

Maharashtra University of Health Sciences, Nashik



M.Sc. (Nursing) – I Year

Syllabus for Advanced Nursing Practice

(Syllabus Approved by Academic Council dated 19/12/2016 vide Resolution No. 138/2016 and Indian Nursing Council letter No. F.No.18-19/Univ/2018-INC dated 23/02/2018)

ADVANCED NURSING PRACTICE

Placement: I year

Hours of Instruction
Theory 150 Hours
Practical 200 Hours
Total: 350 Hours

Course Description

The course is designed to develop an understanding of concepts and constructs theoretical basis of advanced nursing practice and critically analyze different theories of nursing and other disciplines.

Objectives:

At the end of the course the student will be able to:

1. Appreciate and analyze the development of nursing as a profession.
2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. Explain bio- psycho- social dynamics of health, life style and health care delivery system
4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. Describe scope of nursing practice.
6. Provide holistic and competent nursing care following nursing process approach.
7. Identify latest trends in nursing and the basis of advance nursing practice.
8. Perform extended and expanded role of nurse.
9. Describe alternative modalities of nursing care.
10. Describe the concept of quality control in nursing.
11. Identify the scope of nursing research.
12. Use computer in patient care delivery system and nursing practice.
13. Appreciate importance of self development and professional advance

| UNIT | HOURS | CONTENT |
|------|-------|---|
| I | 10 | <ul style="list-style-type: none"> ◆ History of development of nursing profession, characteristics, criteria of the profession, perspective of nursing profession – national, global ◆ Code of ethics (INC), code of professional conduct (INC), autonomy and accountability, assertiveness, visibility of nurses, legal considerations. ◆ Role of regulatory bodies. ◆ Professional organizations and unions- self defense, individual and collective bargaining. ◆ Educational preparations, continuing education, career opportunities, professional advancement role and scope of nursing education. ◆ Role of research, leadership and management. ◆ Quality assurance in nursing (INC). ◆ Futuristic nursing. |
| II | 5 | <p>Health care delivery:</p> <ul style="list-style-type: none"> ◆ Health care environment, economic constraints, planning process, political process vis a vis nursing profession. ◆ Health care delivery system –nation, state district and local level. ◆ Major stakeholders in the health care system Govt., non government, industry and other professionals. ◆ Patterns of nursing care delivery in India. ◆ Health care delivery concerns, national health and family welfare program, inter- sectoral coordination, role of non-governmental agencies. ◆ Information, education and communication (IEC). ◆ Tele – medicine. |

| UNIT | HOURS | CONTENT |
|------|-------|---|
| III | 10 | <p>Genetics</p> <ul style="list-style-type: none"> ◆ Review of cellular division, mutation and law of inheritance, human genome project, the genetic era. ◆ Basic concepts of genes, chromosomes and DNA. ◆ Approaches to common genetic disorders. ◆ Genetic Testing – basis of genetic diagnosis, pre-symptomatic and predisposition testing, prenatal diagnosis & screening, ethical, legal and psychosocial issues in genetic testing. ◆ Genetic Counseling. ◆ Practical application of genetics in nursing. |
| IV | 10 | <p>Epidemiology</p> <ul style="list-style-type: none"> ◆ Scope, epidemiological approach and methods. ◆ Morbidity, mortality, ◆ Concepts of causation of diseases and their screening. ◆ Application of epidemiology in health care delivery, Health surveillance and health informatics. ◆ Role of nurse |

| UNIT | HOURS | CONTENT |
|------|-------|---|
| V | 20 | <p>Bio- psycho social pathology</p> <ul style="list-style-type: none"> ◆ Pathophysiology and psychodynamic of disease causation. ◆ Life processes, homeostatic mechanism, biological and psycho- social dynamics in causation of disease, life style. ◆ Common problems : Oxygen insufficiency, fluid and electrolyte imbalance, nutritional problems, hemorrhage and shock, altered body temperature, unconsciousness, sleep pattern and its disturbances, pain, sensory deprivation. ◆ Treatment aspects: pharmacological and pre-post operative care aspects. ◆ Cardio pulmonary resuscitation. Care of dying and dead. ◆ Infection prevention (including HIV) and standard safety measures, bio-medical waste management. ◆ Role of nurse –Evidence based nursing practice. |
| VI | 20 | <p>Philosophy and Theories of Nursing.</p> <ul style="list-style-type: none"> ◆ Values, conceptual models, approaches. ◆ Nursing theories: Nightingale's Henderson's, Roger's, Peplau's Abdella's , Lewine's, Orem's Johnson's, King's, Neuman's, Roy's , Watson's, parse etc. and their applications. ◆ Health belief models, communication and management etc. ◆ Concept of self health. *Evidence based practice model. |

| UNIT | HOURS | CONTENT |
|------|-------|---|
| VII | 10 | <p>Nursing process approach</p> <ul style="list-style-type: none"> ◆ Health Assessment- illness status of patients/ clients (Individual, family, community), Identification of health illness problems, health behaviors, signs and symptoms of clients. ◆ Methods of collection, analysis and utilization of data relevant to nursing process. ◆ Formulation of nursing care plans, health goals, implementation, modification and evaluation of care. |
| VIII | 25 | <p>Psychological aspects and Human relations</p> <ul style="list-style-type: none"> ◆ Human behavior, Life processes and growth and development, personality development, defense mechanisms. ◆ Communication, interpersonal relationships, individual and group, group dynamics, and organizational behavior. ◆ Basic human needs, Growth and development, (Conception through preschool, School age through adolescence, young and middle adult, and Older adult) ◆ Sexuality and sexual health. ◆ stress and adaptation, crisis and its intervention. ◆ Coping with loss, death and grieving, ◆ Principles and techniques of ◆ Counseling. |

| UNIT | HOURS | CONTENT |
|------|--|---|
| IX | 10 | <p>Nursing Practice</p> <ul style="list-style-type: none"> ◆ Framework, Scope and trends. ◆ Alternative modalities of care, alternative systems of complementary therapies. ◆ Extended and Expanded role of the nurse in promotive, preventive, curative and restorative health care delivery system in community and institutions. ◆ Health promotion and primary health care. ◆ Independent practice issues – Independent nurse midwifery practitioner. ◆ Collaboration issues and models within and outside nursing. ◆ Models of prevention. ◆ Family nursing, Home nursing. ◆ Gender sensitive issues and women empowerment. ◆ Disaster nursing. ◆ Geriatric considerations in nursing. ◆ Evidence based nursing practice. ◆ Trans- cultural nursing. |
| X | <p>30</p> <p>T = 10</p> <p>P = 20</p> | <p>Computer application for patient care delivery system and nursing practice.</p> <ul style="list-style-type: none"> ◆ Use of computers in teaching, learning, research and nursing practice. ◆ Windows, MS office, Word, Excel, Power Point. ◆ Internet, Literature search. ◆ Statistical packages. ◆ Hospital management information system software. |

Practicals

Clinical posting in the following areas:

- Specialty area - inpatient unit - 2 weeks
- Community Health Center / PHC - 2 weeks
- Emergency / ICU - 2 weeks

Activities

- Prepare case studies with nursing process approach and theoretical basis
- Preparation of comparative picture of theories
- Family case work using model of prevention.
- Annotated Bibliography.
- Report of field visit (5)

Methods of Teaching

- Lecture cum discussion
- Seminar
- Panel Discussion
- Debate
- Case Presentation
- Exposure to Scientific Conferences
- Field Visits

Methods of Evaluation

- Tests
- Presentation
- Seminar
- Written Assignments

Internal Assessment

| Sl. No. | <u>Theory</u> Techniques | Number | Weightage |
|---------|--|--------|-----------|
| 1 | Tests Midterm (50 marks) Prefinal (75 marks) | 2 | 50 75 |
| 2 | Assignments (25 marks each) | 2 | 50 |
| 3. | Seminar (50 marks) | 1 | 50 |
| 4. | Presentation (50 marks) | 1 | |
| | | | <hr/> 275 |

Internal Assessment Total marks out of 25

External Assessment Total marks out of 75

FIRST YEAR M.Sc. NURSING

ADVANCED NURSING PRACTICE

ADVANCED PROCEDURE EVALUATION PROFORMA (Assignments -II)

Name of the Student: _____

Topic: _____

Date: _____ Time: _____

Name of the Evaluator: _____

| SN. | Criteria | Marks allotted | Marks Obtained |
|-----|--|---|----------------|
| 1 | Review anatomy/ physiology, scientific principles and purposes. | 5 | |
| 2 | Preparation of the procedure/ assessment <ul style="list-style-type: none">• Self and environment• Patient• Articles | 3 1 1 1 | |
| 3 | Procedure /assessment <ul style="list-style-type: none">• Skill• Manual dexterities and improvise• Sequencing• Aseptic technique/ principle applied• Advance technique use• Comprehensive approaches• Adherence to time | 8 2 1 1 1 1 1 1 | |
| 4 | After care of the patient and article | 2 | |
| 5 | Presenter 's qualities <ul style="list-style-type: none">• Professional grooming and confidence• IPR and communication technique• Apply advance knowledge• Tactful• Expertise | 3 | |
| 6 | Incidental Health education | 2 | |
| 7 | Evidence base practice on the related topic | 2 | |
| | TOTAL | 25 | |

Remarks:

Signature of the Student

Signature of Supervisor

BIBLIOGRAPHY

1. Potter A. P., Perry A. G. 2005 Fundamental of Nursing C. V. Mosby company, Louis 6th edition.
2. Kozier B et al, Fundamentals of nursing concepts, process and practice, Pearson education, inc 2nd Indian print 2004.
3. Brunner and Suddarth Text book of medical surgical nursing 10th edition 2002.
4. Zwemer A. Professional Adjustments and Ethics for nurse in India BI publications, Bangalore 6th edition 1995.
5. Rosdhal, Fundamentals of Nursing, Lippincott Company 2003.
6. Bolander, Fundamentals of nursing, Saunders 1994.
7. Carol Taylor Fundamentals of Nursing, Carol Lillis et al Lippincot, 5th edition 2005.
8. Basavanthappa B T 2007 Nursing Theories Jaypee brothers
9. Pearson Alan , VaughanB. Fitzgerald M (.2005) Nursing models for practice 3 edition Elsevier Limited.
10. Alligood M. R., Tomey A M . (2006) Nursing theory Utilization and Application S T : Louis Mosby.
11. J E Park textbook Preventive and social Medicine 17th edition
12. Gulanick, M. & Myers, J.L. (2007) Nursing care plans 6th edition St. Louis: Missouri.

FIRST YEAR M.Sc. NURSING
ADVANCED NURSING PRACTICE

Internal Assessment

| SN. | Name of Assignment | Number | Weightage |
|------------|-----------------------------------|---------------|------------------|
| 1. | Assignment –I Case study | 01 | 25 |
| 2. | Assignment –II Advanced procedure | 01 | 25 |
| | Total | 02 | 50 |

Formats for evaluation of case study and advanced procedure are given below

FIRST YEAR M.Sc. NURSING
ADVANCED NURSING PRACTICE
EVALUATION CRITERIA FOR CASE STUDY (Assignments -I)

Name of the Student: _____

Date: _____ **Field placement:** _____

Name of the Supervisor: _____

(Maximum Marks – 25)

| SN | CRITERIA | MARK ALLOTTED | MARK OBTAINED |
|-----------|--|----------------------|----------------------|
| 1. | Elicits relevant history | 03 | |
| 2. | Make quick and valid assessment | 04 | |
| 3. | Identifies problems / needs | 02 | |
| 4. | Formulates nursing diagnosis | 04 | |
| 5. | Prioritizes the nursing diagnosis | 02 | |
| 6. | Plan care for any two priority needs | 02 | |
| 7. | List the outcome criteria | 01 | |
| 8. | Implements care for any two priority needs | 05 | |
| 9. | Evaluates the care (nurses notes based on actual care given every day) | 02 | |
| | TOTAL | 25 | |

Remarks:

Signature of Student

Signature of Supervisor