

**VOCATIONAL SCHOOL OF HEALTH SERVICES**

**FIRST AND EMERGENCY AID PROGRAM**

**2022-2023**

**1. SEMESTER COURSE PLAN (THEORY+APPLICATION+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. Cardiovascular System
7. Digestive System
8. Digestive System
9. Urinary System
10. Female Genital Organs
11. Male Genitals
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. Inducible Tissues
5. Musculoskeletal 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

**MYO003 MEDICAL TERMINOLOGY (2+0+2+2)**

1. Introduction to Terminology, Pronunciation of 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 Psychiatry Terms
13. Sense Organs Terms
14. Diagnostic Terms

#### **ILK103 EMERGENCY PATIENT CARE I (2+2+3+5)**

1. Course Description: Introduction, Aim and Learning Objectives
2. Vital Signs - Application: Measurement of Vital Signs
3. Initial Evaluation of the Patient or Injured
4. Second Evaluation of the Patient or Injured
5. Evaluating Respiratory System Diseases
6. Applying Emergency Care in Respiratory Distress
7. Evaluating Cardiovascular System Diseases
8. Implementing Emergency Care in Cardiovascular System Diseases
9. Applying Emergency Care to a Patient with Chest Pain
10. Evaluating Nervous System Diseases-I
11. Evaluating Nervous System Diseases-II
12. Implementing Emergency Care in Nervous System Diseases
13. Case Practices
14. Case Practices

#### **ILK105 EMERGENCY HEALTH SERVICES I (DEC) (2+0+2+5)**

1. Definitions in Emergency Health Services
2. Historical Development of Emergency Health Services
3. Emergency Health Services in Turkey
4. Task Flow and Operation of Emergency Health Services
5. Employees in Emergency Health Services
6. Professional Duties and Responsibilities
7. The Characteristics That an Emergency Health Person Should Have
8. 112 Ambulance Services, Ambulances, Emergency Medical Vehicles
9. Ambulance Driving Protocols
10. Hospital Emergency Services
11. Communication and Communication in Emergency Health Services
12. Personal Protective Equipment

13. Crime Scene Management

14. Ethical Responsibilities in Emergency Health Services

**RKUL101 UNIVERSITY CULTURE I (UEC) (0+2+1+1)**

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

**ATA101 ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I (2+0+2+3)**

1. Concepts Definitions, Lesson Methods and Description of Resources

2. Industrial Revolution and French Revolution

3. The Dissolution of the Ottoman Empire (XIX. Century)

4. Tanzimat and Reform Edict, I. and II. Constitutionalism

5. World War I, Tripoli and Balkan Wars

6. Armistice of Mudros, Wilson Principles, Paris Conference

7. M. Kemal's Departure to Samsun and the Situation in Anatolia

8. Amasya Circular, National Congresses, Opening of the Parliamentary Assembly

9. Establishment of the Turkish Grand National Assembly and Internal Revolts

10. Teşkilat-ı Esasi Law, Establishment of the Regular Army

11. I.II. Great Offensive with İnönü, Kütahya-Eskişehir and Sakarya Pitched Battles

12. Treaties During the War of Independence

13. Lausanne Peace Treaty

14. Abolition of the Sultanate

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

1. What is language; world languages, the place of Turkish among them and its historical development

2. Oral presentation studies

3. Problems of Turkish today in the accompaniment of current texts

4. Writing “de”, “ki” and “mi” accompanied by current texts

5. Problems with the spelling of Turkish words in the accompaniment of compiled texts

6. Text review: A review of a scientific article

7. 1st year exam

8. Practices about spelling rules and punctuation marks

9. Text analysis: Analysis of a column

10. Expression disorders, language mistakes and applications

11. Turkish as the language of science accompanied by sample texts

12. Oral presentation exercises

13. Oral presentation studies

14. Oral presentation studies

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

1. Meet, verb to be, subject pronouns

2. Demonstrative pronouns, countable/uncountable nouns, quantitative expressions

3. Simple present tense, adverbs of frequency
4. Object pronouns, possessive adjectives, have got/has got
5. -must, -mustn, (must/mustn t) can, -able (can/can t)
6. Past Tense (Simple Past Tense)
7. Midterm Exam
8. Unit repeat (Unit 1-7)
9. Present tense
10. Conjunctions (and-but-so-because)
11. Comparisons
12. Unit repetition (Unit 9-11)
13. General repetition
14. Final Exam

**RPSI209 POSITIVE PSYCHOLOGY AND COMMUNICATION SKILLS (UEC) (2+0+2+3)**

1. Definition of Positive Psychology and Basic Concepts
2. Theoretical Foundations of Positive Psychology
3. Introduction to Social Cognitive Neuroscience, Brain Infrastructure of Social Behaviors
4. Applications of Positive Psychology, Emotional Intelligence, Emotional Intelligence in Adults, Children and Adolescents, Marriage and Business Life
5. Self-Knowledge and Awareness
6. Recognition and Empathy for Others
7. Midterm Exam
8. Communication Skills
9. Motivation and Planning
10. Problem Solving Skills
11. Anger, Aggression, and Violence
12. Relationship Management
13. Persistence
14. Healthy Decision Making

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

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

1. Introduction of the Course; Introduction, Purpose and Learning Objectives
2. Asepsis Techniques
3. Administering Medication
4. Administering Medication
5. Pre-Hospital Drugs
6. Evaluating Metabolic Diseases, Metabolic Emergencies, Implementing Emergency Care in Metabolic Emergencies
7. Evaluating Metabolic Diseases, Metabolic Emergencies, Implementing Emergency Care in Metabolic Emergencies
8. Evaluating Digestive System Diseases, Digestive System Emergencies and Applying Emergency Care

9. Evaluating Digestive System Diseases, Digestive System Emergencies and Implementing Emergency Care
10. Approach to the Patient with Abdominal Pain and Evaluation of the Patient with Abdominal Pain
11. Evaluating Urogenital Diseases, Applying Emergency Care in Urogenital Emergencies
12. Evaluating Urogenital Diseases, Applying Emergency Care in Urogenital Emergencies
13. Evaluating Infectious Diseases, Implementing Emergency Care in Infectious Diseases
14. Evaluating Infectious Diseases, Implementing Emergency Care in Infectious Diseases

**ILK110 EMERGENCY HEALTH SERVICES II (DEC) (2+4+4+5)**

1. Ambulance Regulation (Land-Air-Sea), Paramedic Duty Authorization and Definitions
2. Patient Transport Techniques
3. Stretchers ( Fixing - Transport Stretchers )
4. Stretcher Applications
5. Response Equipment
6. Intervention Equipment Applications
7. Visa Week
8. Detection Equipment
9. Detection Equipment Applications
10. Essential Patient Care Supplies
11. Bleeding and Shock
12. Environmental Emergencies
13. Practices and Group Work
14. Practices and Group Work

**ILK122 RESUSITATION (2+2+3+5)**

1. History of Resuscitation
2. Adult Basic Life Support
3. Child/Baby Basic Life Support
4. Medical Equipment and Drugs Used in Resuscitation
5. Aspiration, Airway Management
6. Advanced Airway (Endotracheal Intubation Application)
7. Advanced Airline (Supraglottic Vehicles)
8. Adult Advanced Life Support
9. Cardioversion, Defibrillation, Transcutaneous Pacemaker Application
10. ECG Introduction
11. Bradyarrhythmias
12. Tachyarrhythmias
13. Resuscitation in Special Situations
14. Decision to Begin Resuscitation, Making Death Decision, and Ethics

**FAR105 BASIC PHARMACOLOGY (2+0+2+3)**

1. Introduction to Pharmacology and Toxicology, Definition and General Concepts

2. Pharmacodynamics
3. Non-Narcotic Analgesics
4. Narcotic Analgesics
5. Central Nervous System Drugs
6. Endocrine System Drugs
7. Midterm Exam
8. Drug Abuse and Addiction
9. Digestive System Medicines
10. Cardiovascular System Drugs
11. Respiratory System Medications
12. Autonomic Nervous System Drugs
13. Chemotherapeutics
14. Chemotherapeutics

#### **ATA102 ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II (2+0+2+3)**

1. Lausanne Peace Treaty and Its Evaluation
2. Revolutions in the Political Field, Proclamation of the Republic and Abolition of the Caliphate
3. Attempts to Transition to Multi-Party Political Life
4. Revolutions in the Field of Law
5. Revolutions in the Social Field
6. Revolutions in Education and Economics
7. Turkish Foreign Policy Between 1923-1938
8. Turkish Foreign Policy Between 1938-1950
9. Democratic Party Power and Adnan Menderes Period (1950 – 1960)
10. 1960 Government Coup and Subsequent Political Developments
11. Turkey's Domestic Politics in the Period 1980-2002
12. Basic Principles of the Turkish Revolution (Ataturk's Principles and Integrative Principles)
13. Ataturk's Revolutions, Rationalism and Scientific Thought; Republicanism and Populism
14. Nationalism and Statism; Secularism and Revolutionism

#### **TURK102 TURKISH LANGUAGE II (2+0+2+3)**

1. What is language; world languages, the place of Turkish among them and its historical development
2. Problems of Turkish today in the presence of current texts
3. Writing “de”, “ki” and “mi” in the accompaniment of current texts
4. Problems with the spelling of Turkish words in the presence of compiled texts (combined texts)
5. Text review: A review of a scientific article
6. 1st year exam
7. Practices about spelling rules and punctuation marks
8. Text analysis: Analysis of a columnist
9. Expression disorders, pro-linguistics and applications

10. Turkish as the language of science accompanied by sample texts
11. Oral presentation studies
12. Oral presentation exercises
13. Oral presentation studies
14. Oral presentation studies

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

1. Demonstrative Pronouns, Possessive Pronouns
2. Past Continuous Tense
3. Reading and vocabulary practice (Simple Past Tense & Past Continuous Tense)
4. Preposition of Time and Place
5. Present Perfect Tense
6. General Review (units 1-5)
7. Midterm Exam
8. Possessive "s", Adverbs of manner
9. Future Tense
10. Making Suggestions & Requests
11. Gerunds – Infinitives
12. Modals (must, should, have to, don't have to, may )
13. General Review (units 7-12)
14. General Review (units 7-12)

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

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

### **ILK101 FIRST AID (2+0+2+3)**

1. General First Aid Information
2. Human Body, Patient/Injured and Crime Scene Assessment
3. Human Body, Patient/Injured and Crime Scene Assessment
4. Basic Life Support (Adult Basic Life Support)
5. Basic Life Support (Basic Life Support for Children and Infants), First Aid for Airway Obstruction
6. First Aid for Bleeding and Shock
7. First Aid for Injuries
8. First Aid for Burns, Frostbite and Heat Stroke
9. First Aid in Consciousness Disorders
10. First Aid in Poisonings
11. First Aid for Animal Bites, First Aid for Foreign Objects in the Eyes, Ears and Nose, First Aid for Choking
12. First Aid for Fractures, Dislocations, Sprains
13. Patient/Wounded Transport Techniques
14. Patient/Wounded Transport Techniques

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

#### **ILK229 VOCATIONAL PRACTICE I (DEC) (2+8+6+14)**

1. Vital Signs
2. Vital Signs
3. Patient Evaluation
4. Patient Evaluation
5. Key Initiatives
6. Key Initiatives
7. Midterm exam
8. Professional Skills and Practices
9. Professional Skills and Practices
10. Case scenarios
11. Case scenarios
12. Case scenarios
13. Case scenarios
14. Case scenarios

#### **ILK231 EMERGENCY PATIENT CARE III (3+0+3+5)**

1. Course Description: Introduction, Aim and Learning Objectives
2. Evaluating Psychiatric Diseases
3. Implementing Emergency Care in Psychiatric Diseases
4. Pregnancy and Pregnancy Complications
5. Aiding Normal Birth
6. Postpartum and Postpartum Complications
7. Visa
8. Implementing Emergency Care in Obstetric Emergencies
9. Caring for Gynecological Emergencies
10. Evaluating Pediatric Patients
11. Applying Emergency Care to Pediatric Patients
12. Evaluating Geriatric Patients
13. Applying Emergency Care to Geriatric Patients
14. Applying Emergency Care to Oncological Patients

#### **ILK233 TRAUMA (3+0+3+6)**

1. Course Description: Introduction, Aim and Learning Objectives
2. Applying the General Approach to Trauma Cases
3. Applying Emergency Care in External Bleeding
4. Emergency Care in Soft Tissue Injuries
5. Applying Emergency Care for Face and Neck Injuries
6. Applying Emergency Care in Spine Injuries
7. Visa Week



8. Applying Emergency Care for Chest Injuries
9. Applying Emergency Care for Abdominal Injuries
10. Applying Emergency Care in Limb Injuries
11. Applying Emergency Care to Special Trauma Cases
12. Multiple Traumas
13. Case Studies
14. Case Studies

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

1. The concept of training - Aerobic running exercises
2. The main purpose and main tasks of the training
3. The effect of training on the organism and its changes - Lower extremity strength exercises (without equipment)
4. The relationship between loading and resting in training - Lower extremity strength exercises (instrumented)
5. Measures of loading - Upper extremity strength exercises (without tools)
6. Aerobic training and flexibility exercises - Upper extremity strength exercises (instrumented)
7. Isometric working principles - Abdominal studies (individual)
8. Isometric working principles - Abdominal studies (individual)
9. The theory of body grip exercises - Abdominal exercises (paired)
10. The theory of reverse body grip exercises - Body grip exercises
11. Dynamic (isotonic) working principles-Reverse body holding exercises
12. The theory of concentric works Dynamic (isotonic) working principles
13. The theory of eccentric works - The theory of concentric works
14. Theory of force exercises with various tools-The theory of eccentric Works

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

1. What is Ethics? / A Look at Ethical Theories / Basic Concepts: Responsibility, Accountability and Obligation / Ethical Analysis
2. Society and Information Ethics: The Two Way Relationship Between Society and Technology Effects of Information Technologies; Optimistic, Pessimistic, Contextual Views Why Computing Ethics? The Mission of Informatics Ethics
3. Addiction, Health Problems, Unemployment, Social Relationships
4. Security, Abuse and Cybercrime
5. Human Rights and Patient Rights
6. Hospital Ethics Committees
7. Midterm Exam
8. Principles of Medical Ethics and Deontology
9. Principles of Medical Ethics and Deontology - Presentation
10. Ethical Case Study - Student Presentation
11. Ethical Issues and Ethical Decision-Making Process in Prehospital Emergency Care
12. Medical Ethical Dilemmas in Prehospital Emergency Care

13. Principles of Ethical Behavior in Prehospital Emergency Care

14. Patient Privacy in Pre-Hospital Emergency Care

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

**ILK200 VOCATIONAL PRACTICE II (0+16+8+14)**

1. Students will practice the theoretical knowledge they learned during the year in their internship areas for 14 weeks.

**ILK226 ADVANCED LIFE SUPPORT PRACTICES (2+4+4+7)**

1. Disaster, General Definitions, CBRN
2. Basic and Advanced Life Support
3. Emergency Case Management in Traumatized Patients
4. System Traumas
5. Case Studies
6. Environmental Emergencies – I
7. Environmental Emergencies – II
8. Case Studies
9. Triage
10. Crime Scene Management
11. Case Studies
12. Poisonings
13. Case Studies
14. Crush Syndrome

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

1. Health Law Introduction and Basic Concepts
2. Basic Concepts and Institutions of Health Law
3. Physician Rights and Physician Obligations
4. Patient Rights and Patient Obligations
5. Clarification and Consent in Health Law
6. Privacy in Medical Interventions
7. Visa
8. Unlawfulness of Medical Intervention Despite Consent
9. Interventions Without Medical Indication
10. Legal Characteristics of the Relationship Between the Hospital and the 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. Medical Malpractice and Compensation Issues
14. Medical Malpractice and Compensation Issues

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

1. The concept of training - Aerobic running exercises

2. The main purpose and main tasks of the training
3. The effect of training on the organism and its changes – Lower extremity strength exercises (without equipment)
4. The relationship between loading and resting in training - Lower extremity strength exercises (instrumented)
5. Measures of loading - Upper extremity strength exercises (without tools)
6. Aerobic training and flexibility exercises - Upper extremity strength exercises (instrumented)
7. Isometric working principles - Abdominal studies (individual)
8. Isometric working principles - Abdominal studies (individual)
9. The theory of body grip exercises - Abdominal exercises (paired)
10. The theory of reverse body grip exercises - Body grip exercises
11. Dynamic (isotonic) working principles-Reverse body holding exercises
12. Concentric working theory-Dynamic (isotonic) working principles
13. The theory of eccentric works - The theory of concentric works
14. Theory of force exercises with various tools-The theory of eccentric Works

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

1. What is Communication? History and Importance of Communication
2. Types, Dimensions and Characteristics of Communication
3. Forms of Communication
4. Effective Communication Methods
5. Institutional Communication in Health Institutions
6. Behaviors in Communication between Patient and Health Personnel
7. Midterm Exam
8. Communication with Patients with Some Special Conditions
9. Communication with Patients with Some Special Conditions
10. Communication with Patients' Relatives
11. Communication in Special Situations
12. Feedback, Request
13. Resolution of Communication Conflicts
14. Time Management

