

**EASTERN MEDITERRANEAN UNIVERSITY**  
**FACULTY OF HEALTH SCIENCES**



**DEPARTMENT OF PHYSIOTHERAPY AND REHABILITATION**  
**COURSE DESCRIPTIONS**

1.	<p><b>FZTT106 Electrophysical Agents</b></p> <p>Basic physiological principles, currents of low and high frequencies, application methods, innovations in electrotherapy, straight galvanic currents, iontopheretic, medical and surgical galvanism, low frequency currents, diadynamic currents, interferential currents, applications related to functional electronic simulations.</p> <p><i>Credits: (3 / 2 / 0 ) 4</i>      <i>Prerequisites: None</i>      <i>ECTS: 5</i>  <i>Abbreviated Title: Electrophysical Agents</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: electrotherapy, electrophysiology</i></p>
2.	<p><b>FZTT200 Summer Internship</b></p> <p>Students will apply the knowledge they have gained throughout the programme. They will find the opportunity to use electrotherapeutic heat-light and hydrotherapy agents during 15 working days.</p> <p><i>Credits: (0 / 0 / 0 ) 0</i>      <i>Prerequisites: None</i>      <i>ECTS: 0</i>  <i>Abbreviated Title: Summer Internship</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: practice</i></p>
3.	<p><b>FZTT201 Massage Applications</b></p> <p>Mechanism of action of the classical massage, techniques, indicated and contraindicated states, correct positioning, partial applications, deep friction massage and its application. The history of Connective Tissue Manipulation (C.T.M), it's mechanism of actions, reflex areas of the C.T.M, applications of C.T.M to main and other parts.</p> <p><i>Credits: (3 / 2 / 0 ) 4</i>      <i>Prerequisites: None</i>      <i>ECTS: 5</i>  <i>Abbreviated Title: Massage Applications</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: massage, positioning</i></p>
4.	<p><b>FZTT202 Professional Practice – I</b></p> <p>Within the scope of the 'Professional Practice' , the students would have the opportunity to practice the knowledge they have gained for 20 working days on general physiotherapy in hospitals and /or health centers.</p> <p><i>Credits: (1 / 8 / 0 ) 5</i>      <i>Prerequisites:None</i>      <i>ECTS:10</i>  <i>Abbreviated Title: Professional Practice</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: practice, physiotherapy</i></p>
5.	<p><b>FZTT204 Professional Practice- II</b></p> <p>Within the scope of the 'Professional Practice' course, the students would have the opportunity to practice the knowledge they have gained for 20 working days on orthosis and prosthesis in hospitals and/or health centers.</p> <p><i>Credits: (1 / 8 / 0 ) 5</i>      <i>Prerequisites:None</i>      <i>ECTS:10</i>  <i>Abbreviated Title: Professional Practice</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: practice, physiotherapy</i></p>
6.	<p><b>FZTT206 Professional Practice- III</b></p> <p>Within the scope of the 'Professional Practice' course, the students would have the opportunity to practice the knowledge they have gained for 20 working days on internal and surgical illnesses in hospitals and/or health centers.</p> <p><i>Credits: (1 / 8 / 0 ) 5</i>      <i>Prerequisites:None</i>      <i>ECTS:10</i>  <i>Abbreviated Title: Professional Practice</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: practice, physiotherapy</i></p>
7.	<p><b>FZTT213 Introduction to Orthosis Prosthesis</b></p> <p>Definitions of orthosis and prosthesis, aims, partial foot prosthesis, mid-calf prosthesis, hip disarticulation and prosthesis, upper extremity prosthesis, hand and wrist, lower elbow, upper elbow prosthesis, shoulder disarticulation and prosthesis, lower and upper extremity orthosis, using prosthesis in columnar vertebral illnesses and problems.</p> <p><i>Credits: (3 / 2 / 0 ) 4</i>      <i>Prerequisites: None</i>      <i>ECTS: 6</i>  <i>Abbreviated Title: Introduction to Orthosis Prosthesis</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: hand orthosis, disarticulation</i></p>
8.	<p><b>FZTT214 Surgical Sciences</b></p> <p>Information about orthopedic, brain and nerve, cardiovascular, urologic problems and their surgery.</p> <p><i>Credits: (2 / 0 / 1 ) 2</i>      <i>Prerequisites: None</i>      <i>ECTS: 4</i>  <i>Abbreviated Title: Surgical Sciences</i>      <i>Category: Area Core</i>      <i>Teaching Language: Turkish</i>  <i>Keywords: Surgical diseases, surgery</i></p>

Course Descriptions – II - English : All compulsory courses offered by other academic units			
1.	<b>FZTR105 Heat and Light</b>  The main knowledge related to the usage of heat agents, theories of the usage of heat agents during suffering, physiological features and physiological effects of heat, heat sources, physiological features and applications of ultraviolet and laser.  <i>Credits: (3/ 0/ 0 ) 3</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title:Heat and Light</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: ultraviolet, laser</i>		
2.	<b>FZTR108 Psychosocial Rehabilitation and Ethics</b>  Inability, disability and handicap terms, causes of defects, personality development in defected children, psychosocial approaches at visually impaired people, psychosocial approaches at hearing and speaking impaired people, approaches at neuromuscular and traumatic disorders, pscholosocial approaches at mentally retarded patients.  <i>Credits: (2 / 0 / 0 ) 2</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title: Psychosocial Rehabilitation and Ethics</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: handicap terms, deficit</i>		
3.	<b>FZTR109 Hydrotherapy and Balneotherapy</b>  Definitions of hydrotherapy and balneotherapy, physiological concepts and application methods of hydrotherapy and balneotherapy. Vortex baths, showers and sprays, fluid therapy, damp heat applications, paraffin and saunas, pool treatment and water exercises, tests of hydrotherapy, mineral springs and mud baths.  <i>Credits: (2/ 0/ 0 ) 2</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title:Hydrotherapy and Balneotherapy</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: paraffin, saunas, pool</i>		
4.	<b>FZTR126 Health Care Systems and Rehabilitation</b>  Definition of rehabilitation, history, types of rehabilitation, the scope of rehabilitation, active relations with the patient, multidisciplinary and interdisciplinary approaches in health care systems.  <i>Credits: (2 / 0 / 0 ) 2</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title: Health Care Systems and Rehabilitation</i> <i>Category: Area Core Course</i> <i>Teaching Language:Turkish</i> <i>Keywords: patient, multidisciplinary</i>		
5.	<b>FZTR151 Introduction to Anatomy</b>  Human anatomy in relation to body systems and functions. The students will learn the anatomy of bones, joints, muscles, internal organs and brain.  <i>Credits: (2 / 2 / 0 ) 3</i> <i>Prerequisites: None</i> <i>ECTS: 6</i> <i>Abbreviated Title: Introduction to Anatomy</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: muscles, locomotor</i>		
6.	<b>FZTR152 Introduction to Physiology</b>  The parts of the organism (cell, tissue, organ, system), roles and the relationship between these parts. Physiologies of cell, nerve, muscle, blood, central nervous system, respiration and digestion systems are introduced.  <i>Credits: (2 / 0 / 0 ) 2</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title: Introduction to Physiology</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: cells, nerves, systems</i>		
7.	<b>FZTR221 Introduction to Kinesiology</b>  Introduction to kinesiology, principles of biomechanics, structure and features of the bone, muscle and articular mechanics, kinesiology of columna vertabrae, hip, knee, ankle, shoulder and wrist joint mechanisms.  <i>Credits: (3 / 0 / 0 ) 3</i> <i>Prerequisites: None</i> <i>ECTS: 4</i> <i>Abbreviated Title:Introduction to Kinesiology</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: movement science, articular</i>		
8.	<b>FZTR223 Terminology and Concepts of Health</b>  Information on basic medical terms and concepts. Information about diseases and the system of their international classification, the basic elements that make up medical terms, roots, prefixes, suffixes, and the concepts related to health and disease.  <i>Credits: (2 / 0 / 0 ) 2</i> <i>Prerequisites: None</i> <i>ECTS : 2</i> <i>Abbreviated Title: Terminology and Concepts of Healt</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: basic medicine, disease</i>		

