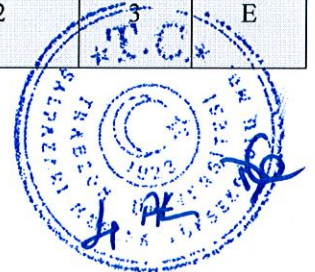


T.C
TRABZON UNIVERSITY
Şalpazarı Vocational School
Property Protection And Security Department / Emergency And Disaster Management Program
Course Contents For 2022-2023 Educational Year And After

I. TERM						
CODE	COURSE NAME	T	U	C	ECTS	C/E
AITB1001	Ataturk's Principles and Revolution History-I	2	0	2	2	C
TDB1001	Turkish Language-I	2	0	2	2	C
YDB 1001	Foreign Language-I	2	0	2	2	C
KAR1001	Career Planning	1	0	0	0	C
ADAY1001	Basic Disaster Information	3	0	3	4	C
ADAY1003	Disaster and Emergency Management-I	3	0	3	3	C
ADAY1005	First Aid	2	1	2,5	3	C
ADAY1007	Basic Anatomy and Physiology	2	2	3	3	C
ADAY1009	Tool and Material Information	2	2	3	5	C
ADAY1011	Physical Education and Bodybuilding	1	2	2	3	C
ADAY1013	Occupational Health and Safety	2	0	2	3	C
	SUM	22	7	24.5	30	
II. TERM						
CODE	COURSE NAME	T	U	C	ECTS	C/E
AITB1000	Ataturk's Principles and Revolution History-II	2	0	2	2	C
TDB1000	Turkish Language-II	2	0	2	2	C
YDB 1002	Foreign Language-II	2	0	2	2	C
ADAY1000	Disaster and Emergency Management-II	3	0	3	3	C
ADAY1002	Firefighting and Fire Safety	3	0	3	3	C
ADAY1004	Disaster and Emergency Legislation	2	0	2	3	C
ADAY1006	Crime Scene Management	3	0	3	3	C
	Optional Course-I	2	0	2	3	E
	Optional Course-II	2	0	2	3	E
	Optional Course-III	2	0	2	3	E
	Optional Course-IV	2	0	2	3	E
	SUM	25	0	25	30	
II. TERM OPTIONAL COURSES						
CODE	COURSE NAME	T	U	C	ECTS	C/E
ADAY1100	Professional Ethics	2	0	2	3	E
ADAY1102	Forest Fires	2	0	2	3	E
ADAY1104	Disaster Medical	2	0	2	3	E
ADAY1106	Civil Defense and Protection Information	2	0	2	3	E
ADAY1108	Basic Rules of Life in Nature	2	0	2	3	E
ADAY1110	Earthquake and Building Safety	2	0	2	3	E
ADAY1112	Teamwork and Leadership	2	0	2	3	E
ADAY1114	Information and Communication Technologies	2	0	2	3	E



III. TERM

CODE	COURSE NAME	T	U	C	ECTS	C/E
ADAY2001	Search and Rescue Techniques-I	2	2	3	3	C
ADAY2003	Disaster Scenario and Exercises-I	2	2	3	3	C
ADAY2005	Fire Fighting Techniques	2	2	3	4	C
ADAY2007	CBRN	3	0	3	3	C
ADAY2009	Practicum	0	2	1	5	C
	Optional Course-I	2	0	2	3	E
	Optional Course-II	2	0	2	3	E
	Optional Course-III	2	0	2	3	E
	Optional Course-IV	2	0	2	3	E
	SUM	17	8	21	30	

III. TERM OPTIONAL COURSES

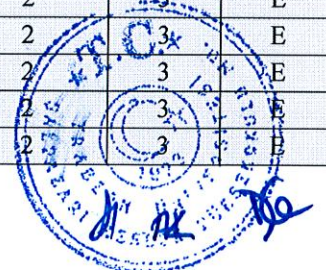
CODE	COURSE NAME	T	U	C	ECTS	C/E
ADAY2101	Research Methods and Techniques	2	0	2	3	E
ADAY2103	Disaster Education and Culture	2	0	2	3	E
ADAY2105	Entrepreneurship	2	0	2	3	E
ADAY2107	Disaster Sociology	2	0	2	3	E
ADAY2109	Management and Organization	2	0	2	3	E
ADAY2111	Food Safety	2	0	2	3	E
ADAY2113	Disaster and Emergency Psychology	2	0	2	3	E
ADAY2115	Hazardous and Chemical Substances	2	0	2	3	E
ADAY2117	Disaster and Emergency Logistics	2	0	2	3	E

IV. TERM

CODE	COURSE NAME	T	U	C	ECTS	C/E
ADAY2000	Search and Rescue Techniques-II	2	2	3	3	C
ADAY2002	Disaster Scenario and Exercises-II	2	2	3	3	C
ADAY2004	Risk and Crisis Management in Disasters	3	0	3	4	C
ADAY2006	Criminology	2	0	2	3	C
ADAY2008	Field Practicum	1	4	3	5	C
	Optional Course-I	2	0	2	3	E
	Optional Course-II	2	0	2	3	E
	Optional Course-III	2	0	2	3	E
	Optional Course-IV	2	0	2	3	E
	SUM	18	8	22	30	

IV. TERM OPTIONAL COURSES

CODE	COURSE NAME	T	U	C	ECTS	C/E
ADAY2100	Epidemics in Disasters	2	0	2	3	E
ADAY2102	Turkey's Disaster	2	0	2	3	E
ADAY2104	Global Disaster Management Organization and Practices	2	0	2	3	E
ADAY2106	Disaster Management for Individuals with Special Needs	2	0	2	3	E
ADAY2108	Volunteering Studies	1	0	0	0	E
ADAY2110	Communication in Disasters	2	0	2	3	E
ADAY2112	Immigration and Migration Issues	2	0	2	3	E
ADAY2114	Fighting Addiction and Addiction	2	0	2	3	E
ADAY2116	Technological Literacy	2	0	2	3	E
ADAY2118	Environmental Health in Disasters	2	0	2	3	E



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Course Contents For 2022-2023 Educational Year And After

I. TERM

ATATURK'S PRINCIPLES AND REVOLUTION HISTORY-I

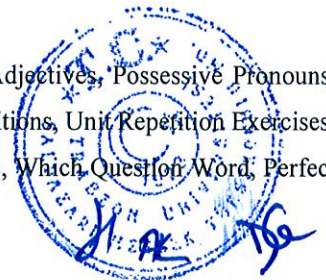
Concepts of Revolution and Revolution, State and Its Elements, Evolvment, Reform, Coup, Revolution, Revolution ..., the reasons that prepared the Turkish Revolution, the collapse of the Ottoman Empire, internal reasons, external reasons, threats faced by the Ottoman Empire due to its geopolitical situation. Innovation movements in the Ottoman Empire, Reforms before the Tanzimat, Tanzimat Edict, Reform Edict, I. Constitutional Monarchy, II. Constitutional Monarchy, the currents of the Ottoman Empire (Ottomanism, Islamism, Westernism, Turkism) The coming to power of the Union and Progress Party, the 31 March event, the Tripoli War, the Balkan Wars, the causes of the First World War and the start of the War, the Ottoman Empire's participation in the War and the Fronts Fought, Fronts and Their Results, Treaty of Sharing the Ottoman State (Bogazlar Ant, London Ant, Sykes Picot Ant, St. Jean de Maurienne Ant.) End of World War I, Armenian events, Armistice of Mudros, National Struggle period, Occupations The situation of the nation and the country in the face of the society and its activities, Mustafa Kemal Pasha's arrival in Istanbul and his view of the situation, Mustafa Kemal Pasha's departure to Samsun, Mustafa Kemal Pasha's Activities in Havza, Amasya Circular, Erzurum Congress and its importance, Balıkesir and Alaşehir Congresses, Sivas Congress and importance, other congresses during the National Struggle, Amasya Meetings, the meeting with the commanders in Sivas, the Representative Committee arrival in Ankara. Meeting of the last Ottoman Chamber of Deputies, opening of the National Pact, its characteristics. Press in the National Struggle Uprisings against the Turkish Grand National Assembly, the plans to share Turkey

TURKISH LANGUAGE - I

Language (Language-Nation Relationship / Language-Culture Relationship), Languages on Earth, Language Families in Terms of Resources. Language Groups in Terms of Structure., Historical Periods of Turkish Language. Historical Development of Turkish Written Language, Old Turkish- Middle Turkish- New Turkish- Modern Turkish, Current Situation of Turkish Language and Its Spread Areas, Audio Information, Audio Information. Shape Information - Roots Suffixes (Constructive and Conjugation Suffixes), Words in Terms of Meaning and Functions, Semantics- Meaning in Word- Relations Between Words, Sentence Knowledge - Properties of Word Groups, Types of Word Groups, Elements of Sentence, Sentence Types and Sentence Analysis

FOREIGN LANGUAGE-I

Tenses: Present Tense, Indicators, Nouns, Quantitative Adjectives, Pronouns, Possessive Adjectives, Possessive Pronouns, Possessive Structure, Adjectives, Adverbs, Comparison, Past Tense, Past Continuous, Prepositions, Unit Repetition Exercises, Relative Clauses, Relative Pronouns, Relative Phrases, Relative Phrases, Reflexive Pronouns, Which Question Word, Perfect Tense, Recent Tense, Perfect Tense, Past Perfect Tense, Past Habits Expression



CAREER PLANNING

Career journey has started, first stop: Career center, Intelligence and Personality, Personal characteristics, Key to making a difference in career path: Skills, What is a Career?, How Do I Prepare for My Career?, Non-Governmental Organizations – National, Non-Governmental Organizations – International, Sector Days - Public Sector, Sector Days - Private Sector, Industry Days- Academy, Sector Days- Entrepreneurship, Writing a Resume, Course Evaluation

BASIC DISASTER INFORMATION

Disaster definition, Basic Principles of Protection in Disasters, Emergency care applications in disasters, First 72 Golden Hours in Disaster, Disaster awareness, Disaster emergency plan, Disaster Management Stages, Disaster behavior patterns, Technological disasters, Technological disasters, Risk and harm reduction, Disaster preparedness and response, Disaster recovery, Protection from natural disasters

DISASTER AND EMERGENCY MANAGEMENT-I

Login, Historical development, Basic concepts, Disaster Types, Hazard Assessment, Risk assessment, Important disasters in the world and in Turkey, Disaster management systems in some countries, Integrated Disaster Management, Loss and mitigation phase, Preparation phase, early warning system, Response phase, impact analysis and management, Recovery and restructuring phase, Triage in disasters

FIRST AID

First aid regulation, Body basics, General first aid information, Evaluation of patient-injured and crime scene, Basic life support, First aid for bleeding and shock, First aid for injuries, First aid for fractures, dislocations and sprains, First aid for burns, frostbite and heat stroke, First aid in poisoning, First aid for animal bites, First aid in case of foreign body getting into the eyes, ears and nose, First aid for choking and unconsciousness, Techniques for transporting the sick and wounded

BASIC ANATOMY AND PHYSIOLOGY

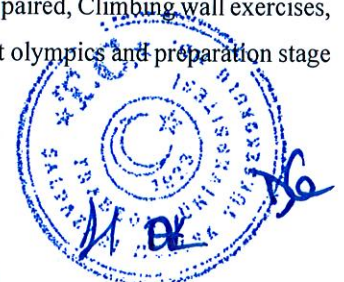
Introduction to Anatomy and Physiology, Cell theory, Cell organelles, Substance exchange ,Cell metabolism, Locomotor System Anatomy and Bone, Joint and Muscle Physiology, Respiratory System Anatomy and Physiology, Digestive system, Urinary System, Genital System, Endocrine System, Nervous System and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

TOOL AND MATERIAL INFORMATION

Importance and classification of equipment use in emergency and disaster management, Features and principles of use of emergency and disaster management personal protective clothing, Properties and classification of fire extinguishing agents, Equipment and features used in firefighting, Importance, features and types of fresh air respirators and masks, CBRN tool and equipment, Features of recovery tools, Types and installation of airbags, Features and types of hydraulic separators, cutters and cylinders, hammers and drills, Features and types of jacks and ladders, Generators, jump pads and bolsters, Importance and types of lighting equipment, Seismic acoustic listening devices and video calling devices, Other materials used in rescue operations

PHYSICAL EDUCATION AND BODYBUILDING

General information about the sports of search and rescue personnel, Body preparation conditions, Coordination track, Basic postures, Firefighting gymnastics basic movements, Firefighting gymnastics basic movements paired, Climbing wall exercises, Climbing wall exercises, Rope climbing, Rope climbing, Emergency and disaster management olympics and preparation stage explanation, Feedback



OCCUPATIONAL HEALTH AND SAFETY

Occupational Health and Safety Definition and Historical Development, Occupational Health and Safety Legislation, Occupational Health and Safety Risk Factors, Occupational Health and Safety Risk Factors, Protection from Occupational Health and Safety Risks, Protection from Occupational Health and Safety Risks, Personal Protective Equipment (PPE), Occupational Diseases, Occupational Diseases, Precautions to be Taken Against Accidents, Injuries and Fires That May Occur in the Workplace, Precautions to be Taken Against Accidents, Injuries and Fires That May Occur in the Workplace, Accidents at work, Occupational Health and Safety in AFAD Institutions, Occupational Health and Safety in AFAD Institutions

II. TERM

ATATURK'S PRINCIPLES AND REVOLUTION HISTORY-II

Establishment of the National Army (Kuvay-ı Milliye, Regular Army), South and South East Front, East Front (GNAT-Soviet Russia Relations, Armenian Question Wars with Armenians, GNAT-Georgia Relations, Western Front (I. and II. İnönü Wars) , Kütahya – Eskişehir Battle) Sakarya Pitched Battle, Great Offensive, Social, financial and weapon resources of the National Struggle Mudanya Armistice Agreement, Abolition of Sultanate, Lausanne Conference, Lausanne Peace, II. Opening of the Turkish Grand National Assembly, Turkish Revolution Movements (Political Revolutions), The First Political Parties of the Republican Era, Izmir Assassination, Menemen Incident, Legal Revolution Education and Cultural Revolution (Education in the Republican Period), Alphabet Revolution, Studies in the field of History, Language and Fine Arts. Revolutions, Regulations in the Economic Field. Studies on Creating a National Economy, Foreign Policy of the Republic of Turkey in the Atatürk Era, Foreign Policy Events in the Period of 1923-1932, Foreign Policy Events in the Period of 1932-1939. The Importance of Atatürk's Foreign Policy, World War II and Turkey. II. Consequences of World War II for Turkey, Atatürk's Principles (Republicanism, Nationalism, Populism, Secularism), Atatürk's Principles (Statism, Revolutionism) Atatürk's Integrative Principles

TURKISH LANGUAGE-II

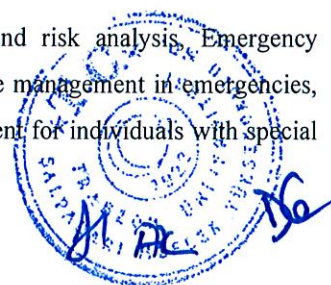
Punctuation marks (Period, comma, semicolon, colon, exclamation point ...), Punctuation marks (Quotation marks, brackets ...), Spelling Rules (Capital letters, numbers, compound words), Spelling Rules (Idioms) , Spelling of reduplications, borrowed words and foreign proper names), Spelling Rules (Writing of abbreviations and some suffixes), Composition (Definition, purpose, methods of being successful in composition), Methods in writing composition (creating auxiliary and main idea, planning), In composition writing Methods (Creating paragraphs, methods of developing thought in paragraphs), Expression characteristics, Expression disorders, Expression styles (collection of homework), Expression types (Oral expression), Expression types (Written expression-story, novel, theater, poetry ...), Lecture types (Written expression-letter, petition ...)

FOREIGN LANGUAGE-II

Past Tense, Recent Tense, Adjectives and Adverbs,1, Adjectives and Adverbs 2, Passive Sentences 1, Passive Sentences 2, Conditional Sentences 1, Conditional Sentences 2, Relative Clauses 1, Relative Clauses 2, Noun Clauses, Indirect Expression Sentences, Verbs and Using Verbs in Infinitive Form

DISASTER AND EMERGENCY MANAGEMENT-II

Emergency, Emergency Management, Disaster and emergency types, Hazard hunting and risk analysis, Emergency management legislation in Turkey, Emergency action plan, Emergency action plan, On-scene management in emergencies, Emergency communication, Evacuation plan, Field and desk practice, Emergency management for individuals with special needs, Emergency psychology, General Repetition



FIREFIGHTING AND FIRE SAFETY

Firefighter history, Past and present situation of the fire department, The situation of the fire department in the countries of the World, Fire security, Protection and prevention in fire safety, Extinguishing in fire safety, Fire brigade organizations, General Repetition, Fire brigade organizations, Fire brigade organizations, Duties of firefighter and firefighter, Introduction of workspaces, Examination of laws and regulations, Examination of laws and regulations

DISASTER AND EMERGENCY LEGISLATION

Law No. 5902 on the organization and duties of the Disaster and Emergency Management Presidency, Law No. 5902 on the organization and duties of the Disaster and Emergency Management Presidency, Disaster and emergency response services regulation, Disaster and emergency response services regulation, Regulation on the procedures and principles of disaster and emergency management department research, survey and project execution, Regulation on the procedures and principles of disaster and emergency management department research, survey and project execution, Turkish search and rescue regulation, Turkish search and rescue regulation, Law No. 7269 on aid to be made through measures to be taken due to disasters affecting public life, Law No. 7269 on aid to be made through measures to be taken due to disasters affecting public life, State of Emergency Law No. 2935, Law No. 4123 on the execution of services related to damage and destruction caused by natural disasters, Law No. 4123 on the execution of services related to damage and destruction caused by natural disasters, Regulation on the administrative status of Civil Defense experts

CRIME SCENE MANAGEMENT

Introduction and Course Description, The purpose of the Incident Scene Management System, Basic principles of Incident Scene Management System, Crime scene manager and management personnel, Planning unit, Operating unit, Logistics and finance unit, Ensuring crime scene security, Search and rescue, Creation of the management area, Triage in Mass Incidents, Classification of the injured in triage practice, Classification of the injured in triage practice, Triage application procedure

III. TERM

SEARCH AND RESCUE TECHNIQUES-I

Search and rescue concepts, importance, team and tasks, Search and rescue in confined and smoky environments, Search and rescue in confined and smoky environments, Rescue in stuck in elevator incidents, Causes of traffic accidents, vehicle components and classification, Intervention in traffic accidents, crime scene safety studies, Intervention in traffic accidents, rescue of victims, Equipment used in traffic accidents, Search and rescue building structures and building collapses in urban area, Urban search and rescue team and their duties, crime scene management, Search and rescue equipment and specifications in the urban area, Urban search and rescue victim search and rescue methods, Avalanche information, avalanche classification, avalanche initiating causes, Avalanche search and rescue methods

DISASTER SCENARIO AND EXERCISES-I

Types of Emergency and Disaster Scenarios, Emergency Scenario, Disaster Scenario, Hazard and Risk Assessment, Disaster and Emergency Management and Organization, Earthquake Scenarios, Earthquake Scenarios, General Repetition, Types of Disaster and Emergency Drills, Disaster and Emergency Drills Planning, Issues to be Considered for the Success of the Exercise, Exercise Monitoring and Evaluation, Exercise reporting, Content of the Exercise Result Report

FIRE FIGHTING TECHNIQUES

Extinguishing methods; by cooling, suffocating, removing fuel, blocking, Extinguishing agents (water, foam, co2, dry-chemical powders, alternative gas extinguishers, Dispatch organization and communication; notification, crime scene communication, information gathering, Forms of intervention; prepared response, impromptu response, rapid response, Forms of intervention; side-by-side intervention, consecutive intervention, independent intervention, Intervention forms (establishing a team of 9



people and duties of team personnel), Intervention forms (establishing a team of 5-7 people and the duties of the team personnel), Modes of intervention (internal interventions and modes of progression in the confined space), Hazards at the fire place, Rescue operations from fire area, evacuation, Special fire response techniques, Viewing the work done at the fire site, Inspection of the fire scene, recovery and delivery of the scene, Filling out fire scene information forms

CBRN

History of chemical events, classification of chemical agents according to their physical state and volatility properties, Classification of chemical agents according to their toxicological properties, protection from chemical events, Biological threats, transmission routes of biological agents, history of biological events, biological agent properties, Classification of biological agents, protection from biological events, History of radiological events, types of radiation, effects of radiation on human health and protection, Introduction to nuclear threats, history of nuclear events, immediate effects of nuclear weapons, Residual effects of nuclear weapons, protection from nuclear threats, Suspicious mail and packages, Warning and alarm, bunkers, CBRN personal protective equipment and standards, Detection and diagnostic Technologies, CBRN crime scene management, Decontamination

PRACTICUM

Vocational practice

IV. TERM

SEARCH AND RESCUE TECHNIQUES-II

Importance of search and rescue in rural area, Personal protective equipment, Ropes, Nodes, Various equipment and features, Various equipment and features, High landing methods, Climbing methods, Search and rescue methods in wells, Stretcher attachment and transport methods, Casualty download methods, Principles of surface search and rescue, Surface search and rescue methods, Surface search and rescue equipment and technical specifications

DISASTER SCENARIO AND EXERCISES-II

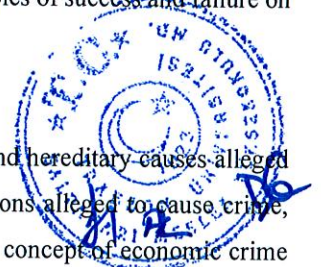
Practice Application Examples, Practice Application Examples, Practice Application Examples, National Exercise Practices, National Exercise Practices, International Practice Practices, International Practice Practices, General Repetition, Provincial scale disaster scenarios applications, Provincial scale disaster scenarios applications, Provincial scale disaster scenarios applications, Provincial scale disaster scenarios applications, General Repetition

RISK AND CRISIS MANAGEMENT IN DISASTERS

Basic definitions and concepts on Risk and Disaster, Basic definitions and concepts on crisis and emergency management, Natural Disasters (atmospheric, geological, hydrogeological and seismic), Disasters caused by humans (technological disasters, dam failures, traffic accidents, hazardous material explosions, nuclear accidents, malicious attacks), Risk assessment, Risk management and sustainability, Analyzing and modeling the effects of crisis and disaster, Organizasyonlar ve toplulmda Acil durum eylem modelleri, The four phases of Emergency Management: preparation, The four phases of Emergency Management: mitigation, The four phases of Emergency Management: response, The four phases of Emergency Management: healing, healing, Real examples of success and failure on risk and crisis management, Real examples of success and failure on risk and crisis management

CRIMINOLOGY

Introduction to the science of criminology-history, Research methods in criminology, Physical and hereditary causes alleged to cause crime, Psychological and psychiatric reasons alleged to cause crime, Sociological reasons alleged to cause crime, Crimes and Perpetrators, Criminological evaluations on juvenile delinquency, An overview, The concept of economic crime



and its criminological evaluation, Feminine delinquency and its criminological evaluation, Criminological evaluations of serial killers, Criminological evaluations on sexual crimes, Crime prevention, General Repetition

FIELD PRACTICUM

Introducing Search and Rescue Equipment, Stretcher binding and transport, Learning to use Ropes, Knots and Landing equipment, Casualty download methods, Climbing methods, recovery from the well, Use of dangerous goods identification guide, Donning and removing CBRN personal protective equipment, Examination of CBRN decontamination units, Tent setup, Hazard hunting and risk analysis in habitats, Fire evacuation drill, Earthquake drill, Examination of various living spaces according to the regulation on fire protection of buildings, Examination of various living spaces according to the regulation on fire protection of buildings

OPTIONAL COURSES-I

PROFESSIONAL ETHICS

Ethics concept, Ethics, morality concept, moral theories, moral decision making, Civil defense history and ethics, Firefighting history and ethics, Professional ethics, Rights of victims, Rights of personnel in civil defense and fire department, Consequences of professional corruption and unethical behavior, Social responsibility concept, Disaster management and ethics, "Pre-disaster and ethical", Ethics during disaster, Ethics after disaster, Case discussions in the field of civil defense and firefighting, Case discussions in the field of civil defense and firefighting

FOREST FIRES

Definitions and concepts, forest fire statistics, Activities of the General Directorate of Forestry and fire meteorology stations, Classification of forest fires, the main problems of fire hazard ratios, Sources using fire hazard indexes, Course and propagation patterns of forest fires, regulation of combustible material in eliminating large forest fires, Fire protection principles and methods, Combating forest fires and the importance of protective equipment, Repetition of the subject before the midterm exam, Forest fires and fire seasons in our country, The main principles and methods of management in extinguishing large forest fires, Factors affecting the selection of fire fighting hand tools and ways to reduce energy consumption, Shipment of living and non-living things rescued after fire, Legal obligations in responding to forest fires, General repetition of topics

DISASTER MEDICAL

" Concepts related to Disaster and Disaster Medicine", Triage in mass incidents - Pre-hospital emergency health services in disasters, Crime scene organizations in mass traumas - Emergency management in emergency services and hospitals, Organization of intensive care services in disasters - Toxicology and Disasters - Basic principles in the management of CBRN incidents and decontamination, Health services in biological disasters - Effects of disasters on community and mental health, Identification of disaster victims - Ethics in health management in disasters, International dimension of disaster medicine, General Repetition, Organization of nutrition services in disasters, Child and adolescent health services in disasters, Organization of nursing services in disasters - Disasters and social work, Management of biochemistry laboratory services in disasters, Translation services in disasters - The role of TSK in disasters and civil-military cooperation, General Repetition

CIVIL DEFENSE AND PROTECTION INFORMATION

Definition and historical development of civil defense, Civil defense legislation, Mobilization activities, Evacuation and thinning, Sensitive areas and stages, Civil defense services – headquarters service – rescue service – first aid service – social aid service, Civil defense services – security traffic service – fire service – hospitals service – technical repair service, Preparing a civil defense plan, Preparing a civil defense plan, Protection from CBRN threats Protection from CBRN threats, Warning alarms and bunkers, Fire protection, Training and practice



BASIC RULES OF LIFE IN NATURE

Survival supplies, How to make a fire, campfire, types of tinder and its preparation, Fishing and methods, fish types, baits and cooking, Shelter making and shelter types, Edible seeds and fruits, poisonous plants, Desert types travel in the desert and appropriate clothing, Life in life raft, Edible invertebrates, poisonous invertebrates, First aid for injuries, Establishment of a safe campsite, Grass adobe house, log hut, tent setup, Disruption of the campsite, Water in nature; sources, purification, where to look for, diseases, Search and rescue signs; aircraft management, morse code, use of markers, How to cross the stream, how to build a bridge, how to make a raft

EARTHQUAKE AND BUILDING SAFETY

Earthquake definition and basic concepts, Determination of earthquake magnitude, earthquake intensity and focal point, Seismicity of our country, Major earthquakes in the World, Classification of structures, Earthquake safety in buildings, Earthquake safety in buildings, Earthquake resistant designs, Earthquake resistant designs, Earthquake safety, Earthquake first response and first aid, Earthquake first response and first aid, Legal regulations, Legal regulations

TEAMWORK AND LEADERSHIP

Course introduction and literature introduction, Concepts and definitions about leader and leadership, Essential characteristics and principles for leadership, Formation of leadership, leadership theories, Leadership and teamwork, Group communication structure, Leadership functions, Major leadership concepts, Leadership models, Leadership practices in terms of management, Leadership in their activities, teamwork, group management, Leaders' responsibilities, Current problems of leadership in sports events and solutions, End-of-year course achievements (FeedBack)

INFORMATION AND COMMUNICATION TECHNOLOGIES

Introducing the basic concepts of Information Technologies, basic hardware and software components in a computer system, purposes of the operating system, Using the operating system and performing its settings at a basic level, Internet technology and concepts, Giving basic information about the introduction and use of a word processing program, Word processor toolbars and commands, Word processor toolbars and commands, Word processor toolbars and commands, Lesson Repetition, Introduction and use of a spreadsheet software, Introduction and use of a spreadsheet software, Introduction and use of a spreadsheet software, Introduction and use of a spreadsheet software, Introduction and use of a presentation software

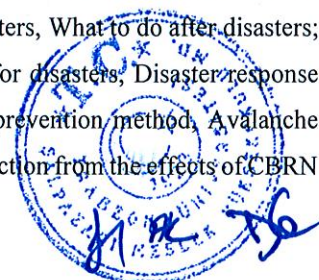
OPTIONAL COURSES-II

RESEARCH METHODS AND TECHNIQUES

Research and development activities, Choosing research topics, Principles in research, Basic concepts in research, Definitions of knowledge and information, Science, the main functions and purposes of science, Research, research techniques and objectives, Scientific research, its methods and types, Research process, Data collection methods in research, Writing the research report and its rules, Main parts of the thesis, Research presentation, Marketing research and its types

DISASTER EDUCATION AND CULTURE

Basic concepts about disasters., What to do before disasters; Hazards in our environment, family disaster and emergency plan, assembly areas, emergency phones, disaster and emergency bag, Correct behavior during disasters, What to do after disasters; evacuation, volunteer activities, Risk and harm reduction studies in disasters, Preparedness for disasters, Disaster response studies, Rehabilitation studies in disasters, Flood and flood protection methods, Landslide prevention method, Avalanche prevention methods, Earthquake protection methods, Fire protection methods, Methods of protection from the effects of CBRN



ENTREPRENEURSHIP

Entrepreneurship and Related Concepts, Types of Entrepreneurship, Characteristics of Successful Entrepreneurs and Development of Entrepreneurial Culture, Success and Failure Factors in Entrepreneurship with Examples from the World and Turkey, Research in the Startup Process and Feasibility Study (General Framework), The market research, Technical Research, Financial Research, Legal Structure Research, Organizational Research, Decision to Establish the Initiative and Preparation of the Final Project, Basic Business (Management, Production and Marketing) Functions in Entrepreneurship Management, Support for Entrepreneurs, Support for Entrepreneurs

DISASTER SOCIOLOGY

What is a disaster? Basic definitions and concepts, Historical and social factors that play a role in the formation of disasters, Risk, modernization and globalization, Methods used in disaster research, Disasters in the World, Disasters in Turkey, Vulnerability in disasters – vulnerability, General topic repetition, Efforts to combat disasters - Disaster planning and management in Turkey, Efforts to combat disasters - Disaster planning and management in Turkey, Disaster research in the World, Disaster research in the World, Discussion about disasters in the light of the topics covered, Discussion about disasters in the light of the topics covered

MANAGEMENT AND ORGANIZATION

Definition and characteristics of management and manager, Decision making, types of decisions, Decision making stages, Definition of planning, plan and plan types, Description of the organization, Principles of the organization, Organization charts, Executive, human resource management, Career planning, Performance improvement and evaluation, Employee training and selection, Control and types of control, Organization culture, Definition and principles of total quality management

FOOD SAFETY

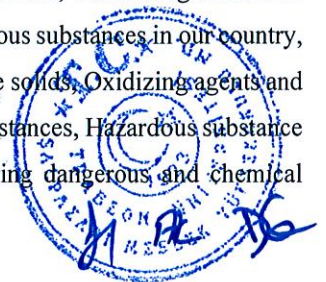
Importance of food safety Food safety in Turkey and in the world, Food safety laws, food law, Food contaminants and spoilage agents, Foodborne health risks (risks from bacteria and molds), Foodborne health risks (risks from bacteria, parasites, natural food contaminants and chemical contaminants), Food preservation techniques and product safety, Food preservation techniques and product safety, Basic preservation and processing techniques applied to foods, food additives, Hygiene and sanitation in industrial food safety, Quality safety in food, product and production control, Safety programs in GMP (Good Manufacturing Practice), GHP (Good Hygiene Practices), The HACCP system and its development in the food industry, ISO 22000 Food safety management system standard,

DISASTER AND EMERGENCY PSYCHOLOGY

Disaster Psychology and Basic Concepts, Basic principles in psychosocial practices, The stages of disaster and traumatic life events influencing society, Impact of disaster and emergency on children and adolescents and intervention approaches, Impact of disaster and emergency on children and adolescents and intervention approaches, Impact of disasters on adults, Post-traumatic stress disorder and acute stress disorder, The psychology of grief and loss, psychological resilience, Secondary traumatic stress symptoms and coping methods, Psychosocial intervention approaches, Psychology of civil defense and firefighters, burnout syndrome, disaster ethics

HAZARDOUS AND CHEMICAL SUBSTANCES

Hazardous and chemical substances, usage areas, Classification of dangerous and chemical substances, Current regulations on chemicals and dangerous substances in our country, Current regulations on chemicals and dangerous substances in our country, Explosives, dangerous gases flammable liquids, flammable solids, flammable liquids, flammable solids, Oxidizing agents and organic peroxides, radioactive substances, Corrosive (corrosive) substances, other dangerous substances, Hazardous substance symbols and signs, ADR (HIN) hazard numbers, NFPA 704 encoding, EAC encoding, Storing dangerous and chemical substances and reading labels, Use of hazardous and chemical substance identification guide



DISASTER AND EMERGENCY LOGISTICS

Definition and Importance of Logistics, Basic Functions of Logistics, Logistics Management, Disaster/Emergency Logistics, Importance and Benefits of Disaster/Emergency Logistics, Disaster Logistics Processes, Logistics Stages in Disaster Preparedness Process, Logistics Factors in Disaster Preparedness Process, Logistics in Disaster Response Process, Post Disaster Response Logistics, Humanitarian Logistics, Disaster Management Recovery Cycle, Emergency and Disaster Logistics in the World, Emergency and Disaster Logistics in the Turkey

OPTIONAL COURSES-III

EPIDEMICS IN DISASTERS

Disaster and Infection, Properties of Variables in Disaster, Infectious Diseases Emerging in Disasters, Tetanus, Upper and Lower Respiratory Infections, Measles, Malaria, Meningococcal Meningitis, Tuberculosis, Food Poisoning, Cholera, Typhoid, Hepatitis A, B, C and E Virus Infections, HIV, Rabies, Parasitic Infections, Pre-Disaster Epidemic Control, Post-Disaster Epidemic Control Immunization, Epidemic Analysis and Precautions in Disasters, Precautions to be Taken in Epidemic Control

TURKEY'S DISASTER

Natural Disasters and Geography, Subject of Natural Disasters Geography, Types of Natural Disasters, Ground-based Disasters, Disasters of Atmospheric Origin, Disaster Management, Measures Against Natural Disasters, Geographical Environment Disaster Relation, Examples from Turkey Disasters, Spatial Planning and Disaster Relation, Natural Disasters and Settlement in Turkey, Natural Disaster Damages in Turkey, Natural Disaster Awareness in Turkey, Understanding of Natural Disaster in Turkey

GLOBAL DISASTER MANAGEMENT ORGANIZATION AND PRACTICES

Disaster and disaster types, Disaster management, Global disaster management and the steps that are the basis for the formation of global disaster management principles, Hyogo framework action plan and incheon conference, Sendai disaster risk reduction framework 2015-2030, Principles of international management in disasters, International organizations and structures operating in the field of combating disasters, International search and rescue advisory group (Insarag), International urban search and rescue (usar), CBRN and dangerous goods, Public health emergency action plan at international points of entry, English-Turkish terms and abbreviations used in disasters, Verbal communication, Written communication

DISASTER MANAGEMENT FOR INDIVIDUALS WITH SPECIAL NEEDS

Disaster and emergency management for individuals with special needs, Services provided for individuals with special needs, Disability areas and characteristics, Legal regulations regarding individuals with special needs, Non-governmental organizations for individuals with special needs, Assistive technologies for individuals with special needs, Assistive technologies that can be used in disasters and emergencies for individuals with special needs, Assistive technologies that can be used in disasters and emergencies for individuals with special needs, Communication in disaster and emergency situations, Teaching safety skills to individuals with special needs, Rehabilitation of individuals with special needs in emergencies and disasters, Preparing individuals with special needs for emergencies and disasters, Planning pre-disaster services for individuals with special needs, Protecting individuals with special needs during and after disaster

ENVIRONMENTAL HEALTH IN DISASTERS

Definition and types of disaster, Public health consequences of disasters, Effects of disasters on human health, The main types of disasters and the environmental problems that arise after them, Public health problems arising in different disasters, Effects of different types of disasters, Accessibility, evacuation and emergency aid measures in case of disaster, Accessibility, evacuation and emergency aid measures in case of disaster, Points to be considered regarding disasters in zoning plans and



their connections with public health, Environmental health measures in case of disaster, Environmental health measures in case of disaster, Physical planning measures that can be taken against disasters, disaster assessment, General evaluation

VOLUNTEERING STUDIES

Introducing the content of the course, society and its visibility, Community service practices in our city, The Importance of Participating in Scientific Events such as Panel, Conference, Congress, Symposium as an Audience, Speaker or Organizer, Volunteering in Various Projects within the Framework of Social Responsibility, Involving Students in a Social Project Using Their Knowledge and Experience, Gaining basic knowledge and skills for the implementation of community service studies in schools, Investigation of Successful Volunteering Practices Practiced in the World and in Turkey, Investigation of Successful Volunteering Practices Practiced in the World and in Turkey, Students' Volunteering Practices, Students' Volunteering Practices, Students' Volunteering Practices, Students' Volunteering Practices, Students' Volunteering Practices, Students' Volunteering Practices

COMMUNICATION IN DISASTERS

In Disaster Information and Communication System Key Components, Concepts and Definitions, Disaster Information System, Geographic Information Technologies in Disaster Management, Use of Geographic Information System in Disaster Management, Remote Sensing and Related Basic Concepts in Disaster Management, Disaster and Emergency Mapping and Reporting, Radio Communication Services, Radio Communication Services, Satellite Systems and Satellite Communication Services, Disaster Information and Communication System Security, Transmitting Hazard News, Examples of Disaster Information and Communication System in Turkey, Examples of Disaster Information and Communication System in Turkey

IMMIGRATION AND MIGRATION ISSUES

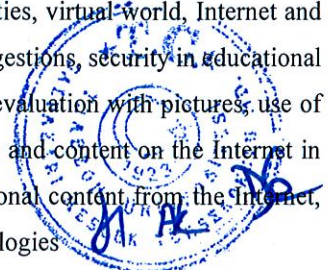
Basic Information on the Concept of Migration, Migration Theories, Migration Theories, Mass Migrations Turning into Disaster, Mass Migrations Turning into Disaster, Migration and Education, Migration and Health Issues, Migration and Health Issues, Immigrants and Labor Markets, Immigration and Integration Policies, Turkey's Migration Policies and Management

FIGHTING ADDICTION AND ADDICTION

Basic concepts and definitions associated with addiction, Types of addiction (Substance, Technology, Alcohol, Cigarette etc.), Causes of addiction, Risk factors and protective factors in addiction, Psychological factors associated with addiction, Social factors associated with addiction, The role of social work in addiction, Addiction prevention programs, Approach to the addicted person, Treatment in addiction programs, Social therapy in addiction, Rehabilitation models in addiction, Addiction-related policies, Inter-agency collaborations in the fight against addiction

TECHNOLOGICAL LITERACY

"What is technology?, What is technological literacy? Basic concepts of technological literacy", Introduction of Web 2.0 technology, current web 2.0 technologies, use of web 2.0 technologies in education, sample applications, How to learn effective presentation techniques? Things to do before the presentation, presentation strategies, technologies that can be used for effective presentation, Current education applications, Google education tools, Google doodle, Google maps, Google driver, gmail, Current education applications, smart boards, technologies that can be used in smart boards, software and tools used for smart boards, Current education applications, mobile devices, technologies used in mobile devices, mobile applications, Current technologies used in education, field-specific technologies, use of educational technology in the educational environment, Media literacy, basics of media literacy, mass communication, social communities, virtual world, Internet and technology security, using technology and the internet safely, possible threats and solution suggestions, security in educational Technologies, What is a storyboard? How is it prepared? Digital story planning, design and evaluation with pictures, use of pictures and videos in education, The use of the Internet in education, the use of information and content on the Internet in education, the legal usage rights of the information on the Internet, the provision of educational content from the Internet, distance education Technologies, distance education Technologies, distance education Technologies



PROGRAM OUTPUT

1. Have basic conceptual structure, knowledge and skills related to Emergency and Disaster Management, can apply modern and technical methods in disaster and emergency response organizations.
2. The student may have the skills to define the information and data needed in the Integrated Disaster Management stages, to reach these stages and to evaluate them.
3. The student may have the ability to lead multidisciplinary teams in all phases of Disaster Management, to produce solutions in complex situations, to take responsibility and to volunteer.
4. Gain the competence to observe social, scientific and ethical values in the collection, evaluation and announcement of data in the stages of Risk and Crisis management and in all activities related to the professional field.
5. They can follow the structures and building technologies built according to the developing technology, and have the ability to examine and learn them when necessary.
6. Have the necessary sensitivity to raise awareness about developing methods in the field of Emergency and Disaster Management and the ability to gain disaster education and culture in these areas.
7. May have knowledge of business practices such as risk management, hazard analysis and crime scene management.
8. Demonstrates appropriate approaches in line with the legislation on the effects of disasters and emergencies on health, environment and security in universal and social dimensions and on the problems encountered in the field.
9. The student may have the ability to define the problem in the face of disasters and emergencies, to coordinate with the necessary units, to cope with possible crisis situations, to solve the problem immediately and to take precautions against other possible problems.
10. Recognizes the fields and materials related to the field of Emergency and Disaster Management and can use them efficiently.
11. Understands the importance of physical competence in disaster and emergency situations and can gain mental resilience and ability to fight addiction in adverse situations.
12. Have knowledge about the properties of tools, equipment and materials used in disaster and emergency situations, use skills and the ability to maintain materials.
13. Have knowledge about chemical, biological, radiological and nuclear materials that are dangerous in emergency and disaster management and can participate in prevention and response organizations against these substances.
14. In Emergency and Disaster management, they can take theoretical knowledge on human anatomy and physiology, disaster medicine, apply basic first aid and techniques, and manage the psychological situations they will encounter correctly.
15. The student learns the approaches towards the individuals in the vulnerable group in Global and National Disaster and Emergency management and can apply all the necessary steps for these groups.
16. Gains knowledge about the precautions to be taken and the practices to be done within the scope of food safety in disaster and emergency situations.
17. Knows the migration and migration problems that may arise in disaster and emergency situations and can provide an effective approach to them.
18. By following the developing technology in disaster and emergency issues, it can apply field-specific technological literacy, entrepreneurial and innovative activities; can use appropriate research methods and techniques when necessary.
19. Learns the planning of logistics service applications needed in disaster and emergency situations and can apply existing plans in these situations.
20. The student learns how to identify and analyze the risks that may be encountered in the workplace and takes precautions against the dangers that may arise.

