

**KARAMANOĞLU MEHMETBEY UNIVERSITY**  
**VOCATIONAL SCHOOL OF HEALTH SERVICES**  
**FIRST AID AND EMERGENCY PROGRAM COURSES**

**FIRST SEMESTER**

**Emergency Patient Care I (4 0 4) (ECTS: 8)**

Introduction of the Course : intro, aim and learning objektives, To apply the first evaluation techniques, To make the first evaluation of the patient or the wounded, To make the second evaluation of the patient or the wounded, To apply the second evaluation techniques, To make the second evaluation of the patient or the wounded, To evaluate the respiratory system diseases, To apply emergency care for respiratory failures, To evaluate the cardiovascular system diseases, To apply emergency care to the patient with a chest pain, To evaluate the nervous system diseases, To apply emergency care for nervous system diseases. To apply the second evaluation techniques, To make the second evaluation of the patient or the wounded,

**Emergency Health Services I (3 0 3) (ECTS: 5)**

Introduction of the Course: Intro, aim and learning objektives, To evaluate the health services, To evaluate the emergency health services, To evaluate the regulations of emergency health services in Turkey, To evaluate the organizational substructure of emergency health services in Turkey, To evaluate the ambulance and vehicles of emergency health, To know the ambulance equipment in Turkey, To evaluate the structure and operation of the emergency service in Turkey, To use the forms of emergency medical service in Turkey, To evaluate the authorities and responsibilities of paramedics, To make task organizations, To provide self safety, To provide safety of the patient, To provide communication in ambulance and emergency health services.

**Anatomy (3 0 3) (ECTS: 6)**

Introduction to Anatomy, Terminology, Axis-Plane Information, Upper Extremity Bone and Joint, Motion System, Lower Extremity Bones and Joints, Skeleton Axial to, joints, head and trunk muscles, Motion System, Lower and Upper Limb Muscles, Respiratory System Anatomy, Digestive System anatomy, Uro-Genital System anatomy of the Heart and Circulatory System anatomy of the Central Nervous System Anatomy of the Peripheral Nervous System anatomy, autonomic Nervous System anatomy, Sensuum, Sensory Organs anatomy.

**Physical Fitness and Performance I (1 2 3) (ECTS: 3)**

The effects on the human organism, physical education and sports, Training of conditional motor features, Fitness activities, Approach to a healthy body and a healthy life, Sufficient and balanced diet, The main purpose of training and basic tasks, Training techniques, Swimming on the water, Swimming techniques, Ensure the safety of water, Your Sea Rescue Techniques, Applying the sea Personal Rescue Techniques 1, Applying the sea Personal Rescue Techniques 2, Physical education and sport's effects on the human organism.

**Turkish Language I (2 0 2) (ECTS :2)**

Aims and objektives of the course, content, materials and introduction of the semester curriculum, What is language? What are the features of language? Theories of the birth of languages and language

types. Language-culture relation. World languages and the place of Turkish among them. Historic phases of the Turkish Language. What is grammar? Subjects and chapters of grammar. Mid-term exam and course assessment. Classification of sounds in Turkish, sound features of Turkish. Sound actions, syllable structures and intonation in Turkish. Inflectional and derivational suffixes in Turkish. Parts of speech (nouns, adjectives, adverbs, pronouns). Parts of speech (verbs, conjunctions, prepositions, exclamations). Sentence elements and types.

### **Ataturk's Principles And Revolution History II (2 0 2) (EKTS :2)**

The Basic Concepts of the History of the Turkish Revolution. The Rise of Western Civilization. The Dissolution of the Ottoman Empire. Efforts to Save the Ottoman Empire [Reform Movements to Prevent Dissolution, Firman of Tanzimat, Firman of Islahat, First Constitutional Monarchy, the Young Turks Movement and the Experience of the Second Constitutional Monarchy, Ideological Search to Save the Empire: Ideologies of Ottomanism, Islamism, Westernism, Turkism]. The Collapse of Ottoman Empire. The End of the First World War and the Occupation Anatolia. The Beginning of National Resistance. The Period of Congresses and the Organization of the National Resistance. Opening of the Grand National Assembly of Turkey (GNAT). The War of Independence is Beginning. Southern and Western Fronts. Toward to the Victory at Western Front. The Great Attack and Preparations for an Honorable Peace . The Treaty of Lausanne and Peace.

### **Foreign Language (Eng.) I (2 0 2) (ECTS:2)**

Introduction to the English language. am/is/are: The verb to be is introduced in all persons, singular and plural. The possessive 's. Members of the family (father, aunt, etc.). The Present Simple Tense part 1. The Present Simple Tense part 1. General Repetition and Midterm Exam. Where are you from? Adverbs of frequency: always, sometimes, never etc. There is and there are structures This, that, these, those. Where do you live? A living room, a kitchen, their classroom, and where they live themselves. can, can't / statements, questions, negatives. Vocabulary and pronunciation was/were, and could/couldn't. How much...? The Past Simple Tense Regular and irregular forms of the verbs. The past forms of the verb TO BE was, were

### **Medical Deontology And Ethics (2 0 2) (ECTS:3)**

to analyse the concepts of ethics and morals. to analyse the concepts of ethics and morals. To analyse the ethics systems. To analyse the ethics systems. To analyse the ethics systems. to analyse the factors that play a role in the formation of morality. to analyse the factors that play a role in the formation of morality. Repeating courses and midterm exam. examine the ethics of profession. to analyse the professional ethics. to analyse the professional ethics. Analyzing professional corruption and the results of unethical behavior in professional life. examine the concept of social responsibility.

### **Interpersonal Relations And Communication (2 0 2) (ECTS:3)**

Purpose and Scope-Definition of Communication-Basic Concepts of Communication. Communication Process and Objective value. Importance of Communication Effective Communication Concepts and

Terms. Detection and Evaluation of Communication. Types of Communication and Oral Communication Concept. Concept and Types of Communication and Written Communication. Types

## **SECOND SEMESTER**

### **Emergency Patient Care II (4 0 4) (ECTS: 8)**

Evaluating Respiratory System Diseases, Apply Emergency Care in Respiratory Distress, Cardio-Vascular System to Assess Disease, Chest Pain Patients to emergency care, Nervous System Diseases Assess, Implement Emergency Care in Nervous System Diseases, Digestive System Diseases to evaluate, digestive system emergencies, abdominal pain patient emergency care, Metabolic Diseases Assess, Implement Emergency Care in Metabolic Diseases, Infectious Diseases evaluate, Apply Emergency Care Infectious Diseases, uro-genital diseases Evaluate, uro-genital diseases Apply Emergency Care.

### **Emergency Patient Care II (3 0 3) (ECTS: 5)**

Course description: Introduction, Purpose and Learning Objectives, Complying with Basic Prevention principles in Disasters, Implementing Emergency Care in Disasters, Triage, Assessing the risk of CBRN, Implementing Emergency Health Service in Biological Accident or attack, Implementing Emergency Health Service in chemical Accident or attack, Implementing emergency health services in radioactive, nuclear accident or attack, Fire Prevention, Fire Fighting, Private communication techniques in emergency situations 1, Custom 2 in case of emergency communication techniques, Environmental Emergency Care in Practice 2.

### **Physiology (3 0 3) (ECTS: 6)**

Basic concepts and terms of physiology. Cell's tasks. Respiratory mechanism. Oxygen and carbondioxyde transfer and functions in blood. Heart functions. Blood and lymph circulation. Blood and liquid electrolytes. Central nervous system. Peripheral nervous system. Endocrine system. Excretory system. Digestive system. Sense organs.

### **Physical Fitness and Performance II (1 2 3) (ECTS: 3)**

Physical education on the human organism and its spores effects, motoric abilities and fitness, exercising, approaches for a healthy body and a healthy lifestyle, adequate and balanced diet, the basic purpose and function of the exercise, the relationship between rest and load in education, training techniques, Swimming, Swimming techniques, ensuring the water safety of life at sea of personal life-saving techniques, water rescue survivors, physical education and sports's effects on the human organism.

### **Turkish Language II (2 0 2) (ECTS :2)**

Reading, Understanding, Explaining, General Information Related to Speech, Speech Techniques, Communication Disorders, Good Lecture Qualifications, Written Expression Type, Requires Creativity, Genres (Story, Novel), Creativity Require Species (Poetry), Functional Types (Articles, Jokes Trial), Functional Types (Travel Writing, memoirs, diaries, etc.), Correspondence (letters, petition, report), Listening, Speaking, Principles of Effective and Beautiful Speech, Speech Types (Conference, Panels, Symposium, etc.). from Turkish and world Literature and Thought of History, Making Study of Selected Texts

### **Foreign Language (English) II (2 0 2) (ECTS :2)**

Simple Present Tense, Frequency Adverbs, Present Continuous Tense, Negative, Positive and (Yes/No and -wh) Question forms, Simple Present Tense Versus, Present Continuous Tense, Simple Past Tense (was/were), Negative, Positive and (Yes/No and -wh) Question Forms, Simple Past Tense (Did, v2), Negative, Positive and (Yes/No and -wh) Question Forms, Past Continuous Tense, Negative, Positive and (Yes/No and -wh) Question Forms, General Review of Tenses

### **Ataturk's Principles And Revolution History II (2 0 2) (ECTS :2)**

Sevr Treaty and the Turkish Nation Impact on the 1st Inonu, 2 Inonu, Sakarya War and Great Attack, the National Struggle for Political Parties, Mudanya Armistice and the Lausanne Peace Treaty, Atatürk Turkish Foreign Policy, Republic Prepared by Developments, the Proclamation of the Republic and Response, Politics Education, Culture, Law and Revolution in the Social Sciences, Ataturk's principles (republicanism, nationalism, populism), Ataturk's principles (secularism, statism, reformism), Response to Reforms (Sheikh Said, Izmir Assassination, Dersim Rebellion, etc.), 1923-1929 Between the years of Turkey's Economic Structure, Economic Structure in Turkey between the years 1929-1938, 1919-1938 Inter Turkish Foreign Policy, Lincoln 's death and the Developments in Post-world War 2 and Turkey, between 1950-2000 in Turkey Overall assessment of the events experienced

### **First Aid And Emergency (3 0 3) (ECTS :3)**

Emergency and First Definition of Aid, Basic Principles, Objectives and Legal Aspects, Patient / Evaluation of the injured, coma position, in adults and in children respiratory tract obstruction, Respiration and Circulation Downtime and Heart-Lung Revitalization (CPR) (adults and children), Bleeding, Shock and shock Therapy, Cardiac Emergencies, Basic and Advanced Life Support, haematological and immunological Emergencies, Genitourinary emergencies, neurological emergencies, metabolic emergencies, Toxicological Emergencies, Animal Stings and Bites, Thoracic trauma, Abdominal trauma, Musculoskeletal Emergencies, Face, Eye, Ear -There's throat and Dental trauma, Multiple trauma, Burn, Freeze, who Disorders Caused By Hot Effect, Civil Defense, wounded and Sick Handling Techniques, Weapons of Mass Destruction (NBC), Triage, Disasters, Emergency Service Organization and Standards

## **THIRD SEMESTER**

### **EMERGENCY PATIENT CARE III (4 0 4) (ECTS:9)**

Introduction of the Course: Intro, aim and learning objectives, To evaluate psychiatric diseases, To apply emergency care for psychiatric diseases, Pregnancy, To assist normal birth giving, Puerperant, Newborn, To apply emergency care for obstetric diseases, To apply care for gynaecological emergencies, To evaluate paediatric patients, To apply emergency care on paediatric patients, To evaluate geriatric patients, To apply emergency care on geriatric patients, To apply emergency care on oncology patients

### **PROFESSIONAL PRACTICE I (2 8 10) (ECTS:9)**

Introduction of the Course: Intro, aim and learning objectives, Fluid and electrolyte balance, Fluid and electrolyte balance, Apply Shock Emergency Care 1, Apply Shock Emergency Care 2, Status of suitable position for sick or injured, The patient carrying the wounded Techniques 1, The patient carrying the wounded Techniques 2, Featured in cases of trauma emergency care, Featured in cases of trauma emergency care, Keep the vehicle recognition and ready for use, Apply Ambulance Driving Techniques 1, Apply Ambulance Driving Techniques 2, Apply Ambulance Driving Techniques 3

### **PHARMACOLOGY (2 0 2) (ECTS:3)**

Introduction to Pharmacology, 2. Pharmaceutical Drug Forms, Absorption of drugs, Distribution, The metabolism and excretion of drugs, Drugs Interactions Between Antagonism, Interactions Between

Drugs synergism, Mechanisms of Drug, Autonomic Nervous System Drugs (cholinergic drugs), Anticholinergic Drugs, The Autonomic Nervous System Drugs (sympathomimetic drugs), Sympatholytic Drugs, Drugs Affecting the Central Nervous System, Drugs Affecting the Cardiac and Cardiovascular System 1, Drugs Affecting the Cardiac and Cardiovascular System 1

### **RESUSCITATION AND TRAUMA (4 0 4) (ECTS:6)**

Course Introduction: Introduction, objectives and learning objectives, Basic life support, airway opening techniques, intubation, ventilation Provide support, The tools used in oxygen treatment and oxygen treatment, In the adult, child and infant basic life support 1, In the adult, child and infant basic life support 2, Apply Emergency Care external bleeding, Implement Emergency Care Soft Tissue Injuries, Apply Emergency Care Face And Neck Injuries, Implement Emergency Care Spinal Injuries, Apply Emergency Care Abdominal Injuries, Pelvic Injuries Apply Emergency Care, Apply Emergency Care Extremity Injuries, Implement Emergency Care to Specialty Trauma Cases, General evaluation of polytrauma patients

### **OCCUPATIONAL HEALTH AND SAFETY (2 0 2) (ECTS:3)**

Introduction, presentation, sharing of expectations, introduction of resource, The relationship between work and health; overview of the health sector in terms of occupational health; Risk factors, possible health problems, case discussions and a virtual workplace assessment, Overview of the health sector in terms of occupational health; Accidents, occupational diseases, case discussions and a virtual workplace assessment, Basic protection measures; Case discussion, Virtual examples in assessment, workplace trip, Health workers rights, responsibilities and related regulations, Overall assessment and feedback

### **MEDICAL TERMINOLOGY (2 0 2) (ECTS:3)**

Introduction to Medical Terminology, Prefix and Suffix for Roots, Build, Cell, Tissues and Organs, Diagnosis and Treatment, Diseases, Drugs, Heart and Circulatory System, Respiratory System, Blood, Digestive System, Urinary System, Reproductive System, Endocrine System, Senses, Nervous System and Behavioral Disorders, Musculoskeletal System, Leather 1, Symbols and Abbreviations, Epicrisis ICD-12 Medical Report, General

## **FOURTH SEMESTER**

### **Professional Practice II (2 8 10) (ECTS: 12)**

Introduction to the course: introduction, objectives and learning goals, Attract and diagnose ECG rhythm, emergency drugs, practice in adult emergency care protocols rhythm disorders, practices in children's emergency care protocols rhythm disorders, case study

### **Research Methods and Techniques (2 0 2) (ECTS: 2)**

Choosing research topics, welding research, research results of the evaluation, Convert to report the results of research still, Making preparation to presentation, case analysis

### **Accident and Disaster Management (2 0 2) (ECTS: 3)**

Basic concepts related to disaster management, Reducing the risk of accidents and damage, Reducing the risk of disasters and losses, Disaster preparedness in, Incident command system, Forecasting, early warning, Exercises, Community education in accidents and disasters, Intervention in accidents and disasters, Crime scene management, early improvement, improvement Disaster, Disaster communications, potential disaster and accident scenarios

### **Health Registration Systems And Health Management (2 0 2) (ECTS: 2)**

Definition of governance, processes and learning theories, Grasp of the basiz features of the health sector, Stage of planning and organizing the health sector, Understanding the ethical principles that must be followed, Health industry to learn the basic principles to be considered in the process of policy formulation, Information on Health Legislation.

### **Usage of Basic Information Technology (2 0 2) (ECTS: 3)**

Being able to comprehend information technology concepts and set up relationships between them, Being able to comprehend hardware and software components and their functions in the computer system in detail, Being able to arrange and use the basiz properties of an information technology system, Being able to use internet technologies appropriate to his/her field, Being able to use word processing software at a level which is efficient for and appropriate to his/her field, Being able to use electronic tabling software at a level which is efficient for and appropriate to his/her field, Being able to use presentation software at a level which is efficient for and appropriate to his/her field.

### **Body Mechanics and Extreme Sports (1 2 2) (ECTS: 3)**

Common characteristics of muscle, skeletal muscle function, Muscle contraction types, Muscle hypertrophy, muscle atrophy, muscle strength, muscle endurance, the advent of energy occurs in the muscles and usage, respiratory volumes and capacities change in exercise, smoking and losses, oxygen deficit and oxygen debt, Strength Training, Strength Training to use additional weights, sporty rock climbing, and gain practical skills and apply theoretical, nature walks, lectures and gain practical skills and apply.