

NEAR EAST UNIVERSITY
VOCATIONAL SCHOOL OF HEALTH SERVICES
AUDIOMETRY TECHNICIAN 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: 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 spinalis morphology, brain stem- cerebellum and cranial nerves – autonomic nerve system. Endocrine system. Sense organs: eye and vision, ear, hearing and balance ways.

AUT101 Sound Physics and Acoustic Principles

Physics principles about sound waves in different environments, physical features of human voice, physical relations about human speaking. Structure of silent rooms which are used for audiological examinations. Reverberation, voice measurement tools and calibration principles, acoustic structure of speaking and phonetics.

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

AIT102 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
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

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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.

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.

AUT102 Hearing and Speaking Anatomy and Physiology

Anatomic and physiological features of hearing and speaking organs will be explained.

AUT104 Vestibular System Anatomy and Physiology

Anatomic and physiological features of vestibular system organs will be explained.

AUT106 Hearing Losses

Explanation of normal hearing, transmission type hearing losses, sense type hearing losses, mixed hearing losses, causes of hearing losses, companion diseases.

AUT108 Vertigo

Vestibular system complaints like dizziness, imbalance, feeling of dizziness, causes of Vestibular system complaints, companion diseases of vertigo.

AUT110 Hearing and Speaking Audiometry

Usage of audiometry and applicable tests, audiologic examination principles, audiometrist patient relation, profession and authority restriction, airway, hearing measurement techniques, speaking audiometry techniques.

AUT150 Summer Internship (20 Working Days)

- The necessity of auxiliary support personnel in the audiometry department.

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- 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

AUT201 Vestibular System Tests

Balance system, balance tests, vestibular tests, physical examination spontaneous nystagmus search, HTT, walking tests, Dix-Hallpike test, reposition maneuvers conventional methods.

AUT203 Impedansmetry Techniques

Physical aspects of the middle ear cavity and ear drum. Eustachian tube and relation with middle ear cavity ventilation electroacoustic impedansmetre and measurement principals, description of acoustic reflex and measurement techniques.

AUT205 Education in Clinic and Application I

Practical application of teorical courses and observation in audiology laboratory.

AUT207 Speaking Development

Childhood normal speaking development, relation between hearing loss and speaking development, speaking disorders due to hearing problems and classification and definitive diagnosis of speaking disorders.

AUT209 Hearing Instruments

Technical features and application principles of hearing instruments.

AUT211 Atypic Child and Audiology

Normal child and developmental features, child explanation and generally used terms. mentally defective children, learning difficulty, individual with cerebral palsy, epileptic children, family guidance and team work importance, in private education discipline and guidance.

AUT213 Advanced Test Methods In Audiometry

SAL, Tone Decay, SISI, Bekesy audiometry and Recruitment tests that used for definitive diagnosis of different pathologies and clinic audiometry.

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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, safety

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practices, measurement and evaluation culture in health, material and device management, disaster and emergency management, and information management.

AUT202 Electrophysiologic Tests In Audiometry

Objective test methods ABR (ERA, BERA), ECoG, OAE ve ASSR tests

AUT204 Advanced Test Methods In Audiometry

Test methods for determination of Functional and psychogenic originated hearing losses, simulation tests, speaking tests, subjective tests of non cooperative children, free area and game audiometry.

AUT206 Vestibular Electrophysiologic Tests

objective measurement of vestibular system by (ENG) ve (VNG) teknikleri, bitermal calorik tests, positional testler, (gaze) tests, optokinetic, saccadic and tracking tests.

AUT208 Education in Clinic and Application

The subjects covered in the theoretical lessons will be practically reinforced by observing in the audiology laboratory and assisting the patients in their tests.

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