

COURSE CONTENTS OF AUTOPSY ASSISTANTSHIP

ATATÜRK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I

-ATA101

Basic Concepts, Causes of Collapse of the Ottoman State, Turkish Renewal Movements, World War I, National Struggle.

ENGLISH I -INGU101

Markers; Prepositions: Place, Time, Motion, Singular and Plural Nouns: Countable and uncountable nouns; Times: tense, present continuous tense, past tense structures; Paradigms: Will, Should, Should not, Must, Must not, Can; Comparative structures; Pronouns: pronouns, possessive pronouns, adjectives, positive sentences, negative sentences and interrogative sentences; Conjunctions: And, But, When, because.

FORENSIC MEDICINE I (Crime Scene Investigation)- OTY107

Introduction to crime scene investigation, concepts of crime and crime scene, criminal investigations, concept of material evidence, crime scene investigation methods, case discussions, crime scene investigation, crime scene application.

ANATOMY - ANA101

General definitions related to anatomy and anatomy. Anatomy commonly used terms: motion system, nervous system, sensory organs, endocrine system, circulatory system, and the peripheral formations.

TURKISH LANGUAGE I- TURK101

What is language: the language of theories about the birth, language, culture and society relationship; Language Revolution: Turkish Language Association and the work of the World Languages: Language families of Turkish among the world languages; Turkey Turkish: Voice features, Morphology, Syntax, , Spelling, Punctuation, Correspondence: Resume, Application, letter, business letter, telegram.

MEDICAL DOCUMENTATION I - OTY105

Information and Document Medical Documentation Document - File Classification Types, Explanation of Information and Document What is information? Examples related to department., Introduction of information sources. Book / Dictionary / so. on. (In case of where to find the right information), Cataloging types for information and documentation. Example: Dewey system in libraries Examples from

archives. ,Patient files. Evaluation from the part of patient / institution / doctors / public health. Medical researchs, Patient files and related departments, Patient files arrangements, Forms in the Patient Files, Patient files - owner and information security, Patient files in government health institutions, Informations about legality for medical archives, Archiving and automatization in Health Institutions, ICD10 importance in medical archiving

POSITIVE PSYCHOLOGY AND COMMUNICATION - RPSI209

To help students learn about positive psychology and practices, and also to develop their own awareness, and to develop a positive perspective.

PHYSIOLOGY - FZY 101

Introduction to Physiology and Homeostasis, Cell physiology, Blood physiology, Excitable issues, Musculoskeletal System Physiology, Cardiovascular System physiology, Respiratory System Physiology, Respiratory System Physiology, Digestive System Physiology, Urinary System Physiology, Acid-Base Balance, Nervous System Physiology, Endocrine System physiology , Reproductive System physiology, Sensory System physiology

FIRST AID - ILK101

Description of first aid, the importance of the principles of the first aid kit. Bleeding. Shock and types. Injuries. CPR (Cardio-Pulmonary Resuscitation) Foreign body aspiration. Fractures, dislocations and sprains. Burns. Hot and cold exposure. Intoxications. Medical first aid cases

USE OF COMPUTER - OTY103

Information about computer usage and orientation, Description, History, Main Units, Ergonomic computer use, Operating Systems, Windows Xp, Macintosh use, Microsoft Word Word Processing Program, Microsoft Word Word Processing Program, Microsoft Excel spreadsheet program, Microsoft Excel spreadsheet program, Microsoft Excel spreadsheet program, Microsoft Powerpoint Presentation Program, Microsoft Powerpoint Presentation Program, Internet usage and outlook

ATATÜRK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II- ATA102

Political social, economic and cultural changes and developments caused by the restructuring of the state and society in line with the Atatürk's principles and revolutions which aimed at rising the Turkish Republic to the level of modern nations; evaluation of the internal and external political events with the aim of finding solution to current problems.

ENGLISH II- INGU102

The course covers daily, academic, and Professional communication skills; such as discussions, debates, and presentations that are required in their daily, academic and professional lives.

TURKISH LANGUAGE II- TURK102

This course provides the students with knowledge on the status and importance of language as a social structure of anation, language-culture relations, the place of Turkish among other languages with its historical development and spread.

AUTOPSY I - OTY102

Autopsy Definition, History of Autopsy, Anatomy and Terminology, Autopsy Techniques, Central Nervous System, Heart, Lungs , Anatomy of Neck Structures, Intestinal System Liver, Kidneys and Spleen, Pelvis , Neck – veins, Vessels - Abdominal, extremities

FORENSIC MEDICINE II - OTY104

Meeting and Introduction to Forensic Medicine , Introducing the Autopsy Unit and Its Attachments, Morgue Specialization Department Workflow Char,Tools and Devices Used in Autopsy, Duties and Responsibilities of Autopsy Technician, Discovery, Criminal Procedure Law, Burial, Examination of Dead , Changes of Postmortem, Braindeath, Biosecurity in Autopsy ,Postmortem Artifacts, Techniques of Autopsy, Minnesota Autopsy Protocol and Postmortem Interval

MEDICAL DOCUMENTATION II - OTY106

Medical Document, Documentation Definition, Legal Direction of Medical Documentation and historical, Legal Direction of Medical Documentation , Legal Direction of Medical Documentation, Medical correspondence, Forensic reports, Forensic Database and documantations, Documents and materials in report regulation , Reports of autopsy, Expertise reports, permit documents, Difficulties in archiving and automation

STERILIZATION PRINCIPLES - AML102

History of sterilization and disinfection, Microbiology, Serilization methods, Disinfection Methods, Factors affecting disinfection and sterilization, Agents causing damage to cell membrane and Antimicrobial chemistry, Surface active substances, Alcohols, Phenolic compounds, Substances affecting proteins, and Alkalies, Substances affecting nucleic acids

MEDICAL TERMINOLOGY – MYO 003

The aim of the Course administration, pre-and suffixes, medical terminology skeletal system, respiratory system medical terms, medical terms, Cardiovascular System, Ear, Nose and Throat medical terms, Eye of medical terms, medical terms Urology, Genitourinary System medical terms, medical terms Neurology and Psychiatry, Gastro -intestinal tract medical terms, medical terms Dermatology, Haematology medical terms.

AUTOPSY II - OTY201

Dead about Electricity , Minnesota, Deads about Burn, Postmortem Artifacts, Deaths about Explosive, Autopsy Techniques, Sudden Heart Death, Maternal Deaths, Malpractice, Newborn And Infant Deaths Deaths ,Child Abuse,Pregnancy-Related Deaths, Sexual Assault, Drug Death

POSTMORTEM SAMPLING I - OTY207

Security of Evidences, Evidence Delivery Procedure, Sealed Bag Making And Carton Closing, Sample Tubes, Routine toxicology, Toxicology-Special Conditions, Biology, Histopathology- Autopsy, Histopathology- Laboratory, Microbiology- Autopsy ,Microbiology Laboratory , Microbiology- Risky Autopsies, Physical Examinations, Shooting Wastes

FORENSIC MEDICINE III - OTY209

Asphyxies,, Hypothermia-Hyperthermia, Electric Injuries, Corpse in the Fire, Identification in Collective Deaths, Deaths about Explosive, Sharp Tool Injuries, Firearm Injuries, Blunt Traumatic Injuries, Motor Vehicle Accidents, Traumatic Infant Deaths, Age Determination in Forensic Medicine and Dead Birth-Live Birth

PHYSICAL EDUCATION AND BODYBUILDING – OTY 211

The concept of training, the main purpose and basic duties of training, the effect of training on the organism and the changes it creates, the relationship between loading and rest in training, the criteria of loading, aerobic training and flexibility exercises, aerobic training and flexibility exercises, isometric working principles abdominal studies (individual), eccentric -Centric study principles, body grip studies theory, reverse body grip studies theory, dynamic (isotonic) working principles, concentric studies theory, theory of eccentric studies, studies on force studies theory with various tools.

PROFESSIONAL ETHICS - MET101

What is Ethics, Society and Information Ethics: The Effects of Two-Way Relationship Information Technologies Between Society and Technology; Optimistic, Pessimistic, Contextual Views Why Information? The Task of Informatics, Security, Abuse, and Cybercrime, Human rights and Patient rights, medical ethics and principles, Ethical case analysis - student presentation, Autopsy and Ethics organ transplantation and Procedure of forensic cases , Violence against women, mobbing

HEALTH SERVICES ADMINISTRATION- SHY101

Definition of health, The determinants of health, Health care services, Determinants of Utilization of health care services, Classification of Health Services, Definition of Hospital, Health System Components, WHO Health System Topics, History of Turkish Health System, Health transformation program ,Definition and Characteristics of Management, Manager, Professional Manager, Management and Decision Making, Management Theories, Functions of Management: Planning, Functions of Management- Coordinating and Controlling

AUTOPSY III – OTY 210

Biosafety at Autopsy, Tafonomi, Postmortem Artifacts, Central Nervous System, Natural Mortality- Central Nervous System, Natural Deaths-Infectious Diseases, Natural Deaths Cardiovascular System, Newborn Deaths ,malpractice, Natural Deaths Central Nervous System Age determination in Forensic Medicine ,Deaths due to pregnancy, Negative Autopsies, Macroscopic Evaluation in Autopsy Practice, KBRN And Forensic Medicine, Drowning In Water

POSTMORTEM SAMPLING II – OTY 212

Heart Examination and Sampling, of Biological Examples, Brain Examination and Sampling, Basic Algorithms, Autopsy Protocols , Macroscopic and Microscopic Evaluation, Toxicological Sampling, grave opening, Entomology, Sexual Attacks, Sampling in Bone Examinations

POSTMORTEM IMAGING - OTY206

Radiation and Occupational Safety, Indications of Radiological Examinations in Autopsy, Imaging Methods in Autopsy, Anjio ,Virtopsi, Forensic photography, Use of Imaging Methods in Age Determination, Using Graphics in Identification, Crime scene Investigation

SUMMER INTERNSHIP - OTY999

Practice with theoretical information

CRIMINAL LABORATORY MANAGEMENT AND QUALITY ASSURANCE – OTY200

Evidence-based laboratories internal and external quality control, Quality assurance, ISO17025 principles, Personnel Management, Job distribution, Efficient working principles and Laboratory management.