

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY



KTO KARATAY
ÜNİVERSİTESİ

KTO KARATAY UNIVERSITY VOCATIONAL SCHOOL OF HEALTHCARE SERVICES

ERASMUS+ Course Catalogue

for the academic year 2019/2020 Spring Semester

KONYA, 2019-2020

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

(ALPHABETICAL) LIST OF COURSES WITH CODES

KONYA, 2019-2020

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name- Anatomy-Course Code ANT 101

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE:3
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Cells, tissues, skeletal system, muscles and muscle physiology, forming the body muscles and function, nervous system, circulatory system, respiratory system, gastrointestinal system and all other organs and anatomy of the tissue. Digestive tract, digestive glands, abdominal anatomy, reproductive system anatomy, endocrine system, entry into the central nervous system: central nervous system, peripheral nervous system, autonomic nervous system anatomy, the enteric nervous system, visceral afferent fibers, sensory organs anatomy.	
EFFECTS OF EDUCATION PROCESS: Understanding the anatomy of the entire human system, anatomical information with clinical samples to support.	
LITERATURE (OPTIONAL): Yıldırım M. İnsan Anatomisi. Nobel kitabevi, İstanbul 2003. Arıncı K, Elhan A. Anatomi I, II. Güneş kitabevi, Ankara, 2003	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Zehra KORKUT- zehra.korkut@karatay.edu.tr	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Physiology -Course Code ANT111

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: the normal functioning of mechanisms related to human cells, organs, and as a whole and the relationship with one of these mechanisms, cell and general physiology, musculoskeletal physiology, blood physiology, heart and circulatory system, physiology, respiratory physiology, excretion physiology, digestive physiology reproductive and endocrine system, nervous system physiology.	
EFFECTS OF EDUCATION PROCESS: Identification of the human body located in organs and systems integrated in floors body's normal physiology	
LITERATURE (OPTIONAL): Tibbi Fizyoloji-Guyton&Hall- Nobel Kitapevleri	
TEACHING METHODS: Presantation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. M.Savaş TORLAK	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Medical Terminology -Course Code ANT121

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Basic terminology and general information, general terms, prefixes, roots, suffixes, drug classifications and medical terms related to anesthetic pharmacology, terms used in anesthesia and reanimation services terminology of instruments and equipment, medical terms related to respiratory and digestive systems, Medical terms related to constructive organs, medical terms related to urine, genital and endocrine system, medical terms such as eye, ear-nose-throat and gland, general terms and abbreviations.	
EFFECTS OF EDUCATION PROCESS: To acquire the knowledge, skills and competences necessary to pronounce, write, distinguish and use the medical terms related to the profession correctly.	
LITERATURE (OPTIONAL): Yüksekokullar İçin Tıbbi Terminoloji Ders Kitabı. Sebahat Ekinci. H. Gül Hatipoğlu. Hatipoğlu Yayıncılık. Tıbbi Terminoloji. Recep Mesut. Selman Çıkmaz. Nobel Tıp Kitapevi.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. İbrahim UĞURLU	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Internal Medicine-Course Code ANT131

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 3x14	ECTS TYPE: 3
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Introduction to Internal Medicine, fluid-electrolyte, acid-base balance, homeostasis, chronic diseases and care, cancer and care, respiratory system diseases and care, cardiovascular system diseases and care, blood diseases and care, musculoskeletal system diseases and care, kidney diseases and care, digestive system diseases and care, endocrine system diseases and care, nervous system diseases and care.	
EFFECTS OF EDUCATION PROCESS: To be informed about the diseases that can be seen frequently in an anesthesia patient and to be informed about the illnesses in case of such diseases.	
LITERATURE (OPTIONAL): Professor of Internal Medicine and Nursing Care Dr. Nuran Akdemir, Leman Birol, 2011	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Merve AŞKIN CERAN	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Anesthesia Applications I -Course Code ANT141

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 8x14	ECTS TYPE: 6
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading, researching and practical	
CONTENTS: History of anesthesiology and reanimation, role and duties of anesthesia technician; anesthesia vocational ethics, leadership and team work, life findings and measurement methods, preoperative evaluation; oxygen application methods, anesthesia and surgical terminology; patient positions and patient preparation, inhalation anesthetics; methods of administration, methods of disinfection and sterilization, neuromuscular blockers and antagonists; intravenous anesthetics; Intravenous fluid applications, opioid analgesics; transfusion of blood and blood products, complications that may develop after and after anesthesia, vasoactive agents; pharmaceutical calculations, anesthesia machine and circuits.	
EFFECTS OF EDUCATION PROCESS: To be informed about general anesthesia and reanimation applications	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji; G.Edward Morgan; çeviri editörleri: Prof.Dr.Melek Tulunay,Prof.Dr. Handan Cuhruk, ISBN: 978-975-277-164-2, Güneş Tıp Kitabevleri, 2008. - Klinik Anestezi: Prof.Dr.Zeynep Kayhan. ISBN: 975-349-042-9, Logos Yayıncılık. - Anestezi Yoğun Bakım Ağrı: Editör; Prof.Dr.Filiz Tüzüner: ISBN: 975-567-055-3 MN Medikal & Nobel 2010. - The ICU Book; Paul L. Marino: Çeviri editörleri: Doç.Dr.Kaya Yorgancı, Prof.Dr. Arzu Topeli İskit. ISBN: 978-605-5829-34-6. Palme yayıncılık 2009.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Health Policies - Course Code ANTS111

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2X14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: The health policy of health, the determinants of health policy, the health care services financing, the economic structure of the countries and health policies, the international health institutions and their working mechanisms, republican health politics, the state of health and priority issues in the world and our country, policy development and policy analysis, political action at country level, political action at the level of professional organizations for health personnel, country comparison in terms of primary health care services.	
EFFECTS OF EDUCATION PROCESS: This course is required to assess the impact of general health services and public health policy and the health level of knowledge and is intended to provide attitude.	
LITERATURE (OPTIONAL): Keyder Ç, Üstündağ N Ağartan T Yoltar Ç (2010) Avrupada ve Türkiyede Sağlık Politikaları / Reformlar – Sorunları. Tartışmalar, İletişim Yayınları. Ulusal ve Uluslararası (ülkelere Göre) Sağlık Politikaları, Toplum ve Hekim, 2006-2007-2008.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Merve AŞKIN CERAN	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Civilization Sufism and Karatay Madrasah - Course Code MED101

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 3X14	ECTS TYPE: 3
SEMESTER: Fall	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: This of the course will focus on the origins of the understanding of co-existence in Turkish-Islamic culture. In the harmonious and sustainable way of living together, the function of knowledge carried out by society will be examined. The concept of "madrasa" which is the place where the lesson is done will be analyzed and the Karatay Madrasa, the inspiration source of our university, will be analyzed with its socio-cultural dimensions.	
EFFECTS OF EDUCATION PROCESS: At the end of the course, the student will be able to learn how the Turkish-Islamic civilization gains fostering and collecting, how the Turkish-Islamic culture can provide the optimal benefit for the content of the Turkish-Islamic culture and that the culture of living together is not only day-to-day but also past and future.	
LITERATURE (OPTIONAL Ömer AKDAĞ, Türk Yenileşme Tarihi, Palet Yayınları, Konya 2011	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst.	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Anesthesia Devices and Equipments -Course Code ANT102

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 6x14	ECTS TYPE: 4
SEMESTER: spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Central air sterilization unit, surgical hemostasis devices, recording and documentation in the operating room, operating room instructions and protocols, operating theater and environmental safety, vacuum and aspirators, probe and air conditioner, recognition of drains, surgical instruments, surgical sutures and surgical consumables and monitors.	
EFFECTS OF EDUCATION PROCESS: The student will be able to use the anesthesia device to prepare the anesthesia device and auxiliary equipment. Know the physical structure and functional properties of the operating theater, know the technological tools and usage areas used in the operating room. Detailed information about the anesthesia device and other auxiliary devices used in the anesthesia will be given and related applications will be made.	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji, Morgan E, Çeviri Editörleri M. Tulunay ve H. Çuhruk, ISBN 978-975-277-164-2	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Pharmacology -Course Code ANT112

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 3
SEMESTER: Spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: General pharmacology, pharmaceutical forms, the autonomic nervous system pharmacology, pharmacology of the cardiovascular system, central nervous system pharmacology, antibiotics, drugs commonly used in anesthetic application	
EFFECTS OF EDUCATION PROCESS: This course is aimed at students; to gain basic knowledge and skills necessary for the selection and use of medicines related to the treatment of diseases. It is aimed to gain students basic knowledge about drugs commonly used in the field of anesthesia.	
LITERATURE (OPTIONAL): Prof.Dr.M.İ.Cingi.Prof.Dr.M.Erol.1991. Farmakoloji Eskişehir. Prof.Dr. İ.Dökmeçi. Sağlık Yüksek Okulları İçin Farmakoloji. Trakya Üniversitesi Tıp Fakültesi Farmakoloji	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Dr.Mustafa ÇALIK	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Anesthesia Applications II -Course Code ANT142

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 8x14	ECTS TYPE: 6
SEMESTER: spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading, researching and application	
CONTENTS: Local anesthetics, regional anesthesia methods (Spinal, Epidural, Csea, Csa, Caudal), intensive care general principles, airway and intubation, mechanical ventilation, shock types and treatment methods, traumatic anesthetic approach, coma and brain death, poisonings and drowning , basic life support, advanced life support, neonatal resuscitation, thermoregulation, malign hyperthermia.	
EFFECTS OF EDUCATION PROCESS: To be informed about general anesthesia and reanimation practices	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji; G.Edward Morgan; çeviri editörleri: Prof.Dr.Melek Tulunay,Prof.Dr. Handan Cuhruk, ISBN: 978-975-277-164-2, Güneş Tıp Kitabevleri, 2008. - Klinik Anestezi: Prof.Dr.Zeynep Kayhan. ISBN: 975-349-042-9, Logos Yayıncılık.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Surgical Diseases -Course Code ANT132

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 3x14	ECTS TYPE: 3
SEMESTER: Spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Surgical entry, asepsis, antisepsis, disinfection, sterilization. Nutrition and response to strase in surgical patient, wound healing. Fluid-electrolyte and acid-base balance, bleeding in surgery and transfusion therapy. Patient care before, during and after surgery. Postoperative complications and treatments. Surgical diseases of the cardiovascular system, surgical diseases of the respiratory system, surgical diseases of the digestive system, liver, bile ducts and pathways, pancreas, spleen diseases surgery, urinary system surgical diseases, surgical diseases of other systems and organs, anesthesia and intraoperative care, transfer of the patient to the post-anesthesia care unit (PACU), admission of the patient to the care unit, care unit requirements, removal criteria from the patient's care unit, organ transplantation.	
EFFECTS OF EDUCATION PROCESS: The main topics of the surgeon are asepsis-antisepsis, surgical diseases of the patients and surgical treatments specific to these diseases and to provide them with the ability to provide psychological support in the preoperative phase, to acquire knowledge about the most frequent complications in the surgical clinic, is the monitoring of the patient.	
LITERATURE (OPTIONAL): Cerrahi Hastalıkları Hemşireliği, Erdil F, Özhan Elbaş N., Ankara,2004. Dahili ve Cerrahi hastalıklarda Bakım Ed. A. Karadakovan, F. Eti Aslan, İstanbul, 2009.	
TEACHING METHODS: Presantation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Hatice BALCI	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Research Methods and Techniques - Course Code ANT162

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Selecting research subjects, Performing resource research, Evaluating research results, Converting research results to report form, Preparing presentation, Making presentations.	
EFFECTS OF EDUCATION PROCESS: Basic concepts related to scientific researches, classification of scientific researches, steps of research process, determination of research method, collection and analysis of data, and writing the research report.	
LITERATURE (OPTIONAL): Karasar, N. (2005). Bilimsel Araştırma Yöntemi. Ankara: Nobel Yayın Dağıtım. Büyüköztürk, Ş., Kılıç E., Akgün, Ö., Karadeniz Ş., Demirel, F., Bilimsel Araştırma Yöntemleri. 6. Baskı. Pegem Yayıncılık, Ankara.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name Summer internship - Course Code ANT122

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 8x4	ECTS TYPE: 4
SEMESTER: Spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: It is a practical application covering 20 working days in health care institutions and hospitals where the operating room unit is located.	
EFFECTS OF EDUCATION PROCESS: It is intended to use the information they have learned in theoretical and practical lessons in practice.	
LITERATURE (OPTIONAL): KAYHAN Esener Zeynep, Klinik Anestezi, Logos Yayıncılık, Ankara, 1997. ÖZATAMER Oya, Neslihan ALKIŞ, Yeşim BATIŞLAM, Dilek YÖRÜKOĞLU, Anesteziye Güncel Konular, Nobel Tıp Kitabevleri, 2002.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst.	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name First Aid and Emergency Care - Course Code ANTS102

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Spring	CLASS LEVEL: 1
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: First aid, emergency treatment, the first net assistant What are the main applications of first aid ? The first features that help crime scene and evaluation of the patient. basic life support and life saving chain. Have the ABC of first aid. external cardiac massage and artificial respiration. first aid in bleeding and bleeding. first aid in shock and shock. wounds and first aid for injuries. first aid for burns and burns, first aid in fractures. first aid in the skull and spinal injuries, poisoning first aid, first aid in drowning	
EFFECTS OF EDUCATION PROCESS: Natural disasters, accidents and life-threatening diseases such as sudden in extraordinary events, to prevent loss of life and injuries and minimal damage to people to enable them to get rid of these accidents; life-saving interventions residents, to gain the knowledge and skills to pass the regular and immediate application.	
LITERATURE (OPTIONAL): Somyürek, H. , İ. , Tabak, R. ,S. (2008). Temel İlk Yardım ve Acil Bakım.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Dr.Saniye Göknil ÇALIK	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Clinical Anesthesia I -Course Code ANT201

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 10x14	ECTS TYPE: 8
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading, researching and application	
CONTENTS: Anesthesia applications in different surgical fields, anesthesia applications in special cases and different anesthesia application techniques are included in the course.	
EFFECTS OF EDUCATION PROCESS: To gain knowledge and skills about operating methods of anesthesia in various situations in operating theater.	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji; G.Edward Morgan; çeviri editörleri: Prof.Dr.Melek Tulunay,Prof.Dr. Handan Cuhruk, ISBN: 978-975-277-164-2, Güneş Tıp Kitabevleri, 2008. - Klinik Anestezi: Prof.Dr.Zeynep Kayhan. ISBN: 975-349-042-9, Logos Yayıncılık.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst.	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Reanimation I -Course Code ANT211

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 10x14	ECTS TYPE: 8
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading, researching and application	
CONTENTS: The characteristics of reanimation unit and work organization, alternative airway methods, O2 application in aspiration and rehabilitation, prevention of infection in infections and preventable precautions, position change / compression wound, cannula / catheter care, stoma care, endotracheal tube care, oral care, hair and body care, enteral nutrition, parenteral nutrition, use of mechanical ventilator, monitor care, patient follow-up at reanimation unit, patient transfer at reanimation unit	
EFFECTS OF EDUCATION PROCESS: To be informed about general anesthesia and reanimation applications	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji; G.Edward Morgan; çeviri editörleri: Prof.Dr.Melek Tulunay,Prof.Dr. Handan Cuhruk, ISBN: 978-975-277-164-2, Güneş Tıp Kitabevleri, 2008. - Klinik Anestezi: Prof.Dr.Zeynep Kayhan. ISBN: 975-349-042-9, Logos Yayıncılık.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Hatice BALCI	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Microbiology -Course Code ANT221

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Introduction to microbiology and history, classification and cellular characteristics of microorganisms, mycoplasma, rickettsial and kalmidya, structure and general properties of viruses, fungi and characteristics, reproductive and nutritional needs of the bacteria, sterilization, disinfection, antisepsis, definitions and methods, production environment of microorganisms, microorganisms reproductive forms of microorganisms growth rate and periods, in vitro reproduction view of microorganisms, metabolism and enzymes of microorganisms, germs relations, microbiology of special environment (soil, air and water), the flora of various parts of the body related factors to cause disease microorganisms, antimicrobial chemotherapeutic agents, bacterial genetics, Bacteriophages, the organism's resistance and immunity against microorganisms, antigens (characteristics and varieties), antibodies (specifications and varieties), antigen-antibody interactions and serological reactions.	
EFFECTS OF EDUCATION PROCESS: Bacteria classification of morphological, anatomical structure, nutrition, physiology, metabolism, microbial genetics, the structure of the virus bacterial infection agents, classification and viral infectious agents, general characteristics of fungi, the general features of parasitic fungal infections agents and classification parasitic infectious agents, disinfection and sterilization methods of disease prevention control and prevention, epidemiology, body microflora, is a lesson given details of Immunology.	
LITERATURE (OPTIONAL): Başustaoğlu AC, Tıbbi Mikrobiyoloji. Çeviri. Atlas Kitapçılık, Ankara, 2010.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Prof.Dr.Birol ÖZKALP	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Health Law -Course Code ANT231

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Introduction to medical law, Patient rights, Physician rights and ways of seeking rights, The concept of health personnel and ethical committees, Forensic medicine institution, Organ and tissue transplantation, Clinical research, Conditions of medical suitability of medical intervention, Illumination and consent, Medical interventions appropriate to the patient, the obligations of the physician, the obligations of the patient, the legal nature of the relationship between the patient and the physician, the malpractice.	
EFFECTS OF EDUCATION PROCESS: In the field of medical law, the rights and obligations of health personnel and their legal responsibilities are examined in terms of criminal law.	
LITERATURE (OPTIONAL): Hakeri H. Tıp Hukuku. Seçkin Yayıncılık. 2012, ISBN: 978-975-02-193-4	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT):	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Professional Ethics -Course Code ANT241

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Ethical and moral concepts, ethical systems, factors that play a role in the formation of morality, professional corruption and consequences of unethical behavior in professional life, the concept of social responsibility.	
EFFECTS OF EDUCATION PROCESS: This course ethical principles in working life and raise the value of the connected elements and gain the ethical and legal problems of coping with life skills that can be encountered in the profession.	
LITERATURE (OPTIONAL): Etik. İonna Kuçuradi. Türk Felsefe Kurumu. İnsan ve Değerleri. İonna Kuçuradi. Türk Felsefe Kurumu.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Health Tourism -Course Code ANTS241

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 3
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Health tourism concept, health tourism market, health tourism industry. Treatment process, customer expectations in health tourism, quality in health tourism, security and risk. Legal and ethical issues in health tourism. Economic, social and institutional health tourism, the effects on the system: the country of origin. Impacts on the system: target country. health tourism in Turkey: a general framework and medical tourism, thermal tourism, tourism for the elderly and disabled. Researches in the field of health tourism. They should evaluate future health tourism research.	
EFFECTS OF EDUCATION PROCESS: The purpose of this course, knowledge of the concepts related to health tourism, examining the development of health tourism, health tourism sector and the examination of the analysis of Turkey and the world health tourism.	
LITERATURE (OPTIONAL): Türkiye Sağlık Vakfı ve Sağlık Turizm Derneği, Dünya’ da ve Türkiye’ de Sağlık Turizmi-2010 Durum Tespit Raporu ve Çözüm Önerileri.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Merve AŞKIN CERAN	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name :Presentation Techniques -Course Code ANTS221

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Fall	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Presentation and presentation types include planning presentation, preparing presentation, making presentation, evaluating presentation and evaluating student presentations.	
EFFECTS OF EDUCATION PROCESS: Students; it is aimed to prepare a presentation suitable for narrative purpose by reaching and compiling knowledge on a certain topic and to develop the ability to present it to a community.	
LITERATURE (OPTIONAL): Etkili Sunum Teknikleri; Prof.Dr.Demet Gürüz, Doç.Dr.Ayşe Temel Eğinli	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Clinical Anesthesia II -Course Code ANT202

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 10x14	ECTS TYPE: 8
SEMESTER: Spring	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading, researching and application	
CONTENTS: Anesthesia applications in different surgical fields, anesthesia applications in special cases and different anesthesia application techniques are included in the course.	
EFFECTS OF EDUCATION PROCESS: To gain knowledge and skills about operating methods of anesthesia in various situations in operating theater.	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji; G.Edward Morgan; çeviri editörleri: Prof.Dr.Melek Tulunay,Prof.Dr. Handan Cuhruk, ISBN: 978-975-277-164-2, Güneş Tıp Kitabevleri, 2008. - Klinik Anestezi: Prof.Dr.Zeynep Kayhan. ISBN: 975-349-042-9, Logos Yayıncılık.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst.	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Reanimation II -Course Code ANT212

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 10x14	ECTS TYPE: 8
SEMESTER: Spring	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading, researching and application	
CONTENTS: Aspiration pneumonia, acute and chronic renal insufficiency, reanimation dialysis, ultrafiltration, cardiopulmonary resuscitation, neonatal resuscitation, ECG reading, learning and interpretation, defibrillation-cardioversion, pain and pain management, sedoanalgesia, fluid-blood groups, blood products and transfusion management, acid-base balance physiology, physiopathology, modeling and management, blood gas monitoring, equipment, interpretation and management.	
EFFECTS OF EDUCATION PROCESS: To be informed about general anesthesia and reanimation applications	
LITERATURE (OPTIONAL): Klinik Anesteziyoloji; G.Edward Morgan; çeviri editörleri: Prof.Dr.Melek Tulunay,Prof.Dr. Handan Cuhruk, ISBN: 978-975-277-164-2, Güneş Tıp Kitabevleri, 2008. - Klinik Anestezi: Prof.Dr.Zeynep Kayhan. ISBN: 975-349-042-9, Logos Yayıncılık.	
TEACHING METHODS: Presentation and application	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst.	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Infectious Diseases -Course Code ANT222

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 3
SEMESTER: Spring	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Epidemiology of infectious diseases, general epidemiological principles in infectious diseases, causes of infectious diseases, microorganisms and virulence factors, host, defense mechanisms, immunization and treatment with vaccines and serum, urinary system infections, a group of beta-hemolytic streptococcal infections, tuberculosis of the lung and extrapulmonary organ , viral hepatitis, sexually transmitted diseases, acquired immunodeficiency syndrome and prevention, infectious complications of blood and blood product transfusion, blood-borne infections and health personnel, hospital infections and nosocomial infections, health personnel and handwashing, operating theater and surgical patients infections.	
EFFECTS OF EDUCATION PROCESS: Introduction to infectious diseases, general information, respiratory, urinary system, nervous system, skin, mucous and genital system infections, parasitic infections, surgical and surgical patients hospital infections, aims to provide information on its control of infectious diseases	
LITERATURE (OPTIONAL): Enfeksiyon Hastalıkları ve Klinik Mikrobiyoloji Türkçe Hastane İnfeksiyonları Kontrolü El Kitabı Türkçe - Enfeksiyon Hastalıkları. Prof. Dr. Halil Kurt, Prof. Dr. Sibel Gündeş, Prof. Dr. Mehmet Faruk Geyik. Nobel Kitapevleri.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Prof.Dr.Birol ÖZKALP	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Professional Ethics and Akhism -Course Code AHİ102

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 3x14	ECTS TYPE: 3
SEMESTER: Spring	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Professional ethics basic concepts, Ethics - professional relationships, ethics and ethical principles in anesthesia, business life ethics and unethical issues, professional corruption, ethics proper conduct of results, workplace ethics environment ensure, the workplace business ethics working in appropriate media Ahi concept, Akhism principles, Akhism components, Akhism social benefits.	
EFFECTS OF EDUCATION PROCESS: This derste is aimed to gain proficiency in professional ethics.	
LITERATURE (OPTIONAL): Arslan, M.(2001). İş Ve Meslek Ahlakı, Ankara: Nobel Yayın Dağıtım. Akdağ, Ö; Kurtuluş, M. (2016). Ahilik ve Meslek Ahlakı, Konya. KTO Karatay Üniversitesi Yayınları.	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst.	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Social Service Applications -Course Code ANT212

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 2
SEMESTER: Spring	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
<p>CONTENTS: Definition and importance of collective service practices, distribution of activities to students in the course. Identification of the current problems of the society, description of the project and information on project preparation stages, individual report, activity report and project report preparation.</p> <p>Discussing and working on the projects for solving the current problems of the society. Acquisition of basic knowledge and skills for the implementation of community service activities in schools. Execution and finalization of the projects.</p>	
EFFECTS OF EDUCATION PROCESS: To introduce society to the concept of volunteering; contributing to the personal development of our students by enabling them to share values, recognize and accept the different, adapt to differences, solve problems, be productive and creative, To help our students who deal with personal and daily problems meet with universal values of society, support social solidarity and develop the features of being "world people" with high values.	
LITERATURE (OPTIONAL): Bülent. A, Turhan.Ç ve Ömer S.(Edi.) (2009) Topluma Hizmet Uygulamaları, Pegem Yayıncılık, Ankara	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	

VOCATIONAL SCHOOL OF HEALTHCARE SERVICES – KTO KARATAY UNIVERSITY

Course Name: Nature and Environmental Awareness -Course Code ANTS242

FACULTY: Health Services Vocational School Department	CLASS TYPE: Associate Degree
NUMBER OF HOURS: 2x14	ECTS TYPE: 3
SEMESTER: Spring	CLASS LEVEL: 2
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: Reading and researching	
CONTENTS: Environmental and Ecology Definitions, Degradation of Natural Balance, Degradation of Ecological Balance, Factors Affecting Degradation of Ecological Balance (Urban Ecology, Population Growth, ..), Environmental Pollution and Classification, Air Pollutants and Air Pollution, Effect of Air Pollutants on Ozone Layer and Greenhouse Effect , Water Pollutants and Water Pollution, Important Parameters in Determination of Wastewater, Soil Pollution, Noise Pollution and Prevention, Effects of Other Pollutants on the Environment, Industrialization and Ecological Relations, Other Pollution Types and EIA Reports	
EFFECTS OF EDUCATION PROCESS: Environmental Pollution, its effects on human and other living beings, problems threatening our world and solutions for these, development of environmental awareness as an individual in students	
LITERATURE (OPTIONAL): Ecology and Environmental Problems. Yılmaz Muslu The Earth and Environmental Problems in Turkey . K. Başol	
TEACHING METHODS: Presentation	
ASSESSMENT METHODS: Midterm, Final	
LECTURER (NAME, EMAIL CONTACT): Teach. Asst. Özlem ERDEM	