetric Emergencies
- Violence, Abuse, Sexual assault
- Cardio Pulmonary Resuscitation
- Crisis Intervention
- Role of the Nurse; Communication and Interpersonal relations.
- Medico-Legal Aspects

**Examination Scheme:**

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

**Text & References:**

**Text**

1. Chintamani, *Lewis Medical Surgical Nursing*, Mosby Publication
2. Joy and Black, *Medical Surgical Nursing*, W.B. Sounder Publication
3. Sandra M. Nettina, *Lippincott Manual of Nursing Practice*, Wolter Kluwer Pvt. Ltd., New Delhi
4. Brunner and Suddarth's *Text book of medical – surgical nursing*, published by Lippincott Williams and Wilkins

**Reference Books**

1. Bruno peulenic, Patrick Maxial, *Medical Surgical Nursing- Pathophysiological Concept*, J.B .Linnincott Co. Philadelnhia.
2. Sorensen and Luckmann, *Basic Nursing A Psycho-Physiological Approach*, John Wright publishing Co.
3. Perry, Ann G. and Patricia A. Potter, *Clinical Nursing Skills and Techniques*, The C.V Mosby Co., 1990, St Louis.
4. Mary Powell, *Orthopaedic Nursing*, ELBS, 1976.
5. Sathoskar R. S., *Pharmacology and Pharmacotherapeutics*, Bombay popular Prakashan, Bombay.

\* Latest editions of all the suggested books are recommended.

# MIDWIFERY AND OBSTETRICAL NURSING-II

**Course Code: NUR2602**

**Credit Unit-05**

**Course Description-** This course is designed for students to appreciate the concept and principles of midwifery and obstetrical nursing. It helps them to acquire knowledge and skill in rendering nursing care to normal and high risk pregnant women during antenatal, natal and post natal periods in hospital and community settings. It also helps to develop skills in managing normal and high risk neonates and participate in family welfare Programme.

## **Course Contents**

### **Module I**

#### **High-risk pregnancy –assessment & management**

- Screening and assessment
  - Ultrasonic, cardio tomography, NST, CST, Non-invasive and Invasive
  - Newer modalities of diagnosis
- High-risk approach
- Levels of care; primary, secondary and tertiary levels
- Disorders of pregnancy
  - Hyper-emesis gravidarum, bleeding in early pregnancy
  - Abortion, Ectopic Pregnancy and vesicular mole
  - Pregnancy, vesicular mole
  - Ante-partum hemorrhage
- Uterine abnormality and displacement.
- Diseases complicating pregnancy
  - Medical and Surgical conditions
  - Infections, RTI (STD), UTI, HIV, TORCH
  - Gynecological diseases complicating pregnancy
  - Pregnancy induced hypertension & diabetes, Toxemia of pregnancy , hydramnios
  - Rh incompatibility
  - Mental disorders
- Adolescent Pregnancy, Elderly Primi and Grand Multipara
- Multiple pregnancy
- Abnormalities of placenta & cord
- Intra-uterine growth-retardation
- Nursing management of mothers with high-risk pregnancy
- Maintenance of Records and Report

### **Module II**

#### **Abnormal Labour –assessment and management**

- Disorders in labour
  - CPD and contracted pelvis
  - Malpositions and malpresentations
  - Premature labour, disorders of uterine actions – precipitate labour, prolonged labour
  - Complications of third stage: injuries to birth canal
- Obstetrical emergencies and their management;

- Presentations and prolepses of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock
- Obstetrical procedures and operations;
  - Induction of labour, forceps, vacuum version, manual removal of placenta, caesarean section, destructive operations
- Nursing management of women undergoing obstetrical operations and procedures

### **Module III**

#### **Assessment and management of High risk new born**

- Admission of neonates in the neonatal intensive care units: Protocols
- Nursing management of
  - Low birth weight babies
  - Infections
  - Respiratory problems
  - hemolytic disorders
  - Birth injuries
  - Malformations
- Monitoring of high risk neonates
- Feeding of high risk neonates
- Organization and management of neonatal intensive care units
- Infection control in neonatal intensive care units
- Maintenance of Records and Reports

### **Module IV**

#### **Family welfare Programme**

- Population trends and problems in India
- Concepts, aims, importance and history of family welfare Programme
- National Population: dynamics, policy and education
- National family welfare Programme; RCH, ICDS, MCH. Safe motherhood
- Organization and administration: At national, state, district, block and village levels
- Methods of contraception: Spacing, temporary and permanent, Emergency contraception
- Infertility and its management
- Counseling for family welfare
- Latest research in contraception
- Maintenance of vital statistics
- Role of a nurse in family welfare Programme
- Training/Supervision/Collaboration with other functionaries in community like ANMs, LHV, Anganwadi workers, TBAs (Traditional birth attendant-Dai)

#### **Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage(%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA-Extracurricular activity; EE- End Semester Examination**

## **Text & References:**

### **Text**

Dawn C.S, *Text Book of Gynaecology & Contraception*, Dawn books, 1994, CIT Road, Calcutta.

Dutta D. C., *Text Book of Gynaecology*, New central book agency Ltd., Calcutta.

Myles Margaret, *Text Book of Midwives*, Educational low priced books scheme, British Government

### **Reference Books**

Dawn C.S, *Text Book of Obstetrics*, New central book agency Ltd., Calcutta.

Hawkins & Borune, Shaw's, *Text Book of Gynaecology*, B.I. Churchill Livingstone Pvt. Ltd.

\*Latest editions of all the suggested books are recommended.

# MENTAL HEALTH NURSING

**Course Code: NUR2603**

**Credit Unit-9**

**Course description-** This course is designed for developing an understanding of the modern approach mental health, identification, prevention and nursing management of common Mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

## **Course Contents**

### **Module I**

#### **Introduction**

- Perspectives of Mental Health and Mental Health nursing: evolution of mental Health services, treatments and nursing practices.
- Prevalence and incidence of mental health problems and disorders.
- Mental Health Act
- National Mental Health policy vis a vis National Health Policy
- National Mental Health Programme
- Mental health team
- Nature and scope of mental health nursing
- Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice
- Concepts of normal and abnormal behavior

### **Module II**

#### **Principles and Concepts of Mental Health Nursing**

- Definition: mental health nursing and terminology used
- Classification of mental disorders: ICD
- Review of personality development, defense mechanisms
- Maladaptive behavior of individuals and group: stress, crisis and disaster (s)
- Etiology: bio-psycho-social factors
- Psychopathology of mental disorders: review of structure and function of brain, limbic system and abnormal neurotransmission
- Principles of Mental health Nursing
- Standard of Mental health Nursing practice
- Conceptual models and the role of nurse:
  - Existential Model
  - Psycho-analytical models
  - Behavioral model
  - Interpersonal model

### **Module III**

#### **Assessment of mental health status**

- History taking
- Mental status examination
- Mini mental status examination
- Neurological examination: Review
- Investigations: Related Blood chemistry, EEG, CT & MRI
- Psychological tests
- Role and responsibilities of nurse

#### **Module IV**

##### **Therapeutic communication and nurse-patient relationship**

- Therapeutic communication: Types, techniques, characteristics
- Types of relationship,
- Ethics and responsibilities
- Elements of nurse patient contract
- Review of technique of IPR- Johari Window
- Goals, phases, tasks, therapeutic techniques
- Therapeutic impasse and its intervention

#### **Module V**

##### **Treatment modalities and therapies used in mental disorders**

- Psycho Pharmacology
- Psychological therapies: Therapeutic community, psychotherapy-Individual: psycho-analytical, cognitive and supportive, family, Group, Behavioral, Play, Psycho-drama, Music, Dance, Recreational and Light therapy, Relaxation therapies: Yoga, Meditation, bio feedback
- Alternative system of medicine
- Occupational therapy
- Physical Therapy : electro convulsive therapy
- Geriatric considerations
- Role of nurse in above therapies

#### **Module VI**

##### **Nursing management of patient with Schizophrenia, and other psychotic disorders**

- Classification: ICD
- Etiology, psycho-pathology, types, clinical manifestations, diagnosis
- Nursing Assessment-History, physical and mental assessment
- Treatment modalities and nursing management of patients with schizophrenia and other psychotic disorders
- Geriatric considerations
- Follow-up and home care and rehabilitation

#### **Module VII**

##### **Nursing management of patient with mood disorders**

- Mood disorders: Bipolar affective disorder, Mania depression and dysthymia etc
- Etiology, psycho-pathology, clinical manifestations, diagnosis,
- Nursing Assessment –History, Physical and mental assessment
- Treatment modalities and nursing management of patients with mood disorders
- Geriatric considerations
- Follow up and home care and rehabilitation

#### **Module VIII**

##### **Nursing management of patient with neurotic, stress related and somatization disorders**

- Anxiety disorder, Phobias, Dissociation and Conversion disorder Obsessive , compulsive disorder, somatoform disorders, Post traumatic stress disorder
- Etiology, psycho-pathology, clinical manifestations, diagnosis
- Nursing Assessment-History, Physical and mental assessment
- Treatment modalities and nursing management of patients with neurotic, stress related and somatization disorders

- Geriatric considerations
- Follow up and home care and rehabilitation

### **Module IX**

#### **Nursing management of patient with Substance use disorders**

- Commonly used psychotropic substance: Classification, forms, routes, action, intoxication and withdrawal
- Etiology of dependence: tolerance, physical dependence, withdrawal syndrome, diagnosis,
- Nursing Assessment –History, Physical, mental assessment and drug assay
- Treatment (detoxification, ant abuse and narcotic antagonist therapy and harm reduction ) and nursing management of patients with substance use disorders
- Geriatric considerations
- Follow-up and home care and rehabilitation

### **Module X**

#### **Nursing management of patient with personality, Sexual and Eating disorders**

- Classification of disorders
- Etiology, psycho-pathology, clinical manifestations, diagnosis,
- Nursing Assessment –History, Physical and mental assessment
- Treatment modalities and nursing management of patients with personality, Sexual and Eating disorders
- Geriatric considerations
- Follow up and home care and rehabilitation

### **Module XI**

#### **Nursing management of childhood and adolescent disorders including mental deficiency**

- Classification
- Etiology, psycho-pathology, characteristics , diagnosis
- Nursing Assessment –History, Physical and mental and IQ assessment
- Treatment modalities and nursing management of childhood disorder including mental deficiency
- Follow-up and home care and rehabilitation

### **Module XII**

#### **Nursing management of organic brain disorders**

- Classification: ICD
- Etiology, psycho-pathology, clinical features diagnosis, and Differential diagnosis (parkinsons and alzheimers )
- Nursing Assessment –History, Physical, mental and neurological assessment
- Treatment modalities and nursing management of organic brain disorders
- Geriatric considerations
- Follow up and home care and rehabilitation

### **MODULE XIII**

#### **Psychiatric Emergencies and Carry out crisis intervention**

- Types of psychiatric emergencies and the management
- Stress adaptation Model: stress and stressor, coping, resources and mechanism
- Grief: Theories of grieving process, principles, techniques of counseling
- Type of crisis
- Crisis Intervention: principles, Techniques and process

- Geriatric considerations
- Role and responsibilities of nurse

#### Module XIV

##### Legal Issues in Mental Health Nursing

- The Mental Health Act 1987: Act, Sections, Articles and their implications etc.
- Indian Lunacy Act. 1912
- Rights of mentally ill clients
- Forensic psychiatric
- Acts related to narcotic and psychotropic substances and illegal drug trafficking
- Admission and discharge procedures
- Role and responsibilities of nurse

#### Module XV

##### Community Mental Health Nursing

- Development of Community Mental Services:
- National Mental Health Programme
- Institutionalization Versus Deinstitutionalization
- Model of preventive psychiatry: Levels of prevention
- Mental Health Services available at the primary, secondary, tertiary levels including rehabilitation and Role of nurse
- Mental Health Agencies: Government and voluntary, National and International
- Mental health nursing issues for special populations: Children, Adolescence, Women, Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc.

#### Examination Scheme:

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA-Extracurricular activity; EE- End Semester Examination**

#### Text & References:

##### Text

1. Taylor C.M., *Essentials of Psychiatric Nursing*, CV Mosby Co., London.
2. Bimlakapoor CV, *A Text Book of Psychiatric Nursing*, Mosby Co., Delhi.
3. Shivas, *Basic Concept of Psychiatric Mental Health Nursing*, B.I Publications.

##### Reference Books

1. Brown R. T. Feldman G. R., *Epilepsy -Diagnosis and Management*, Little Brown And Co., Toronto.
2. Beck M. C. Rawtins P. R. & et al, *Mental Health – Psychiatric Nursing*. The C.V. Mosby Co., Ltd. Toronto.
3. Coleman C. J, *Abnormal Psychology and Modern Life*. P. B. Tara and Sons Co. Pvt Ltd
4. Kaplan H. Saddock B, *Synopsis of Psychiatry*, William sand Wilkins, Bathmov.
5. Stuart W. G. Sundeen J. S, *Principles and Practice of Psychiatric Nursing*, Mosby Year Book, London.

\* Latest editions of all the suggested books are recommended.

# MEDICAL & SURGICAL NURSING –III & IV (PRACTICAL)

Course Code: NUR2604

Credit Unit-09

## Course Contents

### ENT

#### Duration in Weeks: 01

- Perform examination of ear, nose and throat
- Assist with diagnostic procedures
- Assist with therapeutic procedures
- Instillation of drops
- Perform/assist with irrigations.
- Apply ear bandage
- Perform tracheotomy care
- Teach patients and families
- Maintain drug book

### OPHTHAMOLOGY

#### Duration in Weeks: 01

- Perform examination of eye
- Assist with diagnostic procedures
- Assist with therapeutic procedures
- Perform/assist with irrigations.
- Apply eye bandage
- Apply eye drops/ointments
- Assist with foreign body removal.
- Teach patients and families
- Maintain drug book

### NEUROLOGY

#### Duration in Weeks: 02

- Perform Neurological Examination
- Use Glasgow coma scale
- Assist with diagnostic procedures
- Assist with therapeutic procedures
- Teach patients & families
- Participate in rehabilitation program

### GYNECOLOGY WARD

#### Duration in Weeks: 01

- Assist with gynecological Examination
- Assist with diagnostic procedures
- Assist with therapeutic procedures
- Teach patients families
- Teaching self-Breast Examination
- Assist with PAP smear collection
- Maintain drug book

## **BURNS UNIT**

### **Duration in Weeks: 01**

- Assessment of the burns patient
  - Percentage of burns
  - Degree of burns
- Fluid & electrolyte replacement therapy
  - Assess
  - Calculate
  - Replace
  - Record intake/out put
- Care of Burn wounds
  - Bathing
  - Dressing
- Perform active & passive examination
- Practice medical & surgical asepsis
- Counsel and teach patients and families
- Participate in rehabilitation program

## **ONCOLOGY UNIT**

### **Duration in Weeks: 01**

- Screen for common cancers-TNM Classification
- Assist with diagnostic procedures
  - Biopsies
  - Pep smear
  - Bone-marrow aspiration
- Breast examination
- Assist with therapeutic procedures
- Participates in various modalities of treatment
  - Chemotherapy
  - Radiotherapy
  - Pain management
  - Stomalththerapy
  - Hormonal therapy
  - Immuno therapy
  - Gene therapy
  - Alternative therapy
- Participate in palliative care
- Counsel and teach patients and families
  - Self-Breast Examination
  - Warning signs
- Participate in rehabilitation program

## **CRITICAL CARE UNIT**

### **Duration in Weeks: 02**

- Monitoring of patients in ICU
- Maintain flow sheet
- Care of patient on ventilators
- Perform Endotracheal suction

- Demonstrates use of ventilators, cardiac monitors etc,
- Collect specimens and interprets ABG analysis
- Assist with arterial Puncture
- Maintain CVP line
- Pulse oximetry
- CPR-ALS
- Defibrillators
- Pace makers
- Bag-mask ventilation
- Emergency tray/trolley-Crash Cart
- Administration of drugs
  - Infusion pump
  - Epidural
  - Intra thecal
  - Intracardiac
- Total parenteral therapy
- Chest physiotherapy
- Perform active & passive exercise
- Counsel the patient and family in dealing with grieving and bereavement

### **CAUALTY / EMERGENCY**

**Duration in Weeks: 01**

- Practice ‘triage’
- Assist with assessment, examination , investigations & their interpretations, in emergency and disaster situations
- Assist in documentations
- Assist in legal procedures in emergency unit
- Participate in managing crowd
- Counsel patients and families in grief and bereavement

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS/CP</b>	<b>MDB</b>	<b>OR</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>20</b>	<b>05</b>	<b>05</b>	<b>10</b>	<b>50</b>	<b>100</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, MDB-Maintain Drug Book, OR- Observation Report, HE- Health Education, CE-Clinical Evaluation, EPE- External Practical Examination**

# MIDWIFERY AND OBSTETRICAL NURSING-I & II (PRACTICAL)

Course Code: NUR2605

Credit Unit-12

## Course Contents

### ANTENATAL CLINIC/OPD

#### Duration in Weeks: 02

- Antenatal history taking Physical examination
- Recording of Weight & B.P
- Hb& Urine testing for sugar and albumin
- Antenatal examination-abdomen and breast
- Immunization
- Assessment of risk status
- Teaching antenatal mothers
- Maintenance of Antenatal records
- Case book recording

### LABOUR ROOM AND OT

#### Duration in Weeks: 04

- Assessment of Women in labour
- Pervaginal examinations and interpretation
- Monitoring and caring of woman in labour
- Maintenance of partograph
- Conduct normal delivery
- Newborn assessment and immediate care
- Resuscitation of newborns
- Assessment of risk status of newborn
- Episiotomy and suturing
- Maintenance of labour and birth records
- Arrange for and assist with Caesarean section and care for woman & baby during Caesarean
- Arrange for and assist with **MTP** and other surgical procedures
- Case book recording

### POST NATAL WARD

#### Duration in Weeks: 04

- Examination and assessment of mother and Baby
- Identification of deviations
- Care of postnatal mother and baby
- Perinealcare
- Lactation management
- Breast feeding
- Baby bath
- Immunization ,
- Teaching postnatal mother :
  - Mother craft

- Post natal care &
- Exercises
- Immunization
- Case book recording

### **NEW BORN NURSERY**

#### **Duration in Weeks: 02**

- Newborn assessment
- Assessment of neonates
- Feeding of at risk neonates
  - Katori spoon, paladi, tube feeding, total parenteral nutrition
- Thermal management of neonates-Kangaroo mother care, care of baby in incubator
- Monitoring and care of neonates
- Administering medications
- Intravenous therapy
- Assisting with diagnostic procedure
- Assisting with exchange transfusion
- Care of baby on ventilator
- Phototherapy
- Infection control protocols in the nursery
- Teaching and counseling of parents
- Maintenance of neonatal records

### **FAMILY PLANNING CLINIC**

#### **Rotation from post natal ward: 01 week**

- Counseling technique
- Insertion of IUD
- Teaching on use of family planning methods
- Arrange for and Assist with family planning operations
- Maintenance of records and reports

#### **Essential requirements for registration as midwife**

- Antenatal examination - 30
- Conducting normal deliveries in hospital /home /health centre-20
- Vaginal examination - 05
- Episiotomy and suturing - 05
- Neonatal resuscitation - 05
- Assist with Caesarean section - 02
- Witness/Assist abnormal deliveries - 05
- Postnatal cases nursed in hospital /home/health centre -20
- Insertion of IUD - 20

**Note:** All casebooks must be certified by teacher on completion of essential requirements.

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS/CP</b>	<b>CBR</b>	<b>OR</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>10</b>	<b>20</b>	<b>05</b>	<b>10</b>	<b>50</b>	<b>100</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, CBR-Case Book Recording, OR- Observation Report, HE- Health Education, CE-Clinical Evaluation, EPE- External Practical Examination**

# MENTAL HEALTH NURSING (PRACTICAL)

Course Code: NUR2606

Credit Unit-09

## Course Contents

### PSYCHITRIC OPD

#### Duration in Weeks: 01

- History taking
- Perform mental status examination (MSE)
- Assist in Psychometric assessment
- Perform Neurological examination
- Observe and assist in therapies
- Teach patients and family members

### CHILD GUIDANCE CLINIC

#### Duration in Weeks: 01

- History taking
- Assist in Psychometric assessment
- Perform Neurological examination
- Observe and assist in various therapies
- Teach family and significant others

### IN-PATIENT WARD

#### Duration in Weeks: 06

- History taking
- Perform mental status examination (MSE)
- Perform Neurological examination
- Assist in psychometric assessment
- Record therapeutic communication
- Administer medications
- Assist in Electroconvulsive Therapy (ECT)
- Participate in all therapies
- Prepare patients for Activities of Daily living (ADL)
- Conduct admission and discharge counseling
- Counsel and teach patients and families
- Maintain drug book

### COMMUNITY PSYCHIATRY

#### Duration in Weeks: 01

- Conduct case work
- Identify individuals with mental health problems
- Assists in mental health camps and clinics
- Counsel and Teach family members, patients and community

**Examination Scheme:**

<b>Components</b>	<b>MSE</b>	<b>NCP</b>	<b>CS/CP</b>	<b>PR</b>	<b>OR</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>05</b>	<b>05</b>	<b>50</b>	<b>100</b>

**MSE- Mental status examination, NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, PR-Process Recording, OR-Observation Report, HE- Health Education, CE-Clinical Evaluation, EPE- External Practical Examination**

# Syllabus – Seventh Semester

## COMMUNITY HEALTH NURSING- III

**Course Code: NUR2701**

**Credit Unit-09**

**Course Description-** This course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concept and principles of health and community health nursing.

### Course Contents

#### Module I

##### Introduction

- Definition, concept & scope of Community Health and Community Health Nursing
- Historical development of
  - Community Health and
  - Community Health Nursing
    - Pre-independence
    - Post- independence

#### Module II

##### Health planning and polices and problems

- National health planning in India- Five Year Plans
- Various committees and commissions on health and family welfare
  - Central council for health and family welfare (CCH and FW)
  - National health polices (1983, 2002)
  - National population policy
- Health problems in India

#### Module III

##### Delivery of community health services

- Planning, budgeting and material management of SCs, PHC and CH
- Rural: Organization, staffing and functions of rural health services provided by government at:
  - Village
  - Sub centre
  - Primary health centre
  - Community Health centre/sub divisional
  - Hospital
  - District
  - State
  - Centre
- Urban: Organization, staffing and function of urban health services provided by government at:
  - Slums
  - Dispensaries
  - Maternal and child health centers
  - Special Clinics
  - Hospitals
  - Corporation /Municipality/Board

- Components of health services
  - Environmental sanitation
  - Health education
  - Vital statistics
  - M.C.H. –antenatal, natal, postnatal, MTP Act, female foeticide act, child adoption act
  - Family welfare
  - National health Programmes
  - School health service
  - Occupational health
  - Defense services
  - Institutional services
- Systems of medicine and health care
  - Allopathy
  - Indian System of Medicine and Homeopathy
  - Alternative health care systems like yoga, meditation, social and spiritual healing etc
- Referral system

#### **Module IV**

#### **Community health nursing approaches, concepts and roles and responsibilities of nursing personnel**

- **Approaches**
  - Nursing theories And Nursing process
  - Epidemiological approach
  - Problem solving approach
  - Evidence based approach
  - Empowering people to care for themselves
- **Concepts of Primary Health Care:**
  - Equitable distribution
  - Community participation
  - Focus on prevention
  - Use of appropriate technology
  - Multi-sectorial approach
- **Roles and responsibilities of Community health nursing personnel in**
  - Family health services
  - Information Education Communication (IEC)
  - Management Information system (MIS): Maintenance of Records & reports
  - Training and supervision of various categories of health workers
  - National Health Programmes
  - Environmental sanitation
  - Maternal and child health and family welfare
  - Treatment of Minor ailments
  - School Health Services
  - Occupational Health
  - Organization of clinics, camps: Types, Preparation, planning, conduct and evaluation
  - Waste management in the center, clinic etc.
- Home visit: Concept, Principles, Process, Techniques: Bag technique, home visit
- Qualities of Community Health Nurse
- Job Description of Community health nursing personnel

## **Module V**

### **Assisting individuals and groups to promote and maintain their health**

- Empowerment for self-care of individuals, families and groups in-
- Assessment of self and family
  - Monitoring growth and development
    - Mile stones
    - Weight measurement
    - Social development
  - Temperature and Blood pressure monitoring
  - Menstrual cycle
  - Breast self-examination and testicles
  - Warning Signs of various diseases
  - Tests; Urine for sugar and albumin, blood sugar
  
- Seek health services for
  - Routine checkup
  - Immunization
  - Counseling
  - Diagnosis
  - Treatment
  - Follow up
  
- Maintenance of health records for self and family
- Continue medical care and follow up In community for various disease and disabilities
- Carryout therapeutic procedures as prescribed /required for self and family
- Waste Management
  - Collection and disposable of waste at home and community
  
- **Sensitize and handle social issue affecting health and development self and family**
  - Women Empowerment
  - Women and child abuse
  - Abuse of elders
  - Female Foeticide
  - Commercial sex workers
  - Food adulteration
  - Substance abuse
  
- **Utilize community resources for self and family**
  - Trauma services
  - Old age homes
  - Orphanage
  - Home for physically and mentally challenged individuals
  - Homes for destitute

## **Module VI**

### **National health and family welfare programmes and the role of a nurse**

- National ARI programme
- Revised National Tuberculosis Control Programme (RNTCP)
- National Anti-Malaria programme

- National Guinea worm eradication programme
- National Leprosy eradication programme
- National AIDS control programme
- STD control programme
- National programme for control of blindness
- Iodine deficiency disorder programme
- Expanded programme on immunization
- National Family Welfare Programme –RCH Programme historical development, Organization, administration, research, constraints
- National water supply and sanitation programme
- Minimum Need programme
- National Diabetics control programme
- Polio Eradication: Pulse Polio programme
- National Cancer Control programme
- Yaws Eradication programme
- National Nutritional Anemia Prophylaxis programme
- 20 point programme
- ICDS programme
- Mid-day meal applied nutritional programme
- National mental health programme
- Health schemes
  - ESI
  - CGHS
  - Health insurance

## Module VII

### Health Agencies

- International – WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, DANIDA, European Commission (EC), Red cross, USAID, UNESCO, Colombo Plan, ILO, CARE etc.
- National- Indian Red Cross, Indian Council for child Welfare, Family Planning Association of India (FPAI), Tuberculosis Association of India, Hindu KushtNivaranSangh, Central Social Welfare Board , All India women’s conference , Blind Association of India etc.

### Examination Scheme:

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

### Text & References:

#### Text

1. Park J. E, Text Book of Preventive and Social Medicine, MsBanarsidasBhanhot Co., Jabalpur.
2. Dr.Mrs.kasturiSundaRao, "An Introduction to Community Health Nursing" BI Publications , Chennai
3. S.Kamalam "Essentials in Community Health Nursing Practice" Jaypee Publications, New Delhi
4. SunitaPatney "Text Book of Community Health Nursing" CBS publishers, New Delhi

## References

1. Clark, June & Jill Handerson, *Community Health*, Churchill Livingstone, New York.
2. Freeman B. Ruth, *Public Health Practices*, W. W. Saunders Co, Philadelphia.
3. Fromer Joan Margot, *Community Health Care and the Nursing process*, C. V. Mosby Co, Toronto.
4. Park J. E, *Text Book of Preventive and Social Medicine*, MsBanarsidasBhanhot Co., Jabalpur.
5. Park K, *Text Book of Preventive and Social Medicine*, MsBanarsidasBhanhot Co, Jabalpur.
6. Rao S. Kasthi, *An Introduction to Community Health Nursing*, B. I. Publishers, Madras.
7. Stan hope & Lancaster Janette, *Community Health Process and Practice for Promoting Health*, The C.V Mosby & CO. London.

\* Latest editions of all the suggested books are recommended.

# NURSING RESEARCH AND STATISTICS

**Course Code: NUR2702**

**Credit Unit-05**

**Course Description-** This course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/participate in need based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting Individual /group research project.

## **Course Contents**

### **Module I**

#### **Research and research process**

- Introduction and need for nursing research
- Definition of Research & nursing research
- Step of scientific method
- Characteristics of good research
- Step of Research process-overview

### **Module II**

#### **Research Problem/Question**

- Identification of problem area
- Problem statement
- Criteria of a good research problem
- Writing objective

### **Module III**

#### **Review of Literature**

- Location
- Sources
- On line search: Cinhal, Cocharneetc
- Purposes
- Method of review

### **Module IV**

#### **Research Approaches and Designs**

- Historical, survey and experimental
- Qualitative and Quantitative designs

### **Module V**

#### **Sampling and Data Collection**

- Definition of Population, Sample, Sampling criteria, Factors influencing sampling process, types of sampling techniques.
- Data-why, what, from whom, when and where to collect
- Data collection methods and instruments:
  - Methods of data collection
  - Question interviewing
  - Observations, record analysis and measurement
  - Types of instruments

- Validity & variability of the Instrument
- Pilot study
- Data collection procedure

**Analysis of data:**

- Compilation, Tabulation, classification, summarization, presentation, interpretation of data

**Module VI**

**Research and research process**

- Definition, use of statistics, scales of measurement.
- Frequency distribution and graphical presentation of data
- Mean, Median, Mode, Standard deviation
- Normal Probability and tests of significance
- Co-efficient of correlation.
- Statistical packages and its applications

**Module VII**

**Introduction to statics**

- Definition, use of statistics, scales of measurement
- Frequency distribution and graphical presentation of data
- Mean, Median, Mode, Standard deviation
- Normal Probability and tests of significance
- Co-efficient of correlation
- Statistical packages and its application

**Module VIII**

**Communication and utilization of Research**

- Communication of research :
  - Verbal findings
  - Writing research
  - Writing research report
  - Critical review of published research
  - Utilization of research finding

**Examination Scheme:**

Components	ATT	HA	CT	SE	EA	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA-Extracurricular activity; EE- End Semester Examination**

**Text & References:**

**Text**

1. Polit. D. F. and Hungler, B. P, *Essentials of Nursing Research*, J. B. Lippincott Co., Philadelphia.
2. Basavanthappa B.T, *Nursing Research*, Jaypee Brothers, 2003, New Delhi

**References**

1. Treece, E. W. and Treece J. W, *Elements of Research in Nursing*, C.V. Mosby Co., St. Louis.
2. Garrett H.E, *Statistic in Psychology & Education*, Vakils, Feffer and Samons, Bombay.
3. Mahajan B.K, *Methods in Biostatistics*, Jaypee medical publication, 1999, New Delhi.

\* Latest editions of all the suggested books are recommended.

# MANAGEMENT OF NURSING SERVICES AND EDUCATION

**Course Code: NUR2703**

**Credit Unit-09**

**Course Description:** This course is designed to enable students to acquire understanding of management of clinical and community health nursing services, nursing educational programmes. This is also design to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

## Course Contents

### Module I

#### Introduction to Management in Nursing

- Definition, concepts and theories
- Functions of management
- Principles of Management
- Role of a Nurse as a manager

### Module II

#### Management process

- Planning: mission, philosophy, objectives, operational plan
- Staffing: philosophy, staffing study, norms, activities, patient classification systems, scheduling
- Human resource management; recruiting, selecting, deployment, retaining, promoting, super annuationetc
- Budgeting: concept, principles, types, cost benefit analysis, audit
- Material management: equipment and supplies
- Directing process (Leading )
- Controlling: Quality management
- Program Evaluation Review Technique (PERT), Technique (Bench) marking, Activity Plan (Gantt chart)

### Module III

#### Management of nursing services in the hospital and Community

- Planning:
  - Hospital and patient care Units including ward management
  - Emergency and disaster management
- Human resource management:
  - Recruiting, selecting, development, retaining promoting, superannuation etc
  - Categories of nursing personnel maturing job description of all levels
  - Patient/ population classification systems
  - Patients/population assignment and Nursing care responsibilities
  - Staff development and welfare
- Budgeting: proposal projecting, requirement for staff, equipment and supplies for
  - Hospital and patient care Units.
  - Emergency & disaster management.
- Material Management Procurement inventory control, auditingMaintenance in:
  - Hospital & Patient Care Unit.
  - Emergency & Disaster Management.
- Directing & Leading.

- Delegation Participatory Management
- Assignments, Rotations Delegations,
- Supervision n & guidance ,
- Implement Standards Policies,
- Processors & Practices.
- Staff Development & welfare,
- Maintenance of Discipline.
- Controlling / Evaluation:
  - Nursing Rounds, Visits, Nursing Protocols Manuals.
  - Records and reports
  - Performance appraisal
  - Quality Assurance Model

#### **Module IV**

##### **Organizational behavior and human relations**

- Concepts and theories of organizational behaviors
- Review of Channels of communication
- Leadership styles
- Review of Motivation; concepts and theories
- Group dynamics
- Techniques of;
  - Communication; and
  - Interpersonal relationships
  - Human relations;
- Public relations in context of nursing
- Relations with professional associations, employee unions and collective bargaining

#### **Module V**

##### **In service education**

- Nature & scope of in-service education program
- Organization of in service education
- Principles of adult learning,
- Planning for in-service education program, techniques, methods & evaluation of staff education program
- Preparation of report

#### **Module VI**

##### **Management of nursing educational institutions**

- Establishment of Nursing educational institutional-INC norms and guidelines
- Co-ordination with-
  - Regulatory bodies
  - Accreditation
  - Affiliation
  - Philosophy/objective
  - Organization
  - Structure
  - Committees
  - Physical facilities: College/School and Hostel
  - Students: Selection, Admission, Guidance and Counseling and Maintaining discipline

- Faculty and staff: Selection, Requirement, Job discussion, Placement, Performance appraisal, Development and welfare
- Budgeting
- Equipment's and supplies: audio visual equipment, laboratory equipment, books, journals etc
- Curriculum: Planning, Implementation and Evaluation,
- Clinical facilities
- Transport facilities
- Institutional Records and reports- administrative, faculty, staff and students

## **Module VII**

### **Nursing as a profession**

- Nursing as a profession
  - Philosophy; nursing practice
  - Aims and objectives
  - Characteristics of a professional nurse
  - Regulatory bodies; INC, SNC Acts:- constitution, functions
  - Current trends and issues in Nursing
- Professional ethics
  - Code of ethics; INC, ICN
  - Code of professional conduct; INC, ICN
- Practice standards for Nursing; INC
- Consumer protection act
- Legal aspects in Nursing
  - Legal terms related to practice:Registration and licensing
  - Laws related to nursing practice: Breach and penalties
  - Malpractice and negligence

## **Module VIII**

### **Professional Advancement**

- Continuing education
- Career Opportunities
- Collective bargaining
- Membership with Professional organizations; National and International
- Participation in research activities
- Publications: Journals, Newspapers etc.

### **Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage(%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

## **Text & References:**

### **Text**

1. Jogindra Vati, *Principles & Practice of Nursing Management & Administration*, Jaypee Brothers, New Delhi, 1<sup>st</sup> edition, 2013
2. Jean Barrett, *Ward Management and Teaching*, Himalayan Books, New Delhi

### **References**

1. Goel S.L, *Health Care Administration*, Seterling Publication New Delhi.
2. Jean Barrett, *Ward Management and Teaching*, Himalayan Books, New Delhi.
3. Goyal R.C, *Hospital Personal Management*, Prentice Hall India, New Delhi.
4. Awasthi, *Public Administration*, Makeswar, Publication Laxmi Narayan Agarwal, 1987.
5. TNAI, *Nursing Administration and Management*, 1<sup>st</sup> edition, 2000
6. Rebecca Samson, *Leadership and Management in Nursing Practice and Education*, Jaypee Brothers, New Delhi, 1<sup>st</sup> edition, 2009

\* Latest editions of all the suggested books are recommended.

# COMMUNITY HEALTH NURSING-I, II & III (PRACTICAL)

Course Code: NUR2704

Credit Unit-10

## Course Contents

### Community Health Nursing

**Duration: 01 week for Urban and 04 weeks for Rural**

- Use techniques of interpersonal relationship
- Identification of health determinants of community
- History taking
- Physical examination
- Collect specimens sputum, malaria smear
- Perform simple lab tests at center-blood for Hemoglobin and sugar, urine for albumin and sugar
- Administer vaccines and medications to adults
- Counsel and teach individual, family and community
  - ✓ Nutrition
  - ✓ Hygiene
  - ✓ Self-health monitoring
  - ✓ Seeking health services
  - ✓ Healthy life style
  - ✓ Family welfare methods
  - ✓ Health promotion
- Community health survey
- Community diagnosis
- Family care: Home adaptation of common procedures
- Home visit: Bag technique
- Organize and conduct clinics-antenatal, post natal, well baby clinic, camps etc
- Screen manage and referrals for:
  - High risk mothers and neonates
  - Accidents and emergencies
  - Illness: Physical and mental
  - Disabilities
- Conduct delivery at centre/home: episiotomy and suturing
- Resuscitate newborn
- School Health programme
  - Screen , manage , refer children
- Collaborate with health and allied agencies.
- Train and Supervise health workers
- Provide family welfare services: insertion of IUD
- Provide family welfare services: insertion of IUD
- Counsel and teach individual, family and community about: HIV, TB, Diabetes, hypertension, mental health adolescent elderly's health physically and mentally challenged individuals etc.
- Collect and Calculate Vital health Statistics
- Document and maintain
  - Individuals, family and administrative records.
- Write reports-center, disease, national health programme /projects
- Daily diary writing

- Complete case book / Activity record book

**Examination Scheme:**

<b>Components</b>	<b>FS</b>	<b>P</b>	<b>SR</b>	<b>OR</b>	<b>HE</b>	<b>CE</b>	<b>EPE</b>
<b>Weightage (%)</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>05</b>	<b>05</b>	<b>50</b>	<b>100</b>

**FS- Family Study, P- Project, SR- Survey Report, OR-Observation Report, HE- Health Education, CE-Clinical Evaluation, EPE- External Practical Examination**

## Syllabus – Eighth Semester

### MIDWIFERY AND OBSTETRICAL NURSING (INTERNSHIP)

**Course Code: NUR2801**

**Credit Unit-05**

**Skills:** Integrated practice by providing comprehensive care to mother and neonates

**Areas:** Duration in weeks

- Labour ward: 02
- Neonatal Intensive care unit: 01
- Antenatal: 02

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS/CP</b>	<b>CBR</b>	<b>HE</b>	<b>CE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>10</b>	<b>20</b>	<b>10</b>	<b>50</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, CBR-Case Book Recording, HE- Health Education, CE-Clinical Evaluation**

## **COMMUNITY HEALTH NURSING (INTERNSHIP)**

**Course Code: NUR2802**

**Credit Unit-04**

**Skill:** Integrated practice by providing compressive care to Individual, family and Community. And group project one in each rural and urban

**Areas:**Duration in weeks

- Urban: 02
- Rural: 02

**Examination Scheme:**

<b>Components</b>	<b>FS</b>	<b>GP</b>	<b>HE</b>	<b>CE</b>
<b>Weightage(%)</b>	<b>20</b>	<b>10</b>	<b>20</b>	<b>50</b>

**FS- Family Study, GP- Group Project, HE- Health Education, CE-Clinical Evaluation**

## **MEDICAL & SURGICAL NURSING (INTERNSHIP)**

**Course Code: NUR2803**

**Credit Unit-09**

**Skills:** Integrated practice in different areas by providing care to patients with Medical and Surgical Conditions including emergencies and assets with common operations.

**Areas:** Duration in weeks

- Medical Ward: 02
- Surgical Ward: 02
- Critical Care Unit/ICCU: 01
- Causality/Emergency: 02
- Operation Theatre: 02

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS</b>	<b>CP</b>	<b>HE/GP</b>	<b>CE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>20</b>	<b>50</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, HE- Health Education, GP- Group Project, CE-Clinical Evaluation**

## **CHILD HEALTH NURSING (INTERNSHIP)**

**Course Code: NUR2804**

**Credit Unit-03**

**Skills:** Integrated practice in different areas by providing compressive care to children with Medical and Surgical Conditions including intensive care to neonates.

**Areas:** Duration in weeks

- Pediatric Medical Ward / ICU: 01
- Pediatric Surgical Ward / ICU: 01
- NICU: 01

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS</b>	<b>CP</b>	<b>HE/GP</b>	<b>CE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>20</b>	<b>50</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, HE- Health Education, GP- Group Project, CE-Clinical Evaluation**

## **MENTAL HEALTH NURSING (INTERNSHIP)**

**Course Code: NUR2805**

**Credit Unit-02**

**Skills:** Integrated practice by providing compressive care to patients with mental health problems.

**Areas:** Duration in weeks

- Psychiatric Ward: 02

**Examination Scheme:**

<b>Components</b>	<b>NCP</b>	<b>CS</b>	<b>CP</b>	<b>HE/GP</b>	<b>CE</b>
<b>Weightage(%)</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>20</b>	<b>50</b>

**NCP- Nursing Care Plan, CS- Case Study, CP- Case Presentation, HE- Health Education, GP- Group Project, CE-Clinical Evaluation**

## DISSERTATION (NURSING RESEARCH)

Course Code: NUR2837

Credit Unit-02

**Objectives:** During the training the students is expected to learn about research problem, research methodology, research plan, implementation and statistical methods. The knowledge will be utilized for improving the quality of nursing practice and education.

### Guidelines:

- During the clinical training a student is supposed to write a research project work related to the profession of nursing, based on his/her interest.
- Project work would be under the supervision of internal faculty located for the project guiding appointed by the Principal/Director of college of nursing.
- The research project would be completed and submitted before the completion of eighth semester of the course (i.e. teaching work).
- Before the submission of project the student will be require to make a presentation before the research committee through power point presentation.
- The assessment of performance of student will be totally internal and the research committee will assess the student on the basis of his / herperformance.
- There would be mid-term review of the progress of the project before three members of the research committee appointed by the Principal/Director of college of nursing.
- The research project work should cover the following area.
  - Review of literature on the selected topic and reporting
  - Formulation of problem statement, objective and hypotheses
  - Research methodology conducted during the training period
  - Analysis and interpretation
  - Summary & Conclusion.

### Examination Scheme:

Components	PP	TP	DAP	GE	PR/VV
Weightage(%)	10	10	15	15	50

**P- Proposal Presentation, TP- Tool Presentation, DAP- Data Analysis Presentation, GE-Guide Evaluation, PR-Project Report, VV- Voice Vive**