

EMERGENCY AND DISASTER MANAGEMENT PROGRAM

2024- 2025 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

ATA103 Principles Of Atatürk And History Of Revolutions I (T+P:2+0, Credit:2 ECTS:2)

Basic concepts, definitions, description of course methods and resources, Industrial Revolution and French Revolution, The Disintegration of the Ottoman Empire (XIX. Century), Tanzimat and Reform Edict, I. and II. Constitutional Monarchy, World War I, Tripoli and Balkan Wars, Armistice Treaty of Mudros, Wilson Principles, Paris Conference, M. Kemal's departure to Samsun and the situation in Anatolia, Amasya Circular, National Congresses, Opening of the Parliamentary Assembly, Establishment of the Turkish Grand National Assembly and Internal Rebellions, Law on Organisation, Establishment of the Regular Army, I. II. İnönü, Kütahya-Eskişehir and Sakarya Battles and the Great Offensive, Treaties during the War of Independence, Lausanne Peace Treaty, Abolition of the Sultanate

INGU103 English I (T+P:2+0, Credit:2 ECTS:2)

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.

TURK103 Turkish Language I (T+P:2+0, Credit:2 ECTS:2)

Oral presentation studies, What is language; world languages, the place and historical development of Turkish among them, Problems of Turkish today with current texts, Spelling of 'de', 'ki' and 'mi' with current texts, Problems related to the spelling of Turkish words (compound) with compiled texts, Text analysis: Analysing an article with scientific content, Applications related to spelling rules and punctuation marks, Text analysis: Analysis of a column, Expression disorders, language mistakes and applications, Turkish as the language of science with sample texts, Oral presentation studies.

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.

RKUL103 University Culture I (T+U:0+2, Kredi:1 AKTS:4)

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. Risk Assessment - Risk Reduction, Incident Command System, Preparedness, Planning, Evacuation and Rescue, Drills and Exercises, Disaster Awareness Education in Schools

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.

ATA104 Principles Of Atatürk And History Of Revolutions II (T+P:2+0, Credit:2 ECTS:2)

Lausanne Peace Treaty and its Evaluation, Revolutions in the Political Field, Proclamation of the Republic and Abolition of the Caliphate, Attempts to Transition to Multi-Party Political Life, Revolutions in the Field of Law, Revolutions in the Social Field, Revolutions in the Field of Education and Economy, Turkish Foreign Policy between 1923-1938, Turkish Foreign Policy between 1938-1950, Democrat Party Government and Adnan Menderes Period (1950 - 1960), 1960 Government Coup and Political Developments Afterwards, 1980-2002 Period Domestic Politics of Turkey, Basic Principles of Turkish Revolution (Atatürk's Principles and Complementary Principles), Atatürk's Revolutions, Rationalism and Scientific Thought; Republicanism and Populism, Nationalism and Statism; Secularism and Revolutionism.

INGU104 English II (T+P:2+0, Credit:2 ECTS:2)

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.

TURK104 Turkish Language II (T+P:2+0, Credit:2 ECTS:2)

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.

RKUL104 University Culture II (T+P:0+2, Credit:1 ECTS:4)

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. Disaster and emergency concepts, precautions and preparatory work in earthquakes, intervention work, triage in disasters, fire and fire fighting

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. Shelters, Shelter Instructions, Preparation of Civil Defense Plans, Protection Measures, Mobilization Activities, Awareness Raising Trainings and Presentation Techniques, Hospital Disaster and Emergency Plan Table-top Exercise Preparations, Disaster Management, Natural Disasters and Risk Analysis in Natural Disasters, Natural Disasters and Risk Analysis in Natural Disasters,

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. Disaster and Infection, Infectious Disease Concept, General Characteristics of Infectious Agents, Airborne Diseases, Tuberculosis, food poisoning, cholera, Digestive Diseases, Digestive Diseases, Diseases Transmitted by Blood, Diseases Transmitted by Skin and Mucous Diseases, Diseases Transmitted by Vectors, Immunization, Minimizing Possible Disabilities and Deaths in Disasters, Taking Precautions Against Epidemics Before, During and After Disasters.

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

Introducing the concepts within the scope of Law No. 6331. Definition and History of Occupational Safety, Importance and Purpose, Occupational Safety and Total Work Area and Scope, Occupational Accidents and Occupational Diseases, General Accident Definition-Accident Types, Occupational Disease, Measurement of Accidents, Using Accident Frequency and Weight Ratios, Basic Causes of Accident (Accident Chain), Economic Aspects of Occupational Safety (Material Losses), The Effect of Occupational Safety on Production and Productivity, Entering into Danger and Danger, Accident Protection Technique, Protection Efficiency Rate, Work Accident Investigation, Notification of Work Accidents and Responsibility.

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. Water Problems, Infectious Diseases, Biodiversity Destruction and Ecological Problems, Agricultural Problems, Food Scarcity and Policies, Genetic Adaptations and Problems, Accidents, Fires and Their Effects, Military Disasters: Wars, Weapons of Mass Destruction, Terrorism, Fossil Fuels, Chemicals and Nuclear Waste, Mining, Energy and Environmental Issues.

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. Disasters and Definitions, Definition of Emergency and Preparation of Plans, Emergency Response Team Duties and Responsibilities, Emergency Action Plan Organization, Incident Command System, Fire Intervention, Chemical, Biological, Radiological and Nuclear Hazards, Risk Assessment Study

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.