

**FIRST AND EMERGENCY AID PROGRAM
2024-2025 COURSE CONTENTS**

1ST 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. Circulatory System
7. Digestive System
8. Digestive System
9. Urinary System
10. Genital System
11. Endocrine System
12. Nervous System
13. Nervous System
14. Sense Organs

FZY101 PHYSIOLOGY (2+0+2+2)

1. Introduction to Physiology and Homeostasis
2. Cell Physiology
3. Blood Physiology
4. Excitable Tissues
5. Musculoskeletal Physiology
6. Cardiovascular System Physiology
7. Cardiovascular System Physiology
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, Rules of Reading Terms
2. Prefixes, Suffixes
3. Types of Terms

4. Movement 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. Sense Organs Terms
14. Diagnostic Terms

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

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

ILK105 EMERGENCY HEALTH SERVICES I (BSEÇ) (2+0+2+5)

1. Definition and Historical Development of Emergency Health Services
2. Emergency Health Services in the World and Turkey
3. Task Flow and Functioning of Emergency Health Services3. Management, Task Flow and Operation in Emergency Health Services
4. Communication and Communication in Emergency Health Services
5. Technological Equipment Used in Emergency Health Services
6. Professional Duties and Responsibilities of Employees in Emergency Health Services
7. 112 Ambulance Services, Ambulances, Emergency Medical Vehicles
8. Ambulance Driving Protocols
9. Ensuring Crime Scene Safety and Personal Protective Equipment
10. Crime Scene Management, Emergency Case Management
11. Occupational Health and Safety for Paramedics

12. Hospital Emergency Services
13. Ethical Responsibilities and Medical Error in Emergency Health Services
14. Quality Management in Health Services

RKUL103 UNIVERSITY CULTURE I (USEC) (0+2+1+4)

1. Course Introduction
2. Seminar / Conference / Panel / Workshop / Interview
3. Seminar / Conference / Panel / Workshop / Interview
4. Seminar / Conference / Panel / Workshop / Interview
5. Seminar / Conference / Panel / Workshop / Interview
6. Seminar / Conference / Panel / Workshop / Interview
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10. Seminar / Conference / Panel / Workshop / Interview
11. Seminar / Conference / Panel / Workshop / Interview
12. Seminar / Conference / Panel / Workshop / Interview
13. Seminar / Conference / Panel / Workshop / Interview
14. Seminar / Conference / Panel / Workshop / Interview

ATA103 ATATURK'S PRINCIPLES AND HISTORY OF THE REVOLUTION I (2+0+2+2)

1. Concepts, Definitions, Course Methods and Description of Resources
- 2nd Industrial Revolution and French Revolution
3. Dissolution of the Ottoman Empire (XIX. Century)
- 4th Tanzimat and Reform Edict, I. and II. Constitutionalism
5. World I, Tripoli and Balkan Wars
6. Armistice of Mudros, Wilson Principles, Paris Conference
7. M. Kemal's Landing in Samsun and the Situation in Anatolia
- 8th Amasya Circular, National Congresses, Opening of the Parliamentary Assembly
9. Establishment of the Turkish Grand National Assembly and Internal Rebellions
10. Basic Organization Law, Establishment of the Regular Army
11. I. II. The Great Offensive with the Battles of İnönü, Kütahya-Eskişehir and Sakarya
12. Treaties During the War of Independence
13. Lausanne Peace Treaty
14. Abolition of the Sultanate

TURK103 TURKISH LANGUAGE I (2+0+2+2)

1. What is language? world languages, the place of Turkish among them and its historical development
2. Oral presentation exercises
3. Problems of Turkish today, accompanied by current texts
4. Writing "de", "ki" and "mi" with current texts

5. Problems with the spelling of Turkish words in the context of compiled texts
6. Text review: Review of a scientific article
7. Text review: Review of a scientific article
8. Applications regarding spelling rules and punctuation marks
9. Text review: Review of a column
10. Expression disorders, language errors and practices
11. Turkish as a scientific language accompanied by sample texts
12. Oral presentation exercises
13. Oral presentation exercises
14. Oral presentation exercises

INGU103 ENGLISH I (2+0+2+2)

1. Introduction, verb to be, subject pronouns
2. Demonstrative pronouns, countable/uncountable nouns, quantifiers
3. Simple present tense, adverbs of frequency
4. Object pronouns, possessive adjectives, have got/has got
5. -should, -malı, (must/mustn t) -able, -able (can/can t)
6. Simple Past Tense
7. Simple Past Tense
8. Unit review (Units 1-7)
9. Present tense
10. Conjunctions (and-but-so-because)
11. Comparisons
12. Unit review (Units 9-11)
13. General repetition
14. General repetition

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

1. Definition of Positive Psychology and Basic Concepts
2. Theoretical Foundations of Positive Psychology
3. Introduction to Social Cognitive Neuroscience, Cerebral Substructure of Social Behaviors
4. Positive Psychology Applications, Emotional Intelligence, Emotional Intelligence in Adults, Children and Youth, Marriage and Business Life
5. Self-Knowledge and Awareness
6. Recognition and Empathy of Others
7. Human-Centered Approach
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

2ND SEMESTER COURSE PLAN (THEORY + PRACTICE + CREDIT + ECTS)

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

1. Course Introduction; Introduction, Purpose and Learning Objectives

2. Asepsis Techniques

3. Administering Medicine

4. Administering Medicine

5. Medications Used Before Hospital

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

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

8. Evaluating Digestive System Diseases, Applying Digestive System Emergencies and Emergency Care

9. Evaluating Digestive System Diseases, Digestive System Emergencies and Applying Emergency Care

10. Evaluating the Approach to 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, Applying Emergency Care in Infectious Diseases

14. Evaluating Infectious Diseases, Applying Emergency Care in Infectious Diseases

ILK110 EMERGENCY HEALTH SERVICES II (BSSE) (2+4+4+5)

1. Ambulance Regulation (Land-Air-Sea), Paramedic Duty Authorizations and Definitions

2. Patient Transport Techniques

3. Stretchers (Detection - Transport Stretchers)

4. Stretcher Applications

5. Response Equipment

6. Response Equipment Applications

7. Detection Equipment

8. Detection Equipment Applications

9. Essential Patient Care Supplies

10. Bleeding and Shock

11. Environmental Emergencies

12. Environmental Emergencies

13. Practices and Group Work

14. Practices and Group Work

ILK122 RESUSITATION (2+2+3+5)

1. History of Resuscitation

2. Crime Scene Management

3. Emergency Case Management

4. Adult Basic Life Support Steps
5. Child/Infant Basic Life Support Steps
6. Medical Equipment and Medicines Used in Resuscitation
7. Suctioning, Airway Management
8. Advanced Airway (Endotracheal Intubation Application)
9. Advanced Airway (Supraglottic Devices)
10. ECG Introduction
11. Defibrillation
12. Advanced Life Support Steps
13. Resuscitation in Special Situations
14. Decision to Start Resuscitation, Death Decision Making and Ethics

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

1. Introduction to Pharmacology and Toxicology, Definition and General Concepts
2. Pharmacokinetics and Pharmacodynamics
3. Drug Administration Routes
4. Toxic Effects of Drugs
5. Anti-inflammatory and Analgesic Drugs
6. Antibiotics
7. Central Nervous System Drugs
8. Autonomic Nervous System Medications
9. Cardiovascular System Medications
10. Respiratory System Medications
11. Digestive System Medications
12. Endocrine System Drugs
13. Chemotherapeutics
14. Rational Drug Use

ATA104 ATATURK'S PRINCIPLES AND HISTORY OF THE REVOLUTION II (2+0+2+2)

1. Lausanne Peace Treaty and Its Evaluation
2. Revolutions in the Political Field, the Proclamation of the Republic and the Abolition of the Caliphate
3. Attempts at Transition to Multi-Party Political Life
4. Revolutions in the Field of Law
5. Revolutions in the Social Field
6. Revolutions in the Field of Education and Economy
7. Turkish Foreign Policy Between 1923-1938
8. Turkish Foreign Policy Between 1938-1950
9. Democratic Party Government and Adnan Menderes Period (1950 – 1960)
10. 1960 Coup d'état and Subsequent Political Developments
11. Turkish Domestic Politics in the Period 1980-2002

12. Basic Principles of the Turkish Revolution (Ataturk Principles and Integral Principles)
- 13 Ataturk Revolutions, Rationality and Scientific Thought; Republicanism and Populism
14. Nationalism and Statism; Secularism and Revolutionism

TURK104 TURKISH LANGUAGE II (2+0+2+2)

1. What is language? world languages, the place of Turkish among them and its historical development
2. Problems of Turkish today with current texts
3. Writing “de”, “ki” and “mi” with current texts
4. Problems with the spelling of Turkish words accompanied by compiled texts (combined
5. Text review: Review of a scientific article
6. Text review: Review of a scientific article
7. Applications regarding spelling rules and punctuation marks
8. Text review: Review of a column
9. Expression disorders, language errors and practices
10. Turkish as a scientific language accompanied by sample texts
11. Oral presentation exercises
12. Oral presentation exercises
13. Oral presentation exercises
14. Oral presentation exercises

INGU104 ENGLISH II (2+0+2+2)

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. General Review (units 1-5)
8. Possessive”s”,Adverbs of manners
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)

RKUL104 UNIVERSITY CULTURE II (USEC) (0+2+1+4)

1. Course Introduction
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6. Seminar / Conference / Panel / Workshop / Interview
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10. Seminar / Conference / Panel / Workshop / Interview
11. Seminar / Conference / Panel / Workshop / Interview
12. Seminar / Conference / Panel / Workshop / Interview
13. Seminar / Conference / Panel / Workshop / Interview
14. Seminar / Conference / Panel / Workshop / Interview

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

1. General First Aid Information
2. Human Body, Patient/Injured and Crime Scene Evaluation
3. Human Body, Patient/Injured and Crime Scene Evaluation
4. Basic Life Support (Basic Life Support in Adults)
5. Basic Life Support (Basic Life Support in Children and Babies), First Aid in Respiratory 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 for Disorders of Consciousness
10. First Aid in Poisoning
11. First Aid for Animal Bites
12. First Aid for Foreign Objects in the Eyes, Ears and Nose, First Aid for Drowning
13. First Aid for Fractures, Dislocations and Sprains
14. Patient/Injured Transport Techniques

3RD SEMESTER COURSE PLAN (THEORY + PRACTICE + CREDIT + ECTS)

ILK229 VOCATIONAL PRACTICE I (BSSE) (2+8+6+14)

1. Vital Signs
2. Vital Signs
3. Patient Evaluation
4. Patient Evaluation
5. Key Initiatives
6. Key Initiatives
7. Professional Skills and Practices
8. Professional Skills and Practices
9. Current Professional Developments and Practices
10. Current Professional Developments and Practices
11. Analytical and Critical Approach to Professional Problems
12. Analytical and Critical Approach to Professional Problems

13. Solution Suggestions for Professional Problems

14. Solution Suggestions for Professional Problems

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

1. Course Introduction: Introduction, Purpose and Learning Objectives

2. Evaluating Psychiatric Diseases

3. Applying Emergency Care in Psychiatric Diseases

4. Pregnancy and Pregnancy Complications

5. Helping Normal Labor

6. Postpartum and Postpartum Period Complications

7. Applying Emergency Care in Obstetric Emergencies

8. Applying Care in Gynecological Emergencies

9. Applying Care in Gynecological Emergencies

10. Evaluating Pediatric Patients

11. Providing Emergency Care to Pediatric Patients

12. Evaluating Geriatric Patients

13. Providing Emergency Care to Geriatric Patients

14. Providing Emergency Care to Oncological Patients

ILK233 TRAUMA (3+0+3+6)

1. Trauma Kinematics

2. Evaluation of the Trauma Patient

3. Emergency Case Management

4. Bleeding, Amputation and Wound

5. Head Trauma

6. Spinal Trauma

7. Chest Trauma

8. Abdominal Trauma

9. Extremity Traumas

10. Trauma in Pregnant Women

11. Pediatric Trauma

12. Geriatric Trauma

13. Polytrauma

14. Fixation Devices and Their Use in Trauma Patients

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

1. Training concept - Aerobic running exercises

2. The main purpose and main tasks of training

3. The effect of training on the organism and the changes it causes - Lower extremity strength exercises (without equipment)

4. Relationship between load and rest in training - Lower extremity strength exercises (with equipment)

5. Measurements of loading - Upper extremity strength exercises (without equipment)
6. Aerobic training and flexibility exercises - Upper extremity strength exercises (with equipment)
7. Isometric study principles - Abdominal studies (individual)
8. Isometric study principles - Abdominal studies (individual)
9. Theory of body grip exercises - Abdominal exercises (paired)
10. Theory of reverse body grip exercises - Body grip exercises
11. Dynamic (isotonic) training principles - Reverse body hold exercises
12. Theory of concentric work - Principles of dynamic (isotonic) work
13. Theory of eccentric studies - Theory of concentric studies
14. Theory of strength exercises with various tools - Theory of eccentric exercises

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. Social, Cultural Values and Environmental Awareness
3. Ethics of Science
4. Society and Information Ethics: Two-Way Relationship Between Society and Technology Effects of Information Technologies; Optimistic, Pessimistic, Contextual Views Why Information Technology Ethics? The Task of Information Ethics
5. Addiction, Health Problems, Unemployment, Social Relations
6. Security, Abuse and Cyber Crimes
7. Human Rights and Patient Rights
8. Hospital Ethics Committees
9. Principles of Medical Ethics and Deontology
10. Principles of Medical Ethics and Deontology
11. Ethical Issues and Ethical Decision Making Process in Prehospital Emergency Care
12. Medical Ethical Dilemmas in Prehospital Emergency Care
13. Principles of Ethical Conduct in Prehospital Emergency Care
14. Patient Privacy in Prehospital Emergency Care

4TH SEMESTER COURSE PLAN (THEORY + PRACTICE + CREDIT + ECTS)

ILK200 PROFESSIONAL PRACTICE II (0+16+8+14)

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

ILK226 ADVANCED LIFE SUPPORT APPLICATIONS (2+4+4+7)

1. Disaster, General Definitions, CBRN
2. Triage
3. Basic and Advanced Life Support Applications (Adult, Child, Infant)
4. Basic and Advanced Life Support Applications (Adult, Child, Infant)
5. Emergency Case Management in Trauma Patients
6. System Traumas
7. Crush Syndrome

8. Burn, Heat Emergencies
9. Dull, Hypothermia, Drowning
10. Poisoning and Other Environmental Emergencies
11. ECG Analysis
12. ECG Analysis
13. Tachycardia and Bradycardia Treatments
14. Approach to the Patient with Chest Pain

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

1. Health Law Introduction and Basic Concepts
2. Basic Concepts and Institutions of Health Law
3. Patient Rights and Concepts
4. Physician Rights and Obligations
5. Privacy in Medical Intervention
6. Information and Consent
7. Information and Consent
8. Unlawful Medical Intervention
9. Interventions Without Medical Indication
10. Legal Characteristics of the Relations Between the Hospital and the Patient
11. Legal Nature of the Relationship Between Private Hospitals and Patients
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 BODYBUILDING II (0+2+1+3)

1. Training concept - Aerobic running exercises
2. The main purpose and main tasks of training
3. The effect of training on the organism and the changes it causes – Lower extremity strength exercises (without equipment)
4. Relationship between load and rest in training - Lower extremity strength exercises (with equipment)
5. Measurements of loading - Upper extremity strength exercises (without equipment)
6. Aerobic training and flexibility exercises - Upper extremity strength exercises (with equipment)
7. Isometric study principles - Abdominal studies (individual)
8. Isometric study principles - Abdominal studies (individual)
9. Theory of body grip exercises - Abdominal exercises (paired)
10. Theory of reverse body grip exercises - Body grip exercises
11. Dynamic (isotonic) training principles - Reverse body hold exercises
12. Theory of concentric work - Principles of dynamic (isotonic) work
13. Theory of eccentric studies - Theory of concentric studies
14. Theory of strength exercises with various tools - Theory of eccentric exercises

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

1. What is Communication? Types and Dimensions of Communication
2. Communication Shapes
3. Effective Communication Methods
4. Corporate Communication in Healthcare Institutions
5. Behaviors in Communication between Patient and Healthcare Personnel
6. Communication with Patients with Special Conditions
7. Communication with Patient Relatives
8. Communication in Special Situations
9. Feedback, Requests
10. Teamwork
11. Communication Conflicts
12. Stress Management
13. Time Management
14. Career Management and Lifelong Learning