

# **EMERGENCY AND DISASTER MANAGEMENT PROGRAM**

## **COURSE CONTENTS**

### **1.SEMESTER COURSE PLAN**

#### **ADY115 Disaster And Emergency Legislation (T+P:2+0, Credit:2 ECTS:4)**

Social order rules and legal rules. Classification of source and legal rules. Constitutional principles and fundamental rights and responsibilities. Distinguish between private law and public law, branches, norms, hierarchy. Basic legal regulations on emergency and disaster management. Laws on emergency and disaster management. Regulations on emergency and disaster management. Decree-Laws, Decree of the Council of Ministers and regulations on emergency and disaster management.

#### **ADY117 Firefighting And Fire Safety (T+P:3+0, Credit:3 ECTS:6)**

Definition and causes of fire, Regulation on the protection of buildings from fire, Duty, authority and responsibility, Use classes of buildings, Building hazard classification, General fire safety for buildings, Stability of the building carrier system, partitions, roofs and facades, Fire partitions, Fire walls, Structure to be used in buildings materials, Escape routes, escape stairs and special cases, Issues related to building sections and facilities, Boiler rooms, fuel tanks and stoves, Shelters, parking lots, kitchens and roofs, Elevator, Lightning Rod, Transformer and generator, Electrical installation, Emergency lighting, Fire detection, Warning systems, Periodic tests, Maintenance and inspection, Smoke control, Air conditioning and ventilation installation, Pressurization system, Fire extinguishing systems, Fixed extinguishing systems with foam, gas and dry powder, Storage and use of dangerous substances, Fire safety responsibility, Allowance and instruction.

#### **ADY119 Disaster And Emergency Management I (T+P:2+0, Credit:2 ECTS:5)**

World Disaster Management systems, Turkey Disaster Management system, CBRN, Epidemics in Disasters, Psychology of Disaster Victims, Camp, Triage, Crime Scene Management, Fire and its Types, Fire Response

#### **ATA101 Principles Of Atatürk And History Of Revolutions I (T+P:2+0, Credit:2 ECTS:3)**

Basic Concepts, Reasons for the Collapse of the Ottoman Empire, Turkish Innovation Movements, World War I, National Struggle.

#### **INGU101 English I (T+P:3+0, Credit:3 ECTS:3)**

This course is designed for new learners of English and aims to develop basic language skills. It helps learners acquire listening, reading and writing skills through different teaching techniques and practice studies. Learners learn basic grammar patterns and vocabulary using dialogues and texts used in real-life situations. At the end of this course, learners are prepared to progress from English beginner to intermediate-beginner level.

**MYO101 Basic Anatomy And Physiology (T+P:3+0, Credit:3 ECTS:4)**

Introduction to Anatomy and Physiology, Cell theory, Cell organelles, Substance exchange, Cell metabolism, Locomotor System Anatomy and Bone, Joint and Muscle Physiology, Respiratory System Anatomy and Physiology, Circulatory System Anatomy and Physiology, Digestive System, Urinary System, Genital System, Endocrine System, Nervous System, Sense Organs Anatomy and Physiology.

**TURK101 Turkish Language I (T+P:2+0, Credit:2 ECTS:3)**

Language awareness, reading taste and habit, correct use of basic spelling and punctuation rules, a wider vocabulary.

**ILK101 First Aid (T+P:2+0, Credit:2 ECTS:3)**

General First Aid Information, Human Body, Patient/Injured and Crime Scene Evaluation, Basic Life Support, Respiratory Tract Obstructions, Hemorrhages and Shock, Injuries, Burns, Frostbite, Heat Stroke, Conscious Disorders (Losses of Consciousness, Convulsions, Low Blood Sugar, Chest Pain), Poisoning, Animal Bites, Eye-Ear-Nose Ingestion, Choking, Fractures, Dislocations, Sprains, Transport Techniques.

**RKUL101 University Culture I (T+U:0+2, Kredi:1 AKTS:1)**

Each semester includes seminars, conferences, panels, workshops and talks to be held for 14 weeks within the framework of a program consisting of suggestions from academic units, student council and student clubs at the university.

## **2.SEMESTER COURSE PLAN**

**ADY110 Disaster And Emergency Management II (T+P:2+0, Credit:2 ECTS:5)**

Search and Rescue, building safety, earthquake occurrence, debris safety, disaster styles, building styles, volunteer training, equipment and video surveillance.

**ADY120 Emergency Assistance And Recovery Studies (T+P:2+0, Credit:2 ECTS:5)**

Overview of Disasters and Disasters in Our Country, Basic Principles of Protection in Disasters, Triage, CBRN, Teamwork, Biological Accidents or Attacks in Disasters, Chemical Accidents or Attacks in Disasters, Nuclear Accidents or Attacks in Disasters, Water Extraction and Rescue Techniques, Fire Prevention, personnel safety, gaining responsibility, personal rescue techniques at sea, rope training.

**ATA102 Principles Of Atatürk And History Of Revolutions II (T+P:2+0, Credit:2 ECTS:3)**

Events, ideas and principles in the birth and development process of modern Turkey; Ataturk Era Turkish Foreign Policy, Ataturk's Revolutions, Ataturk's Principles.

**INGU102 English II (T+P:3+0, Credit:3 ECTS:3)**

This course is designed for new learners of English and aims to develop basic language skills. It helps learners acquire listening, reading and writing skills through different teaching

techniques and practice studies. Learners learn basic grammar patterns and vocabulary using dialogues and texts used in real-life situations. At the end of this course, learners are prepared to progress from English beginner to intermediate-beginner level.

**TURK102 Turkish Language II (T+P:2+0, Credit:2 ECTS:3)**

Language awareness, reading taste and habit, correct use of basic spelling and punctuation rules, a wider vocabulary.

**ADY112 Disaster And Emergency Psychology (T+P:2+0, Credit:2 ECTS:5)**

Definition of disaster and trauma, diseases and grief related to traumatic event, theories of mental trauma, traumatization by age groups, psychological help to trauma workers, psychological first aid to traumatic stress, crisis intervention roadmap, disaster and sexual abuse protocols.

**RKUL102 University Culture II (T+P:0+2, Credit:1 ECTS:1)**

Each semester includes seminars, conferences, panels, workshops and talks to be held for 14 weeks within the framework of a program consisting of suggestions from academic units, student council and student clubs at the university.

**RPSI209 Positive Psychology And Communication Skills (T+P:2+0, Credit:2 ECTS:3)**

To help students learn about positive psychology and its applications, and also develop their own positive perspective by providing their own awareness.

### **3.SEMESTER COURSE PLAN**

**ADY217 Emergency And Disaster Management Practices (T+P:2+2, Credit:3 ECTS:8)**

Competencies related to knowledge, skills, comprehension, application, analysis, synthesis, creativity and evaluation related to the program.

**ILK209 Physical Education And Body Building I (T+P:0+2, Credit:1 ECTS:3)**

The concept of training, the main purpose and main tasks of training, the effect of training on the organism and its changes, the relationship between load and rest in training, the criteria of loading, aerobic training and flexibility exercises, aerobic training and flexibility exercises, isometric working principles abdominal exercises (individual), eccentric -concentric working principles, body-holding theory, reverse body-holding theory, dynamic (isotonic) working principles, concentric work theory, eccentric work theory, strength work theory with various tools.

**ADY219 Civil Defense Information (T+P:2+0, Credit:2 ECTS:7)**

Information on civil defense.

**ADY221      Epidemic Diseases (T+P:2+0, Credit:2 ECTS:6)**

To raise individuals who know how to fight epidemics and what protective measures to take in the pre-disaster and post-disaster period.

**OSG111      Occupational Health And Safety (T+P:2+0, Credit:2 ECTS:3)**

Introducing the concepts within the scope of Law No. 6331.

**MET101      Professional Ethics (T+P:2+0, Credit:2 ECTS:2)**

Professional ethics course tells the basic concepts, moral rules and value system about the concept of ethics. It defines the virtues, values and ethical codes that the healthcare worker should have.

#### **4.SEMESTER COURSE PLAN**

**ADY200      Technological Disasters And Environmental Problems (T+P:2+0, Credit:2 ECTS:6)**

Examination of the disasters that occurred in the world and the environmental problems caused by these disasters.

**ADY214      Emergency And Disaster Planning (T+P:2+0, Credit:2 ECTS:6)**

Search and Rescue, building safety, earthquake occurrence, debris safety, disaster styles, building styles, volunteer training, equipment and video surveillance.

**ADY999      Summer Internship (T+P:0+0, Credit:0 ECTS:9)**

Area information.

**ILK210      Physical Education And Body Building II (T+P:0+2, Credit:1 ECTS:3)**

The concept of training, the main purpose and main tasks of training, the effect of training on the organism and its changes, the relationship between load and rest in training, the criteria of loading, aerobic training and flexibility exercises, aerobic training and flexibility exercises, isometric working principles, abdominal exercises (individual), eccentric -concentric working principles, body grip theory, reverse body grip theory, dynamic (isotonic) working principles, concentric work theory, eccentric work theory, strength work theory with various tools.

**ADY210      Chemical Biological Radioactive Nuclear Dangers In Disasters (T+P:0+2, Credit:2 ECTS:7)**

Learning the methods of protection, transportation and storage against CBRN” chemical-biological-radioactive-nuclear hazards. Increasing their mobility, knowledge and skills in any dangerous situation related to the aforementioned issues.