

NEAR EAST UNIVERSITY
VOCATIONAL SCHOOL OF HEALTH SERVICES
PHYSIOTHERAPY TECHNICIAN 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

Doç. Dr. Aşlı AYKAÇ
SİMYÖ Müdürü



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

PHT101 Basic Measurement and Assessment at Physical Therapy

Questioning of the patient, functional assessment, physical examination, posture analysis, extremity length tests, flexibility assessment, normal range of motion assessment, goniometric measurements, upper and lower extremity manual muscle testing.



PHT103 Medical Biology and Genetic

- The aim of this course is; to examine general concepts about the general structure and functions of the cell and hereditary material and to inform them about genetic mechanisms,
- 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

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 Doç. Dr. Ashi AYKAÇ
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
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.

PHT102 Kinesiology and Biomechanics

Definition of kinesiology, topics related with kinesiology, motion and its types, general mechanical principles, physiology of bone tissue and laws, stress factors on bone, functional adaptation of bone to pathologic conditions, cartilage tissue – structure, characteristics, its mechanic and pathokinetics; mechanic of muscle function and pathomechanics; mechanical characteristics and pathomechanics of collagen tissue, joint classification, synovial joints and their characteristics, joint actions and planes, movement, balance. Normal and pathologic gait; vertebra mechanics and pathomechanics; scoliosis, pelvis-hip-knee –ankle and foot mechanics and



pathomechanics; Upper extremity kinesiology (shoulder-arm complex, elbow, wrist and hand mechanics and pathomechanics).

PHT104 Hydrotherapy and Balneotherapy

Terms in hydrotherapy, hydrotherapy and physiology, technics in hydrotherapy, whirlpool, fluidotherapy, heat-moisture treatment, hot-pack and parafin, pool therapy and aquatic exercises, thermal water.

PHT106 Orthosis-Prosthesis

To give information about what is orthosis, what is prosthesis, how to make, what is the aim of usage, which patient uses which type of orthosis/prosthesis; how to give information to patients about usage of orthosis/prosthesis. Orthosis for upper, lower extremity and vertebra. Rehabilitation and home programme for patients using orthosis/prosthesis.

PHT108 Heat-Light

Classification of physical agents, hot and cold treatment techniques, superficial and deep heating, hot pack, cold pack, parafin, infrarouge, traction. Low frequency current, diadinamic current, ultrasound, enterferential current, functional electrical stimulation, Russian current, short wave diathermy, microwave diathermy, transcutaneous electrical nerve stimulation, biofeedback, magnetotherapy.

PHT110 Clinical Sciences I

To give general information about frequent musculoskeletal system disorders, general characteristics of musculoskeletal system disorders, Osteoporosis, Osteoarthritis, rheumatic diseases especially Ankylosing Spondylitis and Rheumatoid arthritis, mechanical reasons of neck and low back pain, disc herniations, soft tissue injuries, general information about ortopedic, neurologic diseases.

PHT112 Electrotherapy I

- Providing information about the properties, effects and clinical usage of electrotherapy agents used in physical therapy
- 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
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- Refreshing existing knowledge with students about the determined concept / theory / subjects
- Promoting innovation
- Developing critical thinking



PHT150 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
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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

PHT201 Pediatric Rehabilitation

Normal growth and development, examination, reflexes, postural reactions, linguistic development and speech. Rehabilitation of cerebral palsy and other congenital and genetic neuromuscular system disorders of childhood. Rehabilitation techniques of pediatrics, conventional and neurophysiologic techniques. Orthosis, prosthesis, splinting for pediatrics.

PHT203 Neurologic Rehabilitation

Rehabilitation of infectious, vascular, traumatic and degenerative diseases of central and peripheral nervous system, rehabilitation of stroke and spinal cord injuries, traumatic brain injuries and its rehabilitation.

PHT205 Rehabilitation of Rheumatic Diseases

Frequent rheumatic diseases, physical therapy agents, rehabilitation and splinting at acute-subacute-chronic stages of rheumatic diseases.

Doç. Dr. Ashi AYKAY
SİMYO Müdürü



PHT207 Orthopedic Rehabilitation

The terms of orthopedics and traumatology, fracture and its healing process, contractures, stretching exercises, range of motion exercises, strengthening exercises, prosthetics and rehabilitation protocols, sports injuries and their rehabilitation.

PHT209 Cardiac-Pulmonary Rehabilitation

To give information about rehabilitation of patients with cardiac and respiratory problems. Bronchial drainage techniques, controlled breathing techniques, exercise techniques that are used frequently for pulmonary rehabilitation

PHT211 Electrotherapy II

- Providing information about the properties, effects and clinical usage of electrotherapy agents used in physical therapy
- 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
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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

Doç. Dr. Aslı AYKAÇ
SHPYO Müdürü

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.

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, lald 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.

PHT202 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 AYKAÇ
SHMYÖ Müdürü



A handwritten signature in blue ink, consisting of a stylized, cursive script that appears to be the name "Aşlı".