

NURSING
COURSE CONTENTS

ANA105 Anatomy I (3-0-3)

At the end of this course, it is aimed that students understand anatomical terminology, anatomy and structures of body systems.

Organization of the human body, Introduction to terminology, Medical and anatomical terminology, Structure of the movement system (Bones, Joints and Muscles), Anatomy and structure of the respiratory system, Circulatory system (Heart, Vessels-lymphatic system), Nervous system.

ANA102 Anatomy II (3-0-3)

At the end of this course, it is aimed that students understand anatomy and structures of body systems.

Anatomy and structure of the excretory system, Digestive system, Endocrine system, Genital system, Sense organs.

FHS105 Biochemistry (2-0-2)

The purpose of this course; To describe all the chemical reactions in the cell at the molecular level and explain the changes that occur in these reactions in pathological situations.

This lesson; Introduction to biochemistry, Carbohydrates, carbohydrate metabolism, Proteins, enzymes, Protein and amino acid breakdown, lipids, lipids digestion and absorption, fatty acid oxidation, metabolism overview, hormones, sampling in laboratories, preanalytical errors and tests; Includes topics.

NUR101 Introduction to Nursing (2-0-2)

The aim of the course is to introduce the nursing profession to students.

The content of this course includes the definition of the nursing profession, the roles and responsibilities of nurses, nursing education, basic nursing concepts such as human, environment, disease, health, communication problems and ethics, patient rights in the world and in our country, and changing and developing nursing roles.

NUR102 Fundamentals of Nursing (4-12-10)

Within the scope of the course, the reactions of the individual, family and society to the factors affecting health are examined within the framework of nursing diagnoses and related nursing interventions are discussed. Basic health patterns; biological, psychological, social and environmental factors are examined at the level of the individual, family and society.

Evaluation of vital signs, Medication administration, Digestive system applications, Urinary system applications, Patient safety, Infection control, Nursing process, Blood transfusion, Patient room and unit, Patient admission and discharge, Skin and self care applications, Respiratory system applications, Mobilization, Assessment of pain, Hot and cold applications.

NUR103 Medical Terminology (2-0-2)

At the end of this course, it is aimed to enable students to learn the spelling, pronunciation and meanings of unique professional terms used in the medical profession and to register them when necessary.

Introduction to medical terminology, Prefixes and suffixes in Terminology, Blood Diseases Terminology, Diagnostic Terminology, Respiratory System Terminology, Movement System Terminology, Cardiovascular System Terminology, Urinary and Genital System

Terminology, Gastro-Intestinal System Terminology, Eye and ENT Terminology, Endocrine System and Dermatology Terminology, Nervous System and Psychiatry Terminology.

NUR106 Social Responsibility (2-0-2)

Acquisition of basic knowledge and skills about the importance of social responsibility projects; identify current problems of the society and produce solutions preparing projects; participating in scientific events such as panels, conferences, congresses, symposiums as audience, speaker or organizer; taking part in various projects voluntarily within the framework of social responsibility; implementation of community service studies in schools.

NUR105 Patient Safety (2-0-2)

The aim of this course is to bring students information about patient security risks at medical establishment, definition, approach to accident, taking measures, prevention strategies.

Introduction to patient safety

Basic Concepts of Patient Safety, National and international patient safety goals, Medication errors and safer drug use, Communication and SBAR, Prevention of blood and blood transfusion mistakes, Prevention of health care-related infections, Prevention of surgical errors, Fall prevention, Prevention of baby / child abduction and giving of babies to wrong families, Prevention of severe injuries and deaths due to restrictions, Prevention of pressure ulcers, Patient rights.

NUR118 Fundamentals of Nursing Summer Internship (0-0-0)

Applying the knowledge learned in the Fundamentals of Nursing course during the summer internship

Clinical Practice

PHY103 Physiology I (3-0-3)

At the end of this course, it is aimed that students understand physiological terminology, physiology of body systems.

Introduction to physiology techniques, the functions of the cell, blood, muscle, nervous system and the events that occur while these systems are performing their special functions.

PHY104 Physiology II (3-0-3)

At the end of this course, it is aimed that students understand physiology of body systems.

Introduction to physiology and histological techniques, the functions of the cell, blood, muscle, nervous system and the events that occur while these systems are performing their special functions.

FHS201 Pharmacology (3-0-3)

Teaching the definition of pharmacology and basic pharmacology, teaching the use of drugs.

The use of medicines that have an important place in the treatment of diseases, side effects, side effects, poisoning situations, body effects, changes in the body, use and nonuse of medicines.

FHS202 Pathology (2-0-2)

To give information about disorders that occur in organs and tissues, to teach the necessary terminology and laboratory techniques for operating the operating room and pathology laboratory in harmony.

General pathology / includes special (systemic) pathology / operating room and pathology laboratories of each organ.

FHS203 General Microbiology (2-0-2)

To have knowledge about the structures, classification, general characteristics of microorganisms, to explain the conditions and disease-generating mechanisms necessary for the growth and reproduction of microorganisms; to teach important infectious, disease factors and ways of prevention; it is aimed to gain knowledge and skills related to basic laboratory practice.

The structure of bacteria, reproductive properties and metabolism of bacteria, bacterial genetics, viruses, general features of fungi, general features of parasites, sterilization and disinfection, antibacterial agents, environmental microbiology, transmission of infectious agents, pathogenesis and normal flora, introduction to immunology, structure of immune system, natural immune mechanisms, acquired immune mechanisms, infectious agents transmitted through digestion and food poisoning.

NUR201 Medical Nursing (4-8-8)

The aim of this course to common for the students undergoing clinical speciality in Health Assesment of patient, Introduction to Medical Nursing and Practice, Care in medical hospital setting, Management of patients with pain, disorders of cardiovascular and respiratory system, Disorders of Gastrointestinal tract, Management of patients of blood, endocrine system, genito urinary system, disorders of nervous system, integumentary system, oncology, geriatric nursing.

It is designed to assist student in developing expertise and in depth knowledge in Field of Nursing. It will help students to appreciate the patient as a holistic individual and develop skill to function as a specialized Medical Nurse. It will further enable the student to function as educator, manager and researcher in the field of Medical Nursing. During the lectures, students will be taking on leadership responsibilities and work with other people in teams while developing their oral communication abilities and presentation skills.

Instructor to verify completion, Discuss Final exams & Presentation, Discuss managing your goals and illustrate self-care strategies, Health Assessment of Patients, History taking, Physical examination of various systems, Nutritional assessment, Related investigations and diagnostic assessment, Care in Medical Hospital Setting, Management of patients with pain Management of patients with disorders of cardiovascular (CV) system, Management of patients with disorders of Hemopoetic System, Management of patients with disorders of endocrine system, Management of patients with disorders of nervous system, Management of patients with disorders of genito urinary system, Management of patients with disorders of integumentary system, Geriatric nursing, Management of Medical Emergency Condition

NUR202 Surgical Nursing (4-8-8)

The aim of this course is to gain the knowledge, skills and behaviors that will be able to identify the surgical patients and their families' needs before, during and after the surgery.

Asepsis, aseptic methods, control of hospital infections, definition of surgery, inflammation, wound types and care, fluid electrolyte balance and disorder in surgery, pre and postoperative care, nursing and care of digestive system surgical diseases, kidney, urinary tract and surgical diseases of male reproductive organs and nursing care, breast diseases and nursing care, surgical diseases of the respiratory system and nursing care, surgical diseases of the cardiovascular system and nursing care, orthopedic diseases and nursing care, eye diseases and nursing care, ENT diseases and nursing care, operating room, surgery of the endocrine

system diseases and nursing care, general principles of transplantation and burn treatment, surgical diseases of the nervous system and nursing care.

NUR203 Health Assessment (2-2-3)

This aims at understanding the importance of health assessment in nursing care and acquiring skills in physical examination methods.

Assessment of nursing care and health, general evaluation of the individual, data collection, nursing narrative, physical examination methods, physical examination from the beginning to the foot.

NUR204 Education in Nursing (3-0-3)

It provides the student with basic education skills in the fields where the nurse performs the role of educator (health education, education of patients and their relatives, in-service training).

Development and History of Nursing Education, Analysis of Nursing Education System, Nurse's Educator Role, Education of Nursing Students: Clinical Education, Continuing Education in Nursing: In-Service Education, Master's and Doctorate Education, Health Education, Education of Patients and Their Relatives, Educational Process

NUR205 Health Communication (2-0-2)

It is to develop the desired behaviors by giving the necessary principles, methods, techniques and information to ensure that they are productive, happy and satisfied through successful interpersonal relationships in personal and professional life.

This course; Meeting, Introduction of the Course, Establishing the Relationship between Course Learning Outcomes and Program Qualifications Definition of Communication, Importance and Basic Functions of Communication, Types of Communication, Factors Affecting Communication, Self-Knowledge, Ways of Knowing Oneself, Practices of Self-Knowledge, Communication Relations and Networks in Listening and Institutions, Using I Language, Empathy, Empathic Communication, Types of Behavior, Assertive Behavior, Passive Behavior, Manipulative Behavior, Techniques Facilitating Communication with the Patient Communication Skills: Therapeutic Communication Skills, Approaches Preventing Communication, Communication with the Child Patient, Communication with the Elderly Patient, Communication in Some Special Situations - Patient Refusing Treatment -Patient Making Constant Requests, Communication in Some Special Situations -Aggressor Patient - Anxious Patient, Communication in Some Special Situations -Introverted/Depressed Patient, Communication in Some Special Situations -Patient in Terminal Process, Communication in Some Special Situations -Experiencing Loss and Grief Patient/Family, Stress Management and Conflict Work Solution; includes topics.

NUR206 Nursing and Art (2-0-2)

To raise awareness about the artistic aspect of nursing and the use of art for therapeutic purposes.

Concepts of art and artwork, Creativity and creation process, Artistic forms, Knowing aesthetics and aesthetics, Artistic perspective and criticism, Importance of art in human life, Art in Anatolia Relationship between nursing and art Art as a therapeutic tool, The therapeutic use of art in different groups, Use of art in care.

NUR207 Transcultural Nursing (2-0-2)

The aim of this course is to bring information students about culture concepts, theory, principles and importance at health and disease, nursing approach with practice.

Meet, Explanation of course content, Examining the concept of culture, Intercultural nursing models, Nursing in third world countries, Cultural competence, Integration of cultural competence into nursing education and practice, Culture and stress, Cultivating children with a cross-cultural perspective, Health belief systems and cultural influence, Culture Family and Society, Ethical decision making and culture, Developing global health care within a changing culture, Cultural behavior according to women's life periods, Human and cultural bonding, Pain, culture and death from a cultural point of view.

NUR208 Geriatric Nursing (2-0-2)

The aim of this course is to bring students information which are using at practice, about problems of twirly in Turkey and others, aging process, so developing disease and approach, aging services by government and problems, healthy aging, developing quality of life in aging.,

Gerontology and Geriatric Nursing, Geriatric Epidemiology, Biopsychosocial Approach, Geriatric Evaluation, Geriatric Nursing: Home and institutional care.

NUR218 Surgical Nursing Summer Internship (0-0-0)

Application of the knowledge learned in the Surgical Diseases Nursing course in the summer internship

Clinical Practice

NUR219 Medical Nursing Summer Internship (0-0-0)

Application of the knowledge learned in the Internal Medicine Nursing course in the summer internship

Clinical Practice

FHS301 Research Methods (2-0-2)

It introduces the fundamental principles of research methodology and explain how these principles are applied for conducting research in the health sciences. And to demonstrate how evidence produced through research is applied to solving problems in everyday health care. These informations can be used during the academic career.

Course Orientation, Introduction, Research Data And Variables, Measurement of Health and Diseases, Field Research Orientation, Creating Hypothesis, Literature Review, Descriptive Studies, Case-Control Studies, Cohort Studies, Epidemiological Studies, Randomize Controlled Trials, Sensitivity and Specificity and Overview.

FHS302 Biostatistics (2-0-2)

The aim of this course is to teach student nurses who will work in health institutions to use scientific research principles, analysis and statistical methods and to interpret the results of these analyzes.

NUR301 Gynecology and Obstetric Nursing (4-8-8)

The aim of this course provides the necessary knowledge and skills related to the roles of gynecologic and obstetric nursing, and protect physical, psychological, social and reproductive health of women's in family and also community.

Women and Health Care System, Physiology of the Reproductive System, Physiology of Pregnancy, Maternal Physiology during Pregnancy, Prenatal Care, Evaluation of Fetal Health, High-Risk Pregnant Women and Nursing Care, Nutrition in Pregnancy, Normal Labor, Nursing Care in Normal Labor, Risky Birth and Nursing Care, Newborn Physiology and Care, Nursing Care, Lactation, Postpartum Period II Risky Situations and Nursing Care, Family Planning.

NUR302 Pediatric Health and Disease Nursing (4-8-8)

The aim of this course to introduce the student to appropriate scientific knowledge which enables them to develop their own unique clinical and educational approach to care of children and their families. This course moves from simple to complex issues; starting with concepts of normal growth and development, health promotion and maintenance, and the prevention of illnesses and accidents and then to selected health problems (chronic and common health problems, and communicable diseases). This is achieved through utilizing the nursing process, developmental theories, new trends and the latest approaches in the management and caring of children. The course encourages students to utilize knowledge synthesis, problem solving techniques, critical thinking, and family centered approached in the provision of empowered care.

Child Health and Disease Nursing The course covers the knowledge and practice of protecting and improving the health of children, families and communities and of providing a holistic approach to the care needs of the child when health is impaired. General concepts about child health and diseases, basic health services, newborns, growth and development disorders, nutrition and disorders, disorders and diseases related to organs and systems, and nursing care.

NUR303 Basic First Aid (2-0-2)

The main aim of this course is to equip students with knowledge and ability on the precautions taken for preventing injuries or saving an injured person's life by using the first aid methods in case of an accident or emergency case until the medical team arrive. Provide the necessary knowledge and skills on first aid.

Advantages and goals of first aid, Rescue and transfer of victims, Accident assessment and triage, Providing basic life support, Bleeds and first aid, First aid in wound, First aid in trauma, First aid in muscle and skeletal system injuries, First aid in stings and bites, First aid in poisonings, First aid in burns and frost, Medical conditions requiring first aid, First aid in natural disaster.

NUR304 Psychiatric and Mental Health Nursing (4-8-8)

The aim of this course is to provide the knowledge necessary to move from the role of a student to that of a graduate nurse. The focus is directed toward the professional responsibilities of the psychiatric and mental health nurse in mental health caring and leadership roles. (This course is given in Turkish.)

The definition, aim, philosophy, historical development, practice standards of mental health and psychiatric nursing; Communication process (psychiatric interview), Mental condition examination, Psychiatric observation, Terapotic environment creation; Anxiety disorders and nursing approaches, Schizophrenia, other psychotic disorders and nursing approaches; Displacement disorders and nursing approaches; Relevance to mental aspects of developmental characteristics, risks and mental problems, Individuals with personality disorders and nursing approaches; Individuals with substance use disorders and nursing approaches; Consultation lyazon psychiatric nursing; Psychiatric treatment methods: Drug

Therapy, Electroconvulsive Therapy and Psychosocial Therapies: Individual Therapies and Group Therapies, Stress Management, Work Therapy; Stress, psychophysiological diseases (eating and sleeping disorders) and nursing approaches; Organic mental (cognitive) disorders and nursing approaches: Clinical dysfunctions and nursing approaches; Psychiatric emergencies; Legal and ethical issues in Psychiatri, Social mental health services; Nursing process for individuals with mental problems.

NUR305 Forensic Nursing (2-0-2)

The purpose of this course is to bring information students about basic concepts and principles in forensic, legal organization, role and responsibilities of forensic nurses, problem solving approach to vocational and ethics discussion.

Basic concepts about forensic medicine and nursing; Historical development of forensic nursing in the world and in Turkey; Working areas and roles of forensic nurses; Legal responsibility of the nurse in judicial cases; The rights of the healthy / sick individual; Malpractice; Violence, neglect, abuse; Ethics; Forensic psychiatry; Cross examination; Digital forensic; Death and post-mortem changes; Autopsy; Crime scene investigation, forensic report preparation; Forensic toxicology.

NUR307 Operating Room Nursing (2-0-2)

To gain knowledge, skills and behaviors that can perform the qualified care practices in accordance with the nursing process as a member of the team during surgery of the surgical patient.

Introduction to operating room nursing, standards in operating room nursing, safety precautions in the operating room, nursing care in the operating room, asepsis, sterilization, basic surgical instruments, documentation.

NUR309 Home Care Nursing (2-0-2)

The aim of this course is to bring information students about necessity of home care patient and family with holistic approach, made of nursing process for home care duration, research, communication with other health care staff.

Definition of home care services and development process; Home Care Needs and Benefits; Home Health Care Services in Turkey is in the world; Home Health Care Services in Health Legislation; Organization and Coordination of Home Care Services; Home Maintenance Team; Duties, Authorities and Responsibilities of Home Nurses; Home Care and Nursing Service Areas; Home Care and Nursing Services in Chronic Diseases; Individuals with Disabilities and Home Care Services; Homeopathy and Home Care Services; Home Care Technology and Equipment Usage; Home Care for the Patient and Family.

NUR318 Pediatric Health and Disease Nursing Summer Internship (0-0-0)

Application of the knowledge learned in the Pediatric Health and Diseases Nursing course in the summer internship

Clinical Practice

NUR319 Gynecology and Obstetric Nursing Summer Internship (0-0-0)

Application of the knowledge learned in the Gynecology and Obstetric Nursing course in the summer internship

Clinical Practice

FHS401 Epidemology (3-0-3)

At the end of this course, students will; It is aimed to comprehend the importance of scientific research in the nursing profession, to be able to make basic statistical analyzes, to evaluate researches critically, to know basic concepts and methods in epidemiology.

Introduction to epidemiology, Health indicators used in epidemiology, Epidemiological studies, Data collection and evaluation in epidemiology, Causality in epidemiology, Epidemiology of chronic diseases, Infectious diseases epidemiology, Evidence-Based Medicine (EBM) and clinical epidemiology, Health records, morbidity and mortality notification, Health policy and planning, Case study, Epidemiological research planning.

NUR401 Public Health Nursing (4-8-8)

To train nurse who have the qualifications of universal scientists with sufficient skills and competencies to protect and improve the health of the individual, family and society in the field of public health nursing.

Public Health Nursing field of study and functions; Health and disease, health protection principles and models; Basic health services; Organization in health services; Environment and health; Adult education; Health problems; Community identification; Population and demography.

NUR402 Intern (2-24-14)

With the active participation of students, a period of clinical internship, which is determined by the department (mandatory) and in certain application (clinical and field) areas that the student is interested in (elective), continues and it is aimed that students apply basic care principles, develop their critical thinking and decision making skills. Internships are carried out and evaluated in accordance with relevant regulations and guidelines.

Clinical Field Study

NUR403 Management in Nursing (4-4-6)

To have the necessary knowledge and skills to apply the basic principles and techniques of management to the management of nursing services in order to perform nursing services effectively and efficiently.

Basic concepts in nursing services, the principles of effective nursing services management, leadership in nursing, health professions, health team and role structures, management assistant techniques, personnel management, in-service training, management of total quality in health services, legal and ethical regulations related to health and nursing, health control and evaluation of services.

NUR404 Rehabilitation Nursing (2-0-2)

To teach students the basic concepts and theories of rehabilitation nursing, situations where rehabilitation needs arise, and to gain the theoretical knowledge and skills necessary for the implementation of interventions to improve the functional capacity and quality of life of the sick individual.

Rehabilitation basic concepts and theories, Rehabilitation process and nursing care, Rehabilitation nursing in our country and in the world, rehabilitation in diseases

NUR405 Critical Care Nursing (2-0-2)

The aim of this course is to provide the knowledge, skills and applications related to the diagnosis, close follow-up, application and evaluation of the patients who need intensive care.

Design and organization of the intensive care unit, acceptance of the patient in the intensive care unit, physiological and psychological changes in the intensive care unit, fluid-electrolyte disorders and intensive care, hemodynamic monitoring of the patient, patient transfer in the intensive care unit, discharge of the patient from the intensive care unit, care of the patient in the mechanical ventilation, the needs of the patient and his / her family in the intensive care unit, infections in the intensive care unit, end-of-life care, ethical dimension of intensive care unit.

NUR406 Evidence Based Nursing (2-0-2)

The aim of this course is to introduce the student to appropriate scientific knowledge which enables them to develop their own unique clinical and educational approach to nursing. This lesson is to gain and improve the student's knowledge, attitude and skill related to evidence-based nursing care.

Access to evidence-based nursing information, analysis of data, the use of evidence-based databases (such as Cochrane, EBN, CINAHL) and publications in research and practice.

NUR407 Nursing Informatics (2-0-2)

To provide students with the knowledge of the application of informatics in nursing services offered to healthy or sick individuals.

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NUR410 Graduation Project and Seminar (1-2-2)

Using scientific research and problem solving methods, students conduct research on a topic they have determined, prepare a written report and present it by taking advantage of the field of practice they are in while conducting their clinical internship.