

EASTERN MEDITERRANEAN UNIVERSITY
FACULTY OF HEALTH SCIENCES
DIALYSIS



COURSE DESCRIPTIONS

1.	<p>DYLZ107 Introduction to Dialysis</p> <p>To increase students' ability and knowledge regarding care and follow-up stages at pre-dialysis, during dialysis and post-dialysis stages. The course includes basic concepts of health practices, human-health-disease and environment concepts, ethical decision making process and attitudes regarding ethical principles.</p> <p><i>Credits : (4/ 0 /0) 4</i> <i>Prerequisites: None</i> <i>ECTS: 7</i> <i>Abbreviated Title: Introduction to Dialysis</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Dialysis, health practice</i></p>
2.	<p>DYLZ108 Usage and Care of Dialysis Equipments - I</p> <p>Recognition of the kidney machine (dialyser), the main features of the kidney machine I and II, dialysis settlement, membrane settlement, required boundings of kidney machine, disinfection systems of kidney machine, Na and UF profiles</p> <p><i>Credits: (4/ 2 / 0) 5</i> <i>Prerequisites: None</i> <i>ECTS: 8</i> <i>Abbreviated Title: Usage and care of dialysis equipment</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Dialysis, kidney machine, disinfection</i></p>
3.	<p>DYLZ109 Basic Professional Practices</p> <p>Medical team, main necessities of human, main self-care practices and related features, the main principles of posture and body mechanics, body mechanics and lying positions, the reason and importance of mobilizing individual , medical and surgical asepsis, aberration of life evidences, application of medicine and principles of secure medicine applying.</p> <p><i>Credits: (3/ 2 / 0)4</i> <i>Prerequisites:None</i> <i>ECTS: 8</i> <i>Abbreviated Title: Basic professional practices</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Care, application</i></p>
4.	<p>DYLZ110 Advanced Dialysis</p> <p>The main aim of the course is to inform students about dialysis, reasons of dialysis and the treatment options. The course includes definitions regarding treatment methods such as hemodialysis, peritoneum dialysis and kidney transplantation.</p> <p><i>Credits: (3/ 0 / 0) 3</i> <i>Prerequisites: None</i> <i>ECTS : 6</i> <i>Abbreviated Title: Advanced dialysis</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Peritoneum dialysis, hemodialysis</i></p>

5.	<p>DYLZ112 Pharmacology in Dialysis</p> <p>Definitions and introduction to pharmacology, research area of pharmacology and parts, pharmaceuticals shapes and the ways of giving medicine, pharmacokinetics features, side effects of medicines and toxic effects, intoxications and treatments, medicines of autonomic nervous system, medicines of cardiovascular system, disinfectants and recipe knowledge.</p> <p><i>Credits: (3 / 0 / 0) 3</i> <i>Prerequisites:None</i> <i>ECTS: 6</i> <i>Abbreviated Title:Pharmacology in dialysis</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Medicine, diseases</i></p>
6.	<p>DYLZ 200 Summer Training</p> <p>The training course of 20 working days aims to reinforce students for practical application in associations and health centers with the consultancy of academic personnel.</p> <p><i>Credits: (0 / 0 / 0) 0</i> <i>Prerequisites: Prior to registration 30 credits</i> <i>ECTS: 0</i> <i>Abbreviated Title: Summer training</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Training, hospital</i></p>
7.	<p>DYLZ205 Usage and Care of Dialysis Equipments - II</p> <p>The main features of the kidney machine, dialysis system equipments, water purification systems. Membrane settlement, connections, disinfection systems of kidney machine, defines Na and UF profiles.</p> <p><i>Credits: (4 / 4 / 0) 6</i> <i>Prerequisites: None</i> <i>ECTS:9</i> <i>Abbreviated Title: Usage and care of dialysis equipments II</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Dialysis, machine</i></p>
8.	<p>DYLZ207 Internal Diseases and Nephrology</p> <p>Chronic kidney illness and its causes. Metabolic changes in renal insufficiency (hypertension, cardiovascular system, nerve system, renal osteodystrophy, hematopoietic system, GIS, immune system), conservative treatments in chronic kidney dysfunctioning, general definition of renal replacement, defines indications and contraindications, acute renal failure, nephrotic and nephritic syndrome.</p> <p><i>Credits: (3 / 0 / 0) 3</i> <i>Prerequisites:None</i> <i>ECTS : 5</i> <i>Abbreviated Title: Internal diseases and nephrology</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: chronic illnesses, acute renal failure.</i></p>
9.	<p>DYLZ206 Professional Practices</p> <p>Students will have an opportunity to observe the pre-dialysis, dialysis and post-dialysis patients in hospitals and health centers. Will apply practical knowledges to reinforce their theoretical backgrounds in one academic term.</p> <p><i>Credits: (0/ 12/ 0)6</i> <i>Prerequisites:None</i> <i>ECTS: 9</i> <i>Abbreviated Title: Dialysis</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: dialysis, illness</i></p>

Course Descriptions – II - English : All compulsory courses offered by other academic units	
1.	<p>HIST280 Atatürk's Principles and History of Turkish Reforms</p> <p>The topics of the collapse of the Ottoman Empire, Tanzimat and Islahat, I. and II. Constitutional Period, World War I and the entry of the Ottoman Empire, the Armistice of Mudros, Atatürk's personality and his departure to Samsun, congresses period and the Independence War, the Abolition of the Sultanate, the Lausanne Peace Treaty, the principles and reforms of Atatürk and modern Turkey.</p> <p><i>Credits: (2 / 0 / 0) 2</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title: Atatürk's Principle and Turkish Reforms</i> <i>Course Category: University Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: History, revolution</i> <i>Department offering the course: Ataturk Research Center</i></p>
2.	<p>ENGL161 Basic English - I</p> <p>ENGL 161 is a first semester English language course at the Turkish Medium Programmes. This course introduces the students to the English language and aims to develop listening, speaking, reading and writing skills. Students will practise communication skills in class through simulated target language situations.</p> <p><i>Credits: (3 / 1 / 0) 3</i> <i>Prerequisites: None</i> <i>ECTS: 6</i> <i>Abbreviated Title: English - I</i> <i>Category: University Core</i> <i>Teaching Language: English</i> <i>Keywords: Common European Framework of Reference for Languages, A1</i> <i>Department offering the course: Modern Languages</i></p>
3.	<p>ENGL162 Basic English - II</p> <p>ENGL 162 is a second semester English language course for students at the Turkish Medium Programs. This course further develops language and study skills which were introduced in the ENGL 171 English course. Particular emphasis will be placed on improving students' communication skills.</p> <p><i>Credits: (3 / 1 / 0) 3</i> <i>Prerequisites: ENGL161</i> <i>ECTS: 6</i> <i>Abbreviated Title: English - II</i> <i>Category: University Core</i> <i>Teaching Language: English</i> <i>Keywords: Common European Framework of Reference for Languages, A1</i> <i>Department offering the course: Modern Languages</i></p>
4.	<p>FZTR151 Introduction to Anatomy</p> <p>Human anatomy, body systems and functions, bones, articulars, muscles, systems and neurological subjects.</p> <p><i>Credits: (2 / 2 / 0) 3</i> <i>Prerequisites: None</i> <i>ECTS: 5</i> <i>Abbreviated Title: Anatomy</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: human, body</i> <i>Department offering the course: Department of Physiotherapy and Rehabilitation</i></p>
5.	<p>FZTR152 Introduction to Physiology</p> <p>The parts of the organisms (cell-tissue-organ-system), their missions and the relationship between these parts are examined. Cell, physiology, nerve, muscle, blood physiology, central nervous system and respiration, circulation system physiologies are examined.</p> <p><i>Credits: (2 / 0 / 0) 2</i> <i>Prerequisites: None</i> <i>ECTS : 3</i> <i>Abbreviated Title: Physiology</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Cell, respiration, circulation</i></p>

6.	<p>FZTR153 Introduction to Microbiology</p> <p>Basic microbiology and parasitology. History of microbiology, basic features of microorganisms, nutrition of microorganisms, reproduction, microbiology of special environment, normal microbe flora of human body, host-parasite relations, spreading ways of microorganisms, basic immune system, sterilization, methods of disinfection.</p> <p><i>Credits: (2 / 2 / 0) 3</i> <i>Prerequisites: None</i> <i>ECTS: 6</i> <i>Abbreviated Title: Basic microbiology</i> <i>Category: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: microorganism, parasitology</i> <i>Department offering the course:</i> Department of Physiotherapy and Rehabilitation</p>
7.	<p>FZTR160 Communication Services in Medical Institution</p> <p>Communication theories, basic concepts related to communication, therapeutic communication, cases that facilitate and prevent theraoetic communication, aid abilities, critical thinking and problem solving, professional ID, professional communication, crew communication within health care services, inter cultural communication, group communication, family communication, conflict and conflict management, using communication in health education, group conflicts</p> <p><i>Credits: (2 / 0 / 0) 2</i> <i>Prerequisites:None</i> <i>ECTS : 3</i> <i>Abbreviated Title: Communication services</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: Grup confict, family communication</i></p>
8.	<p>FZTR223 Health Concepts and Terminology</p> <p>Introduction, basic definition and concepts are taught. Terms and definitions about human structure, general knowledge about illnesses and classification of illnesses, units that forms medical terms, terms related to systems, roots, prefixes and suffixes, correct spelling of the words and related terminology.</p> <p><i>Credits: (2 / 0 / 0) 2</i> <i>Prerequisites: None</i> <i>ECTS : 4</i> <i>Abbreviated Title:Medical terminology</i> <i>Category: University Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: health, medical terms</i></p>
9.	<p>ITEC115 Introduction to Computer</p> <p>Introduction of the computer and constituent parts of the computer, the significant basis of computer languages, information and skill of software, the presentation of computer package programs widely used in the fields of health and education and gaining the ability to use.</p> <p><i>Credits: (2 / 2 / 0) 3</i> <i>Prerequisites: None</i> <i>ECTS: 6</i> <i>Abbreviated Title: Introduction to Computer</i> <i>Category: University Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: computer, program</i> <i>Department offering the course: Department of Technology of Computer and Informatic Systems</i></p>

10.	<p>BESD161 Principles of Basic Nutrition</p> <p>Introducing principles and characteristics of nutrition. The definition and importance of nutrition, nutritional elements and their functions, nutrition in special cases (pregnant-lactation, 0-1 aged infant, school age, adolescent, elder etc.) .</p> <p><i>Credits: (2 / 0 / 0) 2</i> <i>Prerequisites: None</i> <i>ECTS :3</i> <i>Abbreviated Title: Introduction to Nutrition</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: nutrition, nourishment</i></p>
11.	<p>ANEZ202 Infectious Diseases</p> <p>Causes of infection, infectious diseases and factors that affect these diseases, spreading ways of infection and infection chain, common used concept in epidemiology, most frequent infectious diseases in our country, ecological balance and health, general approaches to infectious diseases, pathology of the bacterial diseases, pathology of the viral illnesses, cellular coordination of the body's defense system, immune response mechanisms for infectious diseases.</p> <p><i>Credits: (2 / 0 / 0)2</i> <i>Prerequisites:None</i> <i>ECTS: 3</i> <i>Abbreviated Title:Infectious Diseases</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: infection, diseases</i></p>
12.	<p>SGBL105 Deontology and Ethics in Health Sciences</p> <p>Concept of ethics, principles of ethics, types of ethics, quality standards, ethical problems in business, ethics and patient complaints, evaluation of the defective services that occur within tourism sector are defined within the course.</p> <p><i>Credits: (2 / 0 / 0)2</i> <i>Prerequisites: None</i> <i>ECTS: 3</i> <i>Abbreviated Title:Occupational Ethics</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: ethics, patient</i></p>
13.	<p>SGBL 108 Knowledge of Diseases</p> <p>General structure of human body, cell and its functions, metabolism, body liquids, electrolytes, tissue and types, organs and their systems, respiration, Circulation, excretion and reproductive organs and their functions, health and illnesses, symptoms, etiology, mental health and neurosis, nervous system and sense organs diseases.</p> <p><i>Credits: (3 / 0 / 0) 3</i> <i>Prerequisites:None</i> <i>ECTS: 5</i> <i>Abbreviated Title: Knowledge of Diseases</i> <i>Category Area: Area Core</i> <i>Teaching Language: Turkish</i> <i>Keywords: human body, electrolytes</i></p>