

COURSE OUTLINES

ADVANCE NURSING AND ALLIED SUBJECTS

PLACEMENT: 1ST YEAR

HOURS OF INSTRUCTION: Theory 150 hours + Practical 250hours = 400 hours

PURPOSE: To help the student to develop an understanding of concepts and constructs of theoretical basis of nursing profession and critically analyze different theories of nursing and allied disciplines.

SPECIFIC OBJECTIVES

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

1. Appreciate and analyze the development of nursing as a profession
2. Appreciate ethical, legal, political and economic aspects of health care delivery and nursing practice
3. Appreciate bio- psycho- social dynamics of health, life style and health care delivery system
4. Discuss concepts, principles, theories, models, and 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. Perform extended roles of nurse
8. Identify latest trends in nursing and the basis of current nursing practices
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 advancement

CONTENT OUTLINE

Unit I Nursing as a Profession:

- History of development of nursing profession, ethical considerations, code of professional conduct, accountability, legal considerations, role of regulatory bodies & professional organizations.
- Educational preparations, continuing education, career opportunities, professional advancement & role and scope of nursing education
- Role of research, leadership and management.
- Quality assurance in nursing.

Unit II Economic and Political aspects of Health care delivery:

- Health care environment, finance and control, political process and nursing profession,
- Health care delivery system and patterns of nursing care delivery in India at national, state, district and local level.
- Health care delivery concerns, programs of government & role of non-government agencies

Unit III Genetics:

- Review of cellular division, mutation and patterns of inheritance.
- Common genetic disorders, genetic testing, prevention of genetic disorders and prenatal diagnosis, genetic counselling
- Practical application of genetics in nursing

Unit IV Epidemiology:

- Scope, epidemiological approach and methods,
- Morbidity, mortality, rates and ratios
- Concepts of causation of diseases and their screening,
- Application of epidemiology in health care delivery.

Unit V Bio-Psycho pathology:

- Patho-physiology and Psychodynamics of disease causation: Life processes, homeostatic mechanism, biological and psycho-social dynamics in causation of disease.
- 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.
- Cardio pulmonary resuscitation.
- Infection prevention (including HIV) and standard safety measures
- Treatment aspects: pharmacological and pre- post operative care aspects,
- Care of dying and dead,

Unit VI Philosophy and Theories of Nursing:

- Values, Conceptual models, approaches
- Nursing theories: Handerson's, Roger's, Paplau's, Abdella's, Lewine's, Orem's, Jonson's, King's, Newman's, Roy's, and their applications.

Unit VII Scope of nursing practice:

- Alternative modalities of care,
- Extended role of the nurse, in promotive, preventive, curative and restorative health care delivery system in community and institutions

Unit VIII Nursing process approach:

- Assessment of health- illness status of patients/clients (Individuals, 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.

Unit IX Psychological aspects and Human relations:

- Human behavior, Life processes & 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 & 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 X Trends in nursing and the basis of current nursing practices:

- Models of Prevention, Mass communication
- Health promotion and primary health care, Family nursing, Home nursing
- Extended role, NGOs & govt. organizations,
- Independent practice issues,
- Collaboration issues,
- Gender issues in health,
- Issues in care of elderly,
- Leadership and management

Unit XI Computer applications for patient care delivery system and nursing practice:

- MS DOS, Windows, MS word, power point,
- Internet, literature search,
- Excel, statistical packages,
- Health care delivery computer programs,
- Use of computers in teaching, learning, research and nursing practice