

## **OPERATION ROOM SERVICES PR.**

### **1st Semester**

#### **AHP 111 – Introduction to Anesthesia 6 ECTS**

To teach information about evaluation of the patient and preparation of the anesthesia, follow-up of the monitoring procedure, respiration and circulation physiology, airway opening methods, general anesthesia application.

#### **AHP 112- Surgical Diseases Information I 5 ECTS**

To give information about the diagnostic methods of surgical diseases, surgical incisions and wound closure techniques, surgery intervention method and treatment in diseases.

#### **AHP 113- Operating Room Technology 4 ECTS**

To give information about establishment of the operating room environment, preparation of the operating theater and usage of devices.

#### **AHP 114- Anatomy I 3 ECTS**

To give information about the anatomical structure and properties of human body.

#### **AHP 115- Medical Terminology 3 ECTS**

With this course, students will be able to understand the meanings, They will be able to easily understand and use these terms in their professional and everyday life.

#### **AHP 116- Occupational Ethics 3 ECTS**

This course will help students learn about the ethical concept and health professional ethics and find solutions to the problems they face in their professional life.

### **ATA 111- Ataturk's Principles and History of Turkish Revolution I 2 ECTS**

Teaching the military, political, economic and social events of the Ottoman Empire in the internal and external politics, the struggle for national liberation and the formation of the new Turkish Republic.

### **ING 111 - English I 2 ECTS**

Students will understand English effectively and use basic grammar of English Rules. Through this course, students will be able to interpret simple dialogues in English and use the new structures and words they have learned in their daily lives.

### **TURK 111 - Turkish Language I 2 ECTS**

To give information about language definition, role and importance in communication, verbal and written expression techniques in literary and scientific fields, writing rules and expression disorders.

## **2nd Semester**

### **AHP 121 - Operating Room Practices I 6 ECTS**

Operating Room Terminology, Asepsy-Antisepsis-Disinfection-Sterilization Concepts, Operating Room Processes and Functioning, Practices in the Operating Room

### **AHP 122- Surgical Diseases Information II 7 ECTS**

To give information about diagnostic methods of surgical diseases, surgical incisions and wound closure techniques, surgical intervention methods and treatments.

### **AHP 123- Sterilization Principles and Methods 5 ECTS**

Asepsis, Antisepsis, Disinfection, knowing sterilization concepts, providing sterilization for operating room and instruments, stabilizing sterilization, Preventing infection in the operating room.

**AHP 124- Anatomy II 3 ECTS**

Anatomy of the digestive system, anatomy of the urinary system, reproductive system, central nervous system anatomy, peripheral nervous system anatomy, sensory organs anatomy, endocrine system anatomy, topographic anatomy of head and neck region, topographic anatomy of abdomen.

**AHP 125- Physiology 3 ECTS**

Introduction to human physiology, tissue and systems, homeostasis, Muscular System, Nervous System, Cardiovascular System, Blood and Immune system, Respiratory System, Sensory System, Digestive System, Urinary System, Endocrine System and Reproduction

**ATA 121 - Ataturk's Principles and History of Turkish Revolution II 2 ECTS**

This course examines Atatürk's principles and reforms and the political developments after the Ataturk with the establishment process of the Republic of Turkey.

**ING 121 - English II 2 ECTS**

Students will be able to understand English, use it effectively and compare basic grammar rules of English. Through this course, students can comment on simple dialogues in English and use the new structures and words they have learned in their daily lives.

**TURK 121 - Turkish Language II 2 ECTS**

Proper use of punctuation marks in writing, development of plain text writing skills, listening and reading skills are taught.

### **3rd Semester**

#### **Operating Room Practices II 9 ECTS**

Improved technical characteristics of the materials used in the operating room, function, covers issues related to the use and maintenance.

#### **Infectious Diseases and Microbiology 5 ECTS**

To learn classifying microorganisms and some definitions of infectious diseases, transmission routes, factors, signs and symptoms and to gain information about the general factors related to the host and the environment.

#### **First Aid 3 ECTS**

First aid entry and general characteristics, evaluation of basic life function, respiratory and circulatory system, first aid injury, bleeding in first aid, shock and first aid, burns and first aid, poisoning and first aid, fracture-dislocations and sprains first aid, basic life support

#### **Compulsory Internship 5 ECTS**

The professional knowledge gained at the school, students will receive internships during the thirty working days at the end of the 2nd semester to ensure that they acquire new practical and technical skills, to acquire business skills, and to communicate effectively with other disciplines and administrators.

#### **Stress Management 3 ECTS**

To learn basic concepts about crisis and stress, what to do and how to do in crisis environment to teach that it should be managed, to give the awareness of controlling stress.

#### **Communication in Health 3 ECTS**

Basic concepts of Communication and Health Communication, Theories and Models of Communication, Target Audience, Campaign Process and Media Use

### **Quality and Accreditation in Health 2 ECTS**

Introduction to quality management, historical development of quality management in the world and in Turkey, basic concepts of quality management, quality control and quality assurance concepts, total quality management and elements, accreditation calibration concepts, evaluation of service quality (SERVQUAL), EFQM, JCI - quality standards (SKS Version 5), quality control circles, statistical quality control methods, examples of quality management applications in health services

### **4th Semester**

#### **Diseases Information 5 ECTS**

The system of the body and the basic knowledge of the diseases which are related to these systems are transferred to the students.

#### **Information and Communication Technology 4 ECTS**

Use computer at basic level (preparing documents, preparing tables, preparing presentations, using internet).

#### **Healthcare Management 3 ECTS**

The structure of the Health Services is the knowledge and skills related to the functions of the health institutions, office work, state administration bodies and administrative law, public personnel management.

#### **Basic Professional Skills 5 ECTS**

During his education and professional life he / she was informed during treatment and care of healthy /apply basic skills

#### **Applied Reanimation 6 ECTS**

In the direction of basic medical and ethical principles of anesthesia science and medicine, approach to patients, colleagues, institutional associations, risk perception and planning of measures, relevance of the equipment, maintenance, use, replacement. To have complete anatomical, pharmacological and physiological knowledge within the content of the subject. This information is the execution of the initiation, follow-up and termination of anesthesia in the light. Emergency intervention. Detection and resolution of changes in pathological dimension. Having the ability to see and avoid possible situations in the postanesthetic period and to record them all in line with legal requirements.

**Sign language 3 ECTS**

To learn the sign language used by hearing impaired individuals and to teach and to use this language when needed in social life.

**Vocational English 2 ECTS**

To address the basic concepts of professional English in the field of health, improve understanding skills, contribute to writing and speaking skills.

**Medical Biology 2 ECTS**

The aim of this course is; general concepts and functions of cell and hereditary material genetic mechanisms.