

ISTINYE UNIVERSITY
VOCATIONAL SCHOOL HEALTH SERVICES
DEPARTMENT OF ANESTHESIA
COURSE DESCRIPTIONS

1st SEMESTER

ANS111- Anesthesiology I | 6 ECTS

Teaching about the monitoring process, application areas of anesthesiology, the role and tasks of anesthesia technician, types of anesthesia and anesthetic agents.

ANS114- Introduction To Anatomy |3 ECTS

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

ANS112- Biochemistry | 3ECTS

With this course students will earn the features of basic biochemical mechanisms and by commenting on the problems they encounter in this area in their lives.

Pharmacology | 4 ECTS

The aim of this course is to enable students to learn basic pharmacological concepts and to have knowledge about the use of these concepts in professional life.

ANS113- Medical Terminology | 3 ECTS

By means of this course, students will be able to understand and use the meanings, spellings and readings of medical terms used in health fields and will be able to understand and use them in their professional and daily lives.

Medical Biology | 2 ECTS

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

ANS116– Occupational Ethics | 3 ECTS

The aim of the course is to provide the students with the knowledge and skills to solve the ethical and legal problems that they may encounter in their professional life.

ATA111- 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.

ING111 -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.

TURK111- 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

ANS121- Anesthesiology II | 4 ECTS

Anesthesiology and the basic medical and ethical principles. Risk perception and planning of measures. Supply, maintenance, use, replacement of equipment of interest.

To have complete anatomical, pharmacological and physiological information within the content of the subject. In the light of this information, initiation, follow-up and termination of anesthesia. Emergency response. Detection and resolution of pathological changes. To be able to see and prevent possible situations in post anesthetic period and to record all these according to legal requirements.

ANS122- Applied Anesthesia And Reanimation I | 7 ECTS

Anesthesiology and the basic medical and ethical principles. Risk perception and planning of measures. Supply, maintenance, use, replacement of equipment of interest.

To have complete anatomical, pharmacological and physiological information within the content of the subject. In the light of this information, initiation, follow-up and termination of anesthesia. Emergency response. Detection and resolution of pathological changes. To be able to see and prevent possible situations in post anesthetic period and to record all these according to legal requirements.

ANS115- Anesthetic Pharmacology | 5 ECTS

To give the or ethical information to the students about the properties, mechanisms and types of pharmacological agents used in anesthesia.

ANS123- Sterilization Principles And Methods | 5 ECTS

Asepsis, Antisepsis, Disinfection, Sterilization concepts, to provide sterilization of the operating room interior and equipment, stabilization of sterilization, prevention of infection in the operating room.

ANS124- 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

ATA121- Atatürk's Principles And History Of Turkish Revolution II | 2 ECTS

This course examines Atatürk's principles and reforms and the political developments after the Atatürk 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, developing the ability to write plain texts; Listening, and reading abilities.

3rd SEMESTER

ANS 212- Applied Anesthesia And Reanimation II | 7 ECTS

In the direction of advance medical and ethical principles of anesthesia science and medicine art, I approach to patients, colleagues, institutional associations. Students, respiratory disease and anesthesia, anesthesia in open heart surgery, will be dealt with issues such as anesthesia in neurosurgical surgery.

Infectious Diseases And Microbiology | 4 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.

ANS 214 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.

Manifest OF Istinye University I | 1 ECTS

After graduation of Istinye University students to increase their employability, social and life skills to help them discover and increase their skills. The Manifesto of Istinye University in different categories such as art, sports, career and so on. students participating in the activities are expected to report on the activities they attend. After the evaluation of the report prepared by the student center, the students are counted as past or repeated.

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.

STS211- 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.

SAİ211- Communication in Health | 3 ECTS

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

SKA211- 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

ANS222- Special Anesthesia Techniques | 5 ECTS

In this course, in diabetic patient's anesthesia, anesthesia in pediatric patients, will be dealt with issues such as anesthesia for ENT surgery.

ANS223- Advanced Life Support Applications | 5 ECTS

Information on providing advanced life support and are intended to gain the skills.

ANS224- Health Services Administration | 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.

ANS213- Information And Communication Technology | 4 ECTS

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

Manifest Of Istinye University II | 1 ECTS

After graduation of Istinye University students to increase their employability, social and life skills to help them discover and increase their skills. The Manifesto of Istinye University in different categories such as art, sports, career and so on. students participating in the activities are expected to report on the activities they attend. After the evaluation of the report prepared by the student center, the students are counted as past or repeated.

ANS224- Basic Professional Skills | 5 ECTS

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

ING221- 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.

ANS124- 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.