

NEAR EAST UNIVERSITY

VOCATIONAL SCHOOL OF HEALTH SERVICES

DIALYSIS DEPARTMENT COURSE CONTENTS

I.FALL

AIT103 Ataturk's Principles and History of Turkish Revolution I

Under the leadership of Mustafa Kemal Atatürk, with the reform movements carried out within the framework of the search for solutions in the Ottoman Empire, which started to be solved and collapsed in the face of the political, economic, cultural and socio-psychological problems that emerged as a result of the encounter between Western cultures and Turkish culture addressing the National Struggle result of the establishment of the Republic of Turkey.

ENG101 English I

1. Talking about biographies
2. Talking about biographies
3. Asking & answering about general knowledge
4. Talking about past events
5. Talking about past events
6. Talking about technology in the future
7. Asking for permission/Making a request
8. Formal phone conversations
9. Informal phone conversations
10. Making an appointment
11. Talking about products
12. Checking understanding/ Asking for clarification
13. Recommending a place/food

YIT101 Turkish for Foreigners I

1. Introducing yourself and others
2. Names of objects generally used in everyday life
3. Turkish alphabet and sound events
4. Present tense
5. Present Simple Tense
6. Short reading texts
7. Personal pronouns



COM101 Computer I

1. The Place of Information Technologies in Daily Life
2. Computer Systems, File Management
3. Ethics and Security, Digital Citizenship
4. Privacy and Security
5. Computer Networks
6. Research
7. Communication Technologies and Collaboration
8. Visual Processing Programs
9. Word Processor Programs
10. Presentation Programs
11. Spreadsheet Programs
12. Audio and Video Processing Programs
13. Problem Solving Concepts and Approaches, Programming

CAM100 Campus Orientation

The CAM100 course aims at the social and cultural development of students as well as their academic development and facilitates their adaptation to university life. While this course provides students with some competencies that they can use in their entire education life, it also contributes to the formation of a versatile and enjoyable campus life by strengthening the communication between all stakeholders of the university.

CHC100 Cyprus: History and Culture

The aim of the course is to provide architectural examples as well as to ensure the perception of cultural heritage by considering the diverse architecture and art of the island within the framework of the history of Cyprus Civilization in a general chronological framework. Through the exams held in the same environment with the lecture notes presented in the virtual environment and many visual course materials, the student is provided to learn partly by their own efforts, and an environment of mutual discussion is created with the classroom seminars held at regular intervals and historical site visits organized in the company of the lecturer. The main objective of the course is to emphasize the importance of the cultural history of the island, as well as its political problems, and also to raise awareness about the protection of cultural heritage.

VSH101 Medical Terminology

Prefixes that form medical terminologies, word stems and suffixes. Teaching of these and performing an application. Informing about operations and standard terminologies of diseases.

VSH109 Basic First Aid

The importance of first aid, rules, disaster conditions, reasons, generated problems, civil defense. First aid in case of injury, first aid in case of bleeding, first aid applications about respiration and circulation system, first aid in case of extremity fractures and hemorrhages, first aid for spine, head, chest bone fractures and bleeding, recovery and transportation methods. Burns, electric shock, freezing, food and chemical substance poisoning and first aid required other conditions. Knowing anaphylaxis and dealing ways.



VSH111 Basic Anatomy

Introduction to anatomy. Musculoskeletal and muscle system anatomy: bone, muscle, joint and general informations, upper and lower extremity. Respiration system anatomy: throax wall anatomy and diaphragma, nose and larynx trachea, lung and pleura. Circulation system: heart (atria and ventricles), pericardium, veins. Digestion , urinary and reproduction system: pharynx, oesophagus and stomach, bowels, liver, pancreas, spleen, kidneys, ureters-bladder and urethra female and male genital organs. Nerve system: central nervous -diencephalon and telencephalon-medulla spinalis morphology, brain stem- cerebellum and cranial nerves – autonomic nerve system. Endocrine system. Sense organs: eye and vision, ear, hearing and balance ways.

DIT101 Patient Care Principler

Human and basic requirements; Health and disease concepts; Health team, safe hospital environment; Vital signs, fever, measurement and recording of respiration; Hot cold applications; Individual hygiene and care, hair, mouth and face care; Deep duties, bedside patient care, morning toilet, bed rest, decubitus formation and treatment, bedding, rotation of the patient in the bed; Catheters and probes used in urinary system applications will be processed.

DIT103 Dialysis Equipment Use and Maintenance

Dialysis System Equipment; Water treatment systems; Reversible osmosis systems, Dialysis equipment; Key features of the dialysis machine; Dialysis machine fluid circuit, Single needle dialysis systems, Hemofiltration and hemodialysis basic features, Na and UF profiles, Dialysis machine disinfection systems will be processed.

II.SPRING

CAR100 Career Planning

Learning career planning and career development models.
To have knowledge about the current labor market conditions.
To have knowledge about interview techniques. Learning how to make an impressive job interview.
To have knowledge about CV, cover letter and methods of preparing thank-you letters.
Preparing a CV to use in job applications

AIT104 Ataturk's Principles and History of Turkish Revolution II

Mustafa Kemal Pasha, the principle that perform until her death on 29 October 1938 from the Republic of Turkey and reforms are considered penny.



(Handwritten signature in blue ink)

ENG102 English II

1. Health Matters
2. Health Matters
3. Restaurant Problems-Complaints and responses
4. Talking about Computer Problems
5. Reporting the News and the Weather
6. Reporting the News and the Weather
7. Product Problems- Complaints at the store
8. Talking about the future possibilities
9. Talking about the future possibilities
10. Health Problems and Herbs
11. Health Problems and Herbs
12. Job qualifications and Working Conditions

YIT102 Turkish for Foreigners II

1. Adjectives
2. Names of objects generally used in everyday life
3. Comparative adjectives
4. Future tense
5. Past tense
6. Short reading texts
7. Personal pronouns

PHR102 Pharmacology

Introduction to pharmacology; The absorption and distribution of drugs; Metabolism and excretion of drugs; Interactions, antagonisms and synergies between drugs; Metabolic effects of drugs; Autonomic nervous system drugs, cholinergic and anticholinergic drugs.

VSH102 Diseases Knowledge

Health and disease concepts, symptoms, findings, etiology, disease examination, examination types and diagnosis processes. Congenital abnormalities, infection and parasite disease, cancer, endocrine system diseases, blood diseases, mental health and disorders. Nerve system and sense organs diseases, respiration and circulation diseases, gastrointestinal system diseases. Neurologic diseases, urogenital diseases.

VSH104 Physiology

General structure of human body. Cell and functions, metabolism, body fluids and tissue types, organs and systems. Cell physiology, muscle physiology, circulation system, blood physiology, respiration system physiology, digestive system physiology, urinary system physiology, central nervous system physiology, endocrine system physiology.



CMB102 Clinical Microbiology

Introduction to Infection Diseases, General Information; Digestive System Diseases, Food Poisoning (S.Aureus), Botulismus, Typhoid, Paratyphoid, Salmonella Gastroenteritidis, Shigella, Cholera; Respiratory Diseases, Diphtheria, Mumps, Influenza, Whooping Cough, Bacterial pneumonias, Tuberculosis, Measles, Chickenpox; Infectious diseases transmitted by skin and mucous membranes Gonorrhea, Herpes Simplex Rabies, Tetanosis, Syphilis, Meningitis-Hepatitis-Aids, Parasitic Infections; Urinary System Infections; Catheter Infections; Hospital infections; Methods of combating infectious diseases.

DIT102 Nephrology I

Etiopathogenesis and clinical in chronic renal failure (CRF); Conservative treatments in CRF; Glomerular diseases in adults, Renal osteodystrophy anemia and treatment, Criteria for using Epo-venofer, Hypertension and treatment, Acute chronic peritoneal dialysis peritonitis.

DIT104 Internal Medicine

Liquid electrolytes; Acid-base balance; Homeostatis, stress, shock; GIS diseases; Endocrine system and diseases; Cardiovascular system and diseases; Respiratory system diseases; Immune system and diseases; Nephrology glomerular diseases; Nephrology nephritic syndrome; Acute-chronic renal insufficiency, Renal urinary infection Chronic Pyelonephritis issues will be processed.

DIT108 Dialysis I

Physiological principles of hemodialysis; They dialysis; Dialysis solutions; Water treatment system; H. D. Device; Indications for dialysis; Acute and chronic dialysis, H.D. application; Heparin administration, TMP adjustment; H. D. termination of the process; H. D. vein access passages for M. complications, H.D. MG. complications and applied treatments, P.D. Tools, materials and materials used with physiological principles; P. D. teams and duties, P.D. surgical complications related to catheter placement after implantation; Complications related to peritoneal catheters; P. D. patient selection criteria and patient education; Sufficiency in the treatment of peritoneal dialysis; Non-infectious complications and treatment in peritoneal dialysis; Characteristics and complications of hemodialysis in children; Peritoneal dialysis and complications in children.

DIT112 Biophysics

Basic electrical concepts and environment applications; Membrane Biophysics; Electrical properties of cell membranes; Local Potentials; Action Potentials; Excitation Potentials; Macromolecules; Radiation Issues will be processed.



DIT150 Summer Internship (30 Working Days)

- The necessity of auxiliary support personnel in the audiometry department.
- To explain / explain the concept (s) determined
- Raising awareness about the relevant concept (s) and developing it.
- To discuss the validity of the concept (s) determined.
- Developing selected / identified skills
- In-depth / detailed examination of selected topics
- To improve the existing knowledge of students about the determined concepts / theories / subjects
- To develop students' ideas / knowledge / understanding in the context of selected concepts
- Refreshing existing knowledge with students about the determined concept / theory / subjects
- Promoting innovation
- Developing critical thinking

III.FALL

DIT201 Nephrology II

Overview of renal replacement therapies, indications contraindications; Physiological principles of hemodialysis; Acute and chronic hemodialysis; Hemodialysis adequacy; Mg complications in hemodialysis; The status of renal replacement therapy in Turkey; Physiological principles of peritoneal dialysis.

DIT203 Dialysis II

Slow and continuous H.D. Methods; Hemoperfusion and dialysis in plasmapheresis-polsoning; Dry weight concept; The Resürkilasyo; Reuse of dialyser in elderly patients; Cardiovascular problems (K.A.H.Peritkardite, Endocarditis); GIS Issues; Dialysis Amyloidosis Carpal Tunnel Syndrome; Osteoarthropathy In peripheral joints; Spondylarthropathies; Metabolic and endocrine problems, H.D. (cancer, acquired renal cystic disease, impotence, sexual dysfunction in women, fertility control and pregnancy dialysis, pulmonary edema and pleural effusion, tuberculosis).

DIT205 Mental Health Problems in Dialysis Patients

With the basic concept of mental health; Health, illness, Mental Health, Body image; Hope-sleep; self-recognition; Behavior, attitude, personality development and personality disorders; Culture and Psychiatry; Chronic illness and illness, Thoughts about loss and death in hemodialysis patients; Crisis and crisis interventions, Organ donation and Psycho-Social approaches; Psychological problems in dialysis patients; Psychosomatic diseases, Anxiety disorders, Depression, Attempt attempts, Sexual problems; General principles regarding the regulation of the social life of a hemodialysis patient.

Doç. Dr. Ashi AYK
SHMYD Müdürü



DIT207 Enteral and Parenteral Administration

Excretion system and problems, probing enemas, drug application methods, oral drug intake patterns, drug preparation, parenteral drug administration, applied regions; Solutions and materials using intravenous fluid therapy; Fluid table complications, catheter applications and urinary system applications.

DIT209 Surgical Diseases

Surgical entry; Preoperative care; Operation during surgery, Operating room premedication; Anesthetic drugs and its application, Post-Operative Care Surgery; Medical surgical asepsis and principles yeast Infections; Tissue Injury and repair; wound care burns and treatment; Shock and types; Pulmonary diseases, thoracic surgery and caring, arterial, venous and lymphatic system diseases; Heart diseases and surgery, Gastrointestinal system diseases; Liver, Biliary cirrhosis, Pancreatic diseases and care; Urinary system and diseases, surgery and care, Organ transplantation; Nervous system surgery and its diseases and care.

HMT207 Hematology

Capillaries take blood, take blood from the vet, prepare and use anticoagulants. Prepare blood samples. Storing processed blood samples, transferring samples, counting blood cells manually

CBC203 Clinical Biochemistry

To teach the chemical structure and properties of macromolecules, metabolism, molecular mechanisms of diseases, biochemical diagnosis and research methods. 1-Learn the metabolism of macromolecules such as lipids, proteins, carbohydrates and nucleic acids in organisms 2-Learn the mechanisms of action of hormones 3-Learn disease biochemistry. Patient Head Tests, Metabolic Diseases, MI Markers, Tm Markers, Body Fluids, Kidney, Liver, Function Tests, Coagulation Biochemistry, Pregnancy Biochemistry

NPC107 Nutrition Principles

Healthy eating; Nutrition and employment; Nutrients include carbohydrates, proteins, oils, minerals, vitamins and beverages; Liquid balance; Adequate and balanced nutrition principles; Energy requirements; Ideal weight gain, obesity and diseases caused by; Nutrition in Special Situations, pregnant, nursing mother and Infant feeding, child feeding.

VSH201 Measurement and Evaluation

This course aims to provide students with the basic knowledge, concepts, models and skills required for measurement and evaluation. The control of whether students have reached the achievements in educational programs will be realized by using measurement and evaluation techniques effectively. It is an important training need for prospective teachers to learn about the learning deficiencies of students, their degree of achievement, and the assessment and evaluation approaches they will use to decide whether they will continue to a higher education level. This course aims to teach pre-service teachers the basic knowledge, concepts, models and skills required for measurement and evaluation.

Doç. Dr. Asli
SHMYO MÜDÜRÜ



IV.SPRING

VSH202 Public Health

Health human strength, Turkey and TRNC health organizations, explanation of community health, basic protection methods, immunity services, basic nutrition, health education, employee and employer health, family planning.

VSH204 Professional Ethics

Its a program that directed to information and skills to work suited for ethics rules in work life. Historical development of medicine, medicine principles.

VSH206 Health Care Management

Management concept and periods. Basic health services, Turkish health system and lower systems, aims, organizational structure, historical development, today's condition, process, management and institutional system and observation of institution.

VSH208 Rational Drug Use

Rational use of drugs: The use of drugs in accordance with the clinical needs of the patients, at an appropriate dose, in a sufficient period of time, at the lowest cost for both themselves and the community. To explain / explain the determined concept (s). To raise awareness about the related concept (s) and to develop it.

VSH210 Quality In Health Services

In all associate degree departments that include health services, quality in health includes safety, waste, infection, communication, healthcare worker responsibility, medical errors, emergencies, device management, sterilization and disinfection, devices in the hospital. Turkey overview of the health care system, patients employee safety and health quality standards, laid management, prevention of infections, medication management, radiation safety, basic patient rights, healthy communication with patients and their relatives, patient safety in healthcare worker liability, patient safety and medical errors, It includes risk management in health, prevention of falling patients, informing the patient and patient consent, safe drug practices, measurement and evaluation culture in health, material and device management, disaster and emergency management, and information management.

DIT202 Term Implementation

- Requirement of assistant support staff in the department
- To explain / explain the concept (s) determined
- Raising awareness about the relevant concept (s) and developing it.
- To discuss the validity of the concept (s) determined.
- Developing selected / identified skills
- In-depth / detailed examination of selected topics
- Students' existing knowledge about the concept / theory / subjects determined.
- develop
- Students' ideas / knowledge / understanding in the context of the chosen concepts



- develop
- Existing knowledge with students about the concept / theory / subjects determined.
- renew
- Promoting innovation
- Developing critical thinking

Doç. Dr. Aşlı AYKAC
SMMYO Müdürü

