

NEAR EAST UNIVERSITY
VOCATIONAL SCHOOL OF HEALTH SERVICES
OPERATING ROOM PRACTICE 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

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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

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: throat 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 sphenalis morphology, brain stem- cerebellum and cranial nerves – autonomic nerve system. Endocrine system. Sense organs: eye and vision, ear, hearing and balance ways.

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ORS101 Operating Room Technology

Describes the physical and functional environment of operating theatre. Operating room team workers have different background training and jobs in a very complex and important environment. Surgeons, anesthetists, nurses are the main members of the team and each have different sophisticated functional skills and are responsible of the surgical patients well being during a surgical intervention. Their duties are described and studied during the course. In addition surgical and technological instruments are defined and their principles and functions are investigated. Aseptic



techniques, dezerfection and sterilization procedures as well as instuments and systems like energy devices, laparoscopy and endoscopy systems are studied. Operating room environment, principiles of packeng and storing sterile material, operating room dangers and safety issues are included.

ORS103 General Microbiology

Classifications and structures of the microorganisms:basis for classification, sizes, staining techniques. Baxterial structure: cocci, bacifes, sprochets species.

Enviromental effect on bacteria. Sterilisation, disinfection and techniques.

Sterilization techniques: physical chemical, heat, beaming, filtration techniques. Viral structures: differences between virus and bacteria

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.

II.SPRING

AIT104 Ataturk's Principles and History of Turkish Revolution II

Mustafa Kemal Pasha, the principle that perform until her death on 29 October 1923 from the Republic of Turkey and reforms are considered penny.

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

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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

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.

ORS102 Surgical Diseases I

Different surgical diseases and problems are investigated and revised according to different specialities like general surgery, urology, obstetrics and gynecology and so on. Difference of open and laparoscopic operations, early and late complications are revised.

ORS104 Basic Anesthesia I

- Investigation of the relationship between drugs and biological systems, the effects of drugs, their mechanism of action and their use in therapy. Purposes:
- Explaining / explaining the determined concept (s) Raising awareness about the related concept (s) and developing it
- To discuss the validity of the concept (s) determined,
- Developing selected / determined skills,
- In-depth / detailed examination of selected topics,
- To improve the existing knowledge of students about the concept / theory / subjects determined,
- To improve students' ideas / knowledge / understanding in the context of selected concepts,
- Refreshing existing knowledge with students about the determined concept / theory / subjects,
- To encourage innovation,
- To develop critical thinking.



ORS106 Operating Room Practices I

It covers all the necessary arrangements in the operating room and patient transfer (such as surgical material preparation, patient transfer, positioning, etc.). It is aimed to give students the ability to practice their profession.

ORS150 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

BMB102 Basic Microbiology

Classifications and structures of the microorganisms: basis for classification, sizes, staining techniques. Bacterial structure: cocci, bacilli, spirochetes species. Environmental effect on bacteria. Sterilisation, disinfection and techniques. Sterilization techniques: physical chemical, heat, beaming, filtration techniques. Viral structures: differences between virus and bacteria

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

III.FALL

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ORS201 Surgical Diseases II

Different surgical diseases and problems are investigated and revised according to

different specialities like general surgery, urology, obstetrics and gynecology and so on. Difference of open and laparoscopic operations, early and late complications are revised.

ORS203 Basic Anesthesia II

- Investigation of the relationship between drugs and biological systems, the effects of drugs, their mechanism of action and their use in therapy. Purposes:
- Explaining / explaining the determined concept (s) Raising awareness about the related concept (s) and developing it
- To discuss the validity of the concept (s) determined,
- Developing selected / determined skills,
- In-depth / detailed examination of selected topics,
- To improve the existing knowledge of students about the concept / theory / subjects determined,
- To improve students' ideas / knowledge / understanding in the context of selected concepts,
- Refreshing existing knowledge with students about the determined concept / theory / subjects,
- To encourage innovation,
- To develop critical thinking.

ORS205 Operating Room Practices II

It covers all the necessary arrangements in the operating room and patient transfer (such as surgical material preparation, patient transfer, positioning, etc.). It is aimed to give students the ability to practice their profession.

ORS207 Anesthesia Practices

In this course, subjects such as respiratory diseases and anesthesia, anesthesia in open heart surgery, anesthesia in neurosurgical surgery will be covered. It is aimed to help patients prepare before surgery.

ORS211 Bacteriology

Important bacteria in clinical microbiology; Includes pathogenesis and immunity, epidemiology, prevention and control methods. Getting used to medical microbiology terminology, general characteristics of bacteria, microbial flora, host bacterial relationships, raising awareness of important bacteria in clinical microbiology.

TMB201 Infectious Diseases

Classification and Structures of Microorganisms: Basis of classification, naming, size, simple staining methods of microorganisms, Structure of bacteria: Round (cocci), rod-shaped and spiral-shaped bacteria, involution forms. Effect of external environment on microorganisms: Sterilization, disinfection and application methods. Sterilization methods, physical methods, chemical methods, heat, irradiation, filtration (filtration) methods, sterilization with dry-hot air, sterilization with moist heat, tindalization. Structure of Viruses: Differences between bacteria and viruses, AIDS virus. The basic features of sterilization are to provide skills for asepsis, antiseptics, disinfection, sterilization methods, sterilization of medical equipment, hospital infections, hand washing, sorting hospital wastes, hospital infection control measures and sterilization methods. Brief definition and importance of surgical infections are emphasized.



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.

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

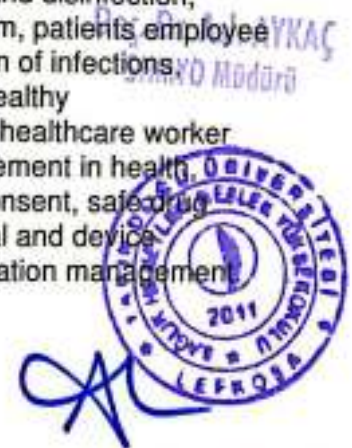
Management concept and periods. Basic health services, Turkish health system and lower systems, aims, organizational structure, historical development, today's condition, process, management and institutional system and observation of institution.

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.



ORS202 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

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