



## Courses Descriptions

### **Fundamentals of Nursing (0801111)**

#### **Course Description:**

This course is an initial core course in the nursing curriculum. Students learn concepts and theories basic to the art and science of nursing. Concepts related to physiological, psychosocial, and spiritual health needs of the individual are integrated. Legal and ethical roles of the professional nurse are emphasized. The course aims at providing the students with a solid foundation on which they can build their technical and interpersonal expertise. Nursing process is the framework for caring and applying the knowledge learned throughout this course. Additionally, this course introduces students to communication and interpersonal relation skills to prepare them to become effective members of a collaborative health care team. Critical thinking and decision-making will also be addressed as a guide for safe, competent and skilful nursing practices.

### **Fundamental of Nursing (Clinical) (0801112)**

#### **Course Description:**

This course is designed to provide nursing students with the necessary skills and attitudes based on theoretical knowledge to demonstrate the basic nursing care procedures for patients care. It provides them with a non-threatening environment in which they apply knowledge and basic practices of nursing skills accurately and safely through demonstration and return demonstration in a simulated nursing laboratory. This is accomplished through competencies reflective of holistic human needs within a practice philosophy which incorporates core concepts of caring, critical thinking, decision making and professional commitment.

### **Adult Health Nursing (I) (0801221)**

#### **Course Description:**

This course is designed to introduce nursing students to the basic principles of nursing care and management of adult health problems related to respiratory, cardiovascular, immobility, endocrine and gastrointestinal systems. These principles will assist students to provide the comprehensive nursing care needed to meet their needs by utilizing the nursing process.

### **Adult Health Nursing (I) (Clinical) (0801222)**

#### **Course Description:**

This course is designed to help the nursing students to apply the basic principles of nursing care and management of adult health problems related to respiratory, cardiovascular, immobility, endocrine and gastrointestinal systems by utilizing the nursing process.

**Adult Health Nursing (II) (0801223)****Course Description:**

This course focuses on the theoretical and conceptual bases of nursing care for adult clients experiencing acute and chronic illness. The impact of social, cultural, psychological, physical and spiritual factors will be explored. This course enables the students to develop assessment, critical thinking, and decision-making skills required for planning and implementing the appropriate nursing care to clients suffering a wide variety of commonly presenting acute and chronic illnesses.

**Adult Health Nursing (II) (Clinical) (0801224)****Course Description:**

This course provides the nursing students with the clinical experiences regarding the care of patient with acute and chronic illnesses. It aims to provide essential clinical nursing skills to meet the physiological, psychosocial and safety needs of those patients. Students will be exposed to different learning opportunities using recent technology, developing decision-making, critical thinking and clinical skills necessary for providing complex medical and surgical care. Core knowledge and skills from prerequisite courses will be used to support practice. A variety of health care settings will be utilized to maximize students' skills and experiences.

**Pathophysiology (0801225)****Course Description:**

This course is designed to examine alterations in functions affecting individuals across their lifespan. The students will examine the phenomena that produce alterations in human physiological functions and the resulting human responses. This course will explain pathophysiological changes, including how pathological processes are manifested, progress in the body, as well as their primary and secondary effects. This course will focus on pathological factors that influence disease processes; in which the scientific approach will provide a further understanding of the mechanisms of diseases, and will help students in incorporating critical thinking skills in their future practical applications.

**Physical Assessment (0801226)****Course Description:**

This course is designed to help nursing students to acquire knowledge necessary to perform physical assessment in different practice settings. These skills are critical in order to identify physical and psychological problems and concerns experienced by patients. Emphasis is placed on detailed health history taking, differentiation, interpretation, and documentation of normal and abnormal findings.

**Physical Assessment (Clinical) (0801227)**

**Course Description:**

This course is designed to assist students to acquire basic essential skills to perform physical assessment for various patients in different health care settings. Students are trained to collect subjective and objective data in order to design patients' care accordingly.

**Clinical Nutrition (0801229)****Course Description:**

This course is designed to cover the fundamental concepts of nutrition, the basic nutrients, and the processes involved in digestion, absorption, and metabolism of nutrients. Nutritional characteristics of macronutrients, vitamins, and minerals will be discussed in details. This course will explain the impact of nutritional choices on various populations and age groups. Moreover, this course will conduct individualized dietary analyses. This course also covers various methods associated with the evaluation of nutritional status. In addition, in-class discussions will focus on eating disorders, dietary trends, and obesity.

**Critical Care Nursing (0801331)****Course Description:**

This course focuses on the advanced concepts of critical care related to multi-organ/system function and dysfunction. Nursing care relating to assessment, physiology, pathophysiology, and clinical management of the cardiovascular system, pulmonary system, nervous system, digestive system and endocrine system are addressed. Core concepts of complex pathophysiology, current treatment modalities, and advanced nursing roles are also addressed.

**Critical Care Nursing (Clinical) (0801332)****Course Description:**

The course focuses on providing nursing students with efficient clinical training through using the nursing process as a framework for providing nursing care for clients in intensive care settings. In caring for the critically ill patients, the students will collect data, identify the management priorities, formulate appropriate plans of nursing care, implement nursing care plans according to the predefined priorities, and evaluate the outcomes of nursing care. Additionally, organizational skills and communication skills will be improved throughout this course.

**Maternity Health Nursing (0801341)****Course Description:**

This course focuses on women reproductive health, newborn care, and postnatal care through demonstration of critical thinking in providing comprehensive nursing care for women during child bearing period, menopause, and across life span through primary, secondary, and tertiary prevention/intervention strategies. Additionally, this course will provide students with knowledge and skills that enable them to identify the serious

maternal conditions including high-risk pregnancy, abnormal labor, postpartum complications and neonatal complications as well. This course will also provide the students with the opportunity to utilize the nursing process to care for women, newborns, and their families.

### **Maternity Health Nursing (Clinical) (081342)**

#### **Course Description:**

This course is designed to prepare nursing students to provide direct holistic nursing care to the women and their families during pregnancy, childbirth, and puerperium. This course will provide opportunities to demonstrate clinical procedures related to mothers and neonates as well as different methods of family planning. Students will be expected to integrate clinical skills in the actual clinical settings.

### **Child Health Nursing (0801351)**

#### **Course Description:**

This course is designed to assist students to plan and deliver safe and comprehensive nursing care for children. The course focuses on the application of problem-solving approaches utilizing critical thinking while conducting the nursing process to promote, protect and maintain healthy child at different developmental levels (newborn to adolescent) taking into consideration the role of the family. The concepts of growth, development, health, and role of the pediatric nurse are emphasized. Legal and ethical issues related to health care of children will be explored as well.

### **Child Health Nursing (Clinical) (0801352)**

#### **Course Description:**

This course introduces students to different clinical settings such as maternal and child health centers and hospitals which enable students to achieve a holistic approach to nursing care through primary prevention, health promotion, health maintenance, and rehabilitation. Students will apply concepts related to growth and development, research, and nursing process in planning comprehensive care for children and their families. Students also will effectively engage in identification of ethical and legal problems, which helps in decision-making and problem solving.

### **Research Methods (0801381)**

#### **Course Description:**

This course will focus on clinical nursing research, that is, a research designed to generate evidence to guide nursing practice and to improve the care and quality of clients' lives. The course introduces undergraduate nursing students to the basic concepts of research process and to the methods and analytical tools they require to critically evaluating research reports. The course will provide students with an overview of qualitative and quantitative approaches to research. Theories and ethical issues involved in conducting researches will be addressed as well. Emphasis will be placed on the

applicability and on the implementation of research process into nursing profession, as well as on the utilization of research findings.

### **Biostatistics for Nursing Students (0801286)**

#### **Course Description:**

This course is intended to provide an overview of the basic statistical concepts used throughout nursing research. A brief introduction about the basic concepts of epidemiology is also provided. Students are required to learn many new terms and concepts including the foundation necessary for the understanding of basic statistical terms and concepts and the role that statisticians play in promoting scientific discovery of evidence. Students are expected to be active members in nursing research in the future.

### **Pharmacology for Nursing Students (0801420)**

#### **Course Description:**

This course is designed to introduce nursing students to the fundamental principles of drug action, and present the essentials of how major classifications of drugs are used therapeutically in various disease statuses. This course outlines the basic concepts of pharmaceuticals, pharmacokinetics, pharmacodynamics, and pharmacotherapeutics. Additionally, assessment, and intervention of adverse drug responses and drug-drug interactions are also considered. Link with nursing process is introduced, while the students learn to practice application of knowledge in daily nursing care. Specific techniques are also stressed as they apply to administration of medications.

### **Community Health Nursing (0801461)**

#### **Course Description:**

This course is designed to help nursing students acquire a broad perspective of community health nursing (CHN) by applying different concepts with an emphasis on health promotion and primary health care. Health promotion and disease prevention strategies are used in primary health care centers, geriatric homes and rehabilitative care settings. Basic concepts in epidemiology, biostatistics and communicable diseases prevention and management are included as well. Emphasis is placed on the family in wellness promotion and illness prevention in various community settings using the three levels of prevention (primary, secondary and tertiary). Aspects of care are explored based on a demographic and epidemiological approach as well as building an environmental awareness, and acquiring problem-solving and critical thinking skills which act as a basis for community health nurses.

### **Community Health Nursing (Clinical) (0801462)**

#### **Course Description:**

The Community Health Nursing (CHN) course is designed to orient the fourth year nursing students to the local, national, and international community nursing disciplines,

principles and gain a broad perspective of CHN at the three levels of care (i.e. individual, family, and community). Emphasis will be placed on health status and health care needs of Jordanian population, to develop strategies for health promotion, and illness prevention. Furthermore, the course provides students with opportunities for comprehensive practice in different community health nursing settings under academic supervision, based on a context of primary health care and current models of health promotion. Throughout this course, students will utilize the problem solving approach by the implementation of nursing process in diverse community settings.

### **Health Education and Communication Skills (0801463)**

#### **Course Description:**

This course is designed to assist nursing students in developing teaching and learning skills. The course is intended to provide the undergraduate nursing students with the theory, knowledge, and application necessary to develop their health education skills that are utilized in maintaining health and health promotion for various population categories (individual, family, community, and special population). This course will enable students to explore the concepts of health education, basic principles, and process of learning as well as display the role of health educators in various health care settings.

### **Nursing: History, Trends, and Issues (0801464)**

#### **Course Description:**

This course is designed to introduce nursing students to the history of nursing profession and its development throughout ages and the accompanied legislations development of the profession. The course concentrates on the legal rights of the registered nurses and on ethical considerations of the nursing profession. The course aims to introduce students to the issues and problems in the academic and practical fields of nursing to discuss the recent trends in nursing education and nursing services related to the profession.

### **Mental Health Nursing (08011471)**

#### **Course Description:**

This course is designed to introduce students to mental illness and theoretical concepts behind it. The course will discuss the intellectual, emotional, and behavioral reactions of adult clients with psychotic and personality disorders and applies nursing process to improve the mental health of clients in psychiatric care settings.

### **Mental Health Nursing (Clinical) (08011472)**

#### **Course Description:**

This course is designed to apply the theoretical perspectives of mental health nursing in practice settings. Advanced concepts of communication, use of self, group, and milieu are used to define nurses' roles with clients and agencies where mental health is practiced.

### **Nursing Management (0801491)**

#### **Course Description:**

This course is designed to assist nursing students in developing managerial knowledge and leadership skills before their graduation. This course is intended to provide undergraduate nursing students with the theory, knowledge, and application necessary to deal with advanced management practice issues in the consistently changeable health care environments. It also focuses on the development of skills necessary for transformational leadership skills that is massively needed in their practices as professional nurse managers. Critical thinking of students also will be developed through this course which is structured to present theories/concepts and models that are needed to transform self into a real transformational leader and manager to the work problems and solve them effectively.

### **Nursing Management (Clinical) (0801494)**

#### **Course Description:**

This course is designed to assist nursing students in developing managerial and leadership skills before their graduation. This course will help them to gain the needed skills for better quality of nursing care, better patients' outcomes, and nurses' satisfaction. This course will be an important course for nursing students as it provides them with the advanced management /leadership practices they will need in their future career as professional nurse managers. This course will explore many skills and strategic management interventions related to leadership and management in nursing and health care systems. Critical thinking and problem solving approach also will be developed through this course which is structured to present models that are needed to transform self into real transformational leaders and managers to the work problems and solve them effectively.

### **Intensive Clinical Training (0801493)**

#### **Course Description:**

Intensive clinical training course aims to apply all skills and knowledge that acquired through nursing program, and master these skills through critical thinking process and problem solving approach. It prepares the students to be ready and qualified for future job as a nurse. Furthermore, this course helps students to become more independent to search about information. Intensive training course consists of 40 shifts designed for students to spend them in the selected different health care settings.

### **Human Growth and Development (0801251)**

**Course Description:**

This course explains the changes happen to individuals from conception to death. The aspects of development including biological, social, cognitive, emotional, and moral will be also covered. The course will examine how the abilities, needs, problems, and concerns of humans change throughout life, and how people are shaped by their experiences throughout their development. Such course will help nurses to understand their clients' needs, concerns, reactions, and adaptation and consequently be able to offer best quality of care.

**Emergency and Disaster Nursing (0801465)****Course Description:**

The purpose of this course is to prepare nursing student to care for people affected by disasters or under emergency situations. This course will provide students with: definition of disaster nursing; recognition of the community resources, utilizing disaster planning models; and recognizing the role that nurses could play in disaster situations. In addition, The course will include basics of emergency, first aid and emergency nursing care for specific medical emergencies. Critical thinking and problem solving is emphasized.

**Special Topics in Nursing (0801363)****Course Description:**

This course is designed to introduce baccalaureate students to relevant and emergent topics which affect the practice of nursing in the national and international healthcare system. The focus will be on issues confronting professional nurses including global health, cultural awareness, gender identity, and evidence-based wellness.

**Palliative Care Nursing (0801322)****Course Description:**

This course is designed to offer basic skills and knowledge needed to recognize and intervene with a client diagnosed with a life threatening illness. Emphasis is to implement the nursing process with clients diagnosed with a life threatening illness and those at the end of life. Students will apply concepts, theories, principals and techniques gained from their general education and previous nursing courses.

**Gerontology (0801421)****Course Description:**

This course discusses special topics in nursing in each semester. In this semester, the topic will discuss gerontology. The gerontology course provides students with an introduction to the field of gerontology and its social implications. In addition, it raises student awareness about the later stages of human life cycle. Students will delve into their



own perceptions of aging by reviewing their personal experiences and societal attitudes that have influenced these perceptions. Emphasis is given to the changes that are associated with aging and the resulting dynamic interactions between older people and their environment and explore the ways aging affects areas such as sexuality, family relations, personality, and creativity. The course emphasis is on the study the elderly needs and problems facing the current generation of older adults, and application of nursing roles in health promotion, and disease prevention. This course is designed to acquaint students with various services and interventions as they relate to practice with older adults.

**Health Promotion (0801368)**

**Course Description:**

This course is designed to introduce students to the primary health care concepts, and the techniques of health teaching skills for the purpose of health promotion to clients, families and community. The course is planned to facilitate integration and application of the scientific knowledge regarding health promotion theory and practice. Health education process Emphasizes on preventive aspect of health as well as client education in health and illness.