

**HEALTH SERVICES VOCATIONAL SCHOOL,  
FIRST AND EMERGENCY AID PROGRAM  
2020-2021**

**2. SEMESTER COURSE PLAN (THEORY + PRACTICE + CREDIT + ECTS)**

**MYO103 BASIC ANATOMY (2+ 0 +2+ 2)**

1. Introduction to anatomy. Axes, planes, general information
2. Bones
3. Joints
4. Muscles
5. Respiratory system
6. Heart-Circulatory system
7. Digestive system
8. Digestive system
9. Urinary system
10. Female genital organs
11. Male genital organs
12. Nervous system
13. Nervous system
14. Sense organs, Endocrine system

**FZY101 PHYSIOLOGY (2 +0+ 2 +2)**

1. Introduction to Physiology and Homeostasis
2. Cell physiology
3. Blood physiology
4. Excitable Tissues
5. Musculoskeletal System Physiology
6. Cardiovascular System physiology
7. Midterm Exam Week
8. Respiratory System Physiology
9. Digestive System Physiology
10. Urinary System Physiology, Acid-Base Balance
11. Nervous System Physiology

12. Endocrine System physiology
13. Reproductive System physiology
14. Sensory System physiology

**TTR101 MEDICAL TERMINOLOGY (2 +0+ 2 +2)**

1. Introduction to Terminology, the rules of reading the terms
2. Prefixes, Suffixes
3. Types of terms
4. Motion System Terms
5. Blood Terms
6. Cardiovascular System Terms
7. Respiratory System Terms
8. Digestive System Terms
9. Urinary System Terms
10. Genital System Terms
11. Endocrine System Terms
12. Nervous System and Psychiatric Terms
13. Sensory Organs Terms
14. Diagnostic Terms

**ILK115 EMERGENCY PATIENT CARE I (2 +2 +3 +6)**

1. Introduction of the course, meeting, general information
2. Vital signs
3. Making the First Assessment of the Patient or Injured
4. Making the Second Assessment
5. Evaluating Respiratory Diseases
6. Practicing Urgent Care In Respiratory Distress
7. Evaluating Cardiovascular System Diseases
8. Practicing Emergency Care In Cardiovascular System Diseases
9. Practicing Emergency Care To A Patient With Chest Pain
10. Evaluating Nervous System Diseases-I
11. Evaluating Nervous System Diseases-II
12. practicing Emergency Care in Nervous System Diseases

13. Case practice

14. Case practice

**ILK105 ACİL SAĞLIK HİZMETLERİ I (BZSEÇ) (2+ 0 +2 +5)**

1. Introduction of the Course: Introduction, objectives and Learning objectives

2. Definitions and historical development of Emergency Health Services

3. Organization of Emergency Health Services

4. Necessary staff for an effective Emergency Health Service

5. Emergency Health Tools

6. Employee health and safety in Emergency Health Services

7. Features of the Emergency Health Officer

8. Professional duties and responsibilities

9. Ethical responsibilities in Emergency Health Services

10. Safety measures in Emergency Health Services

11. Safety measures in Emergency Health Services

12. Evaluate Legislation Related To Emergency Medical Services İn Turkey

13. Evaluate Legislation Related To Emergency Medical Services İn Turkey

14. Evaluate Legislation Related To Emergency Medical Services İn Turkey

**RPSI209 POSİTİVE PSYCHOLOGY AND COMMUNICATION SKILLS (UE) (2 +0+ 2+ 3)**

1. Definition of Positive Psychology and Basic Concepts

2. Theoretical Bases of Positive Psychology,

3. , Introduction to Social Cognitive Neuroscience-The Brain Infrastructure of Social BehaviorS

4. Positive Psychology Practices-Emotional Intelligence

5. Emotional Intelligence in Adults, Children and Young People, Marriage and Work Life

6. Knowing and Empathizing with Others Self-Awareness and Awareness

7. Communication Skills, Motivation and Planning

8. Problem Solving Skills, Anger, Aggression and Violence

9. Problem Solving Skills, Anger, Aggression and Violence

10. Problem Solving Skills, Anger, Aggression and Violence

11. Relationship Management

12. Relationship Management

13. Healthy Decision Making, Reconciliation

14. Healthy Decision Making, Reconciliation

**TURK101 TURKISH LANGUAGE I (2+ 0+ 2 +3)**

1. Learns the necessity of the connection between language and culture.
2. Gains knowledge of the historical course of Turkish language.
3. Learns the rules of spelling and punctuation, need and contribution to life success.
4. Learn to use words in the most appropriate place in verbal and written expression.
5. They learn how to use their ideas and feelings correctly and effectively.
6. Midterm
7. Practices related to spelling rules and punctuation marks
8. Text review: review of a column ,
9. Expression disorders, language mistakes and applications
10. Turkish as a science language with sample texts
11. Verbal presentation studies
12. Verbal presentation studies
13. Verbal presentation studies
14. Verbal presentation studies

**INGU101 ENGLISH I (2+ 0+ 2 +3)**

1. Meet, verb to be, subject pronouns
2. Sign pronouns, countable / uncountable nouns, quantitative expressions
3. Wide time (Simple present tense), frequency envelopes
4. object pronouns, possessive adjectives, have got / has got
5. - should, should, (must / mustn t) can, can (can / can t)
6. Simple Past Tense
7. Understands and comments on listening at the relevant level.
8. Increases vocabulary with various reading texts.
9. Present tense
10. Conjunctions (and-but-so-because)
11. Comparisons
12. Gains the ability to understand various English reading passages in the middle lower level.
13. An overview
14. An overview

### **ATA101 ATATÜRK'S PRINCIPLES AND REVOLUTION HISTORY I (2+ 0+ 2 +3)**

1. Define concepts, lesson methods and definition of resources
2. The Industrial Revolution and the French Revolution
3. Distribution of the Ottoman State (XIX. Century)
4. Tanzimat and Reform Edict, I. and II. Constitutionalism
5. World I, Tripoli and Balkan Wars
6. Mondros Armistice Treaty, Wilson Principles, Paris Conference
7. The Exit of M. Kemal to Samsun and the Situation in Anatolia
8. Amasya Circular, National Congresses, Opening of the Mebusan Assembly
9. Establishment of the Parliament and Internal Revolts
10. Organization Law, Establishment of Regular Army
11. I. II. Great Attack with İnönü, Kütahya-Eskişehir and Sakarya Square Battles
12. Treaties during the War of Independence
13. The Lausanne Peace Treaty
14. Abolition of the Sultanate

### **RKUL101 UNIVERSITY CULTURE I (UE) (0 +2+ 1+ 1)**

1. Each semester includes seminars, conferences, panels, workshops and speeches that will be held for 14 weeks within the framework of a program consisting of academic units, student council and student clubs at the university.

### **2. SEMESTER COURSE PLAN (THEORY + PRACTICE + CREDIT + ECTS)**

### **ATA102 ATATÜRK İLKE VE İNKILAP TARİHİ II (2+ 0+ 2 +3)**

1. Lausanne Peace Treaty and Its Evaluation
2. Revolutions in the Political Area, the Declaration of the Republic and the Abolition of the Caliphate
3. Transition to Multiparty Political Life
4. Hukuk Alanındaki İnkıplar
5. Revolutions in the Field of Law
6. Revolutions in Education and Economics
7. Turkish Foreign Policy Between 1923-1938
8. Turkish Foreign Policy Between 1938-1950
9. Democrat Party Power and Adnan Menderes Period (1950 - 1960)
10. Political Developments in 1960 and After the Coup
11. Domestic Politics of Turkey 1980-2002 period.

12. Basic Principles of Turkish Revolution (Atatürk's Principles and Complementary Principles)

13 Atatürk Revolutions, Rationalism and Scientific Thought; Republicanism and Populism

14. Nationalism and Etatism; Secularism and Revolutionism

**FAR103 BASIC PHARMACOLOGY (2+ 0+ 2 +2)**

1. Introduction to pharmacology and toxicology, definition and general concepts

2. Medication routes

3. Toxic effects of drugs

4. Autonomic nervous system drugs

5. Medicines of the cardiovascular system

6. Drugs acting on central nervous system

7. Midterm

8. Drug abuse and addiction

9. Analgesic Drugs and Anesthetics

10. Respiratory system drugs

11. Medicines of the gastrointestinal tract

12. Autacoids and drugs effective on the endocrine system

13. Chemotherapeutics

14. Chemotherapeutics

**ILK118 EMERGENCY PATIENT CARE II (2+ 2+ 3 +5)**

1. Introduction of the Course; Introduction, purpose and Learning objectives

2. Asepsis techniques

3. Medication routes

4. Medication routes

5. Medicines used before hospital

6. Evaluating Metabolic Diseases, Applying Emergency Care in Metabolic Emergencies, Metabolic Emergencies.

7. Evaluating Metabolic Diseases, Applying Emergency Care in Metabolic Emergencies, Metabolic Emergencies.

8. To evaluate digestive system diseases, to apply digestive system emergencies and emergency care.

9. To evaluate digestive system diseases, to apply digestive system emergencies and emergency care.

10. Approach to the Patient with Abdominal Pain and Evaluation of the Patient with Abdominal Pain

11. Evaluating Urogenital Diseases, Applying Urgent Care in Urogenital Emergencies.

12. Evaluating Urogenital Diseases, Applying Urgent Care in Urogenital Emergencies.

13. To evaluate infectious diseases, to apply emergency care in infectious diseases.

14. To evaluate infectious diseases, to apply emergency care in infectious diseases.

### **ILK122 RESUSCITATION (2+ 2+ 3 +5)**

1. History of Resuscitation

2. Adult Basic Life Support

3. Child / Baby Basic Life Support

4. Medical Materials and Medicines Used in Resuscitation

5. Aspiration, Airline Management

6. Advanced Airway (Endotracheal Intubation practice)

7. İleri Havayolu (Supraglottik araçlar)

8. Adult Advanced Life Support

9. Cardioversion, Defibrillation, Transcutaneous pacemaker Application

10. ECG introduction

11. Bradyarrhythmias

12. Tachyarrhythmias

13. Resuscitation in Special Cases

14. Decision to Start Resuscitation, Death Decision and Ethics

### **INGU102 ENGLISH-II (2+ 0+ 2 +3)**

1. Demonstrative Pronouns, Possessive Pronouns

2. Past Continuous Tense

3. Simple Past Tense&Past Continuous Tense)

4. Preposition of Time and Place

5. Present Perfect Tense

6. General Repetition (units 1-5)

7. Possessive"s",Adverbs of manner

8. Midterm

9. Future Tense

10. Making Suggestions&Requests

11. Gerunds - Infinitives

12. Modals (must,should,have to,don't have to,may )

13. General Repetition (units 7-12)

14. General Repetition (units 7-12)

**ILK120 EMERGENCY HEALTH SERVICES II (2+ 2+ 3 +5)**

1. Ambulance Regulation (Land-Air-Sea) and paramedic duty authorization definitions Ministry of Health Regulation

2. Introduction to ambulance equipment

3. Stretchers (fixing - transport stretchers)

4. Stretcher applications group work

5. Response Equipment

6. Response Equipment application

7. Fixing Equipment

8. Fixing Equipment application and general scenario studies

9. Hot-Cold emergencies and electric shock

10. Burns

11. Approach to Poisoning and Animal Bites

12. Hemorrhages and Shock

13. Diving and High Altitude Diseases

14. Applications and Scenario studies

**RKUL102 UNIVERSITY CULTURE II (0 +2+ 1+ 1)**

1) Each semester includes seminars, conferences, panels, workshops and speeches that will be held for 14 weeks within the framework of a program consisting of academic units, student council and student clubs at the university.

**SKI100 COMMUNICATION IN HEALTH INSTITUTIONS (2+ 0+ 2 +3)**

1. What is Communication? History and Importance of Communication.

2. Types, Dimensions and Features of Communication

3. Nonverbal Communication

4. Verbal Communication

5. Effective Communication Methods Empathy And Listening

6. Nonverbal Communication

7. Organizational Communication

8. Approach to the Angry Person Approach to the Death Person

9. Approach to the Disabled Patient



10. Approach to Child Patient and Elderly Patient
11. Requesting Feedback
12. Resolution of Communication Conflicts
13. Time management
14. Time management

### **3. SEMESTER COURSE PLAN (THEORY + APPLICATION + CREDIT + ECTS)**

#### **ILK205 TRAUMA (3+ 2+ 4 +7)**

1. Introduction of the Course: Introduction, objectives and Learning objectives
2. Applying General Approach to Trauma Cases
3. Applying Emergency Care in External Bleeding
4. Emergency Care in Soft Tissue Injuries
5. Applying Emergency Care in Face and Neck Injuries
6. Applying Emergency Care in Spine Injuries
7. Applying Urgent Care in Chest Injuries
8. Applying Emergency Care in Abdominal Injuries
9. Applying Urgent Care in Pelvis Injuries
10. Applying Urgent Care in Limb Injuries
11. Applying Emergency Care to Specialized Trauma Cases
12. Applying Care in Environmental Emergencies 1
13. Applying Care in Environmental Emergencies 2
14. Applying Emergency Care in Burns

#### **ILK209 PHYSICAL EDUCATION AND BODYBUILDING I (0 +2+ 1 +3)**

1. Training concept - Aerobic running exercises
2. The main purpose and basic duties of training
3. The effect of training on the organism and the changes it creates - Lower extremity strength exercises (without tools)
4. The relationship between loading and rest in training - Strength exercises of lower extremities (instrument)
5. Loading criteria - Upper extremity force exercises (no tools)
6. Aerobic training and flexibility exercises - Upper extremity strength exercises (instrument)
7. Isometric working principles - Abdominal studies (individual)
8. Isometric working principles - Abdominal studies (individual)

9. Body grip studies theory - Abdominal studies (paired)
10. Reverse body grip exercises theory - Body grip exercises
11. Dynamic (isotonic) working principles-Reverse body grip studies
12. Concentric studies theory Dynamic (isotonic) working principles
13. Eccentric studies theory - Concentric studies theory
14. Force studies theory with various tools-Eccentric studies theory

### **ILK217 EMERGENCY PATIENT CARE III (2 +2 +3 +6)**

1. Introduction of the Course: Introduction, objectives and Learning objectives
2. Evaluating Psychiatric Diseases
3. Applying Urgent Care in Psychiatric Diseases
4. Pregnancy and pregnancy complications
5. Helping Normal Delivery
6. Postpartum and postpartum complications
7. Applying Emergency Care in Obstetric Emergencies
8. Applying Emergency Care in Obstetric Emergencies
9. Applying Care in Gynecological Emergencies
10. Evaluating Pediatric Patients
11. Applying Urgent Care to Pediatric Patients
12. Evaluating Geriatric Patients
13. Applying Urgent Care to Geriatric Patients
14. Applying Urgent Care to Oncological Patients

### **MET101 OCCUPATIONAL ETHICS (2+ 0+ 2+ 2)**

1. What is Ethics? / A View of Ethical Theories / Basic Concepts: Responsibility, Accountability and Liability / Ethical Analysis
2. Society and Information Ethics: Two-Way Relationship Between Society and Technology Effects of Information Technologies; Optimist, Pessimist, Contextual Views Why IT Ethics? The Task of IT Ethics
3. Addiction, Health Problems, Unemployment, Social Relations
4. Security, Abuse and Cybercrime
5. Human rights and Patient rights
6. Hospital ethics committees
7. midterm
8. principles of medical professional ethics and deontology

9. principles of medical professional ethics and deontology- presentation
10. Ethical case analysis - student presentation
11. Ethical problems and ethical decision making process in pre-hospital emergency care
12. Medical ethical dilemmas in pre-hospital emergency care
13. Ethical behavior principles in pre-hospital emergency care
14. Patient privacy in pre-hospital emergency care

**ILK215 PROFESSIONAL PRACTICE I (BE) (2 +8 +6 +10)**

1. Parenteral Drug Application
2. Opening a vessel
3. Advanced Airline Applications
4. Advanced Airline Applications,
5. ECG introduction
6. Bradyarrhythmia algorithms
7. Midterm
8. Tachyarrhythmia algorithms
9. Cardioversion, defibrillation, transcutaneous pace applications
10. Case scenarios
11. Case scenarios
12. Case scenarios
13. Case scenarios
14. Case scenarios

**4. SEMESTER COURSE PLAN (THEORY + APPLICATION + CREDIT + ECTS)**

**ILK202 PROFESSIONAL PRACTICE II (0+ 16+ 8+ 10)**

1. Students will practice the theoretical knowledge they learned during the internship areas during the 14 weeks.

**ILK204 EMERGENCY CALL RESCUE STUDIES (3+ 2 +4+ 7)**

1. Disasters and Overview of Disasters in Our Country
2. Basic Protection Principles in Disasters
3. Triage
4. KBRN (Chemical Biological Radiation and Nuclear Hazardous Substances)
5. KBRN (Chemical Biological Radiation and Nuclear Hazardous Substances)

6. Applying Emergency Health Service in Biological Accident or Attack
7. Applying Emergency Health Service in Chemical Accident or Attack
8. Implementing Emergency Health Service in Nuclear Accident or Attack
9. Environmental Emergencies and Advanced Life Support
10. Environmental Emergencies and Advanced Life Support
11. Case Study
12. Case Study
13. Case Study
14. Case Study

**ILK999 YAZ STAJI (0+ 20 iş günü+ 0+ 9)**

1. Students will practice the theoretical knowledge they learned during the internship in the year.

**SAH101 HEALTH LAW (2 + 0 + 2+ 3)**

1. Introduction to Health Law and Basic Concepts
2. Basic Concepts and Institutions of Health Law
3. Physician Rights and Physician Obligations
4. Hasta Hakları Ve Hasta Yükümlülükleri
5. Lighting and Consent in Health Law
6. Privacy in Medical Interventions
7. Midterm
8. Medical Intervention Despite Consent Against The Law
9. Interventions Without Medical Indications
10. Legal Qualities of the Relationship Between Hospital and Patient
11. Legal Nature of the Relationship Between Private Hospitals and Patients Private Hospitals Regulation
12. Legal Nature of the Relationship Between Public Hospitals and Patients
13. Incorrect Medical Practices And Compensation Problems
14. Incorrect Medical Practices And Compensation Problems

**ILK210 PHYSICAL EDUCATION AND BODYBUILDING II (0+ 2 +1+ 3)**

1. Training concept- Aerobic running exercises
2. The main purpose and basic duties of training
3. The effect of training on the organism and the changes it creates - Lower extremity strength exercises (without tools)

4. The relationship between loading and rest in training - Strength exercises of lower extremities (instrument)
5. Loading criteria - Upper extremity force exercises (no tools)
6. Aerobic training and flexibility exercises - Upper extremity strength exercises (instrument)
7. Isometric working principles - Abdominal studies (individual)
8. Isometric working principles - Abdominal studies (individual)
9. Body grip studies theory - Abdominal studies (paired)
10. Reverse body grip exercises theory - Body grip exercises
11. Dynamic (isotonic) working principles-Reverse body grip studies
12. Concentric studies theory-Dynamic (isotonic) working principles
13. Eccentric studies theory - Concentric studies theory
14. Force studies theory with various tools-Eccentric studies theory