

COURSE INFORMATION						
Course Title	Code	Semester	Lecture+Practice+Labrotory Hour	Credits	ECTS	
Forensic Medicine (Clinical Clerkship)	MED 517	Phase 5 / 9-10	48+8	2	2*	

\* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program

<b>Prerequisites</b>	The student that joins this course, should completed Phase 1, 2 , 3 and 4 courses of medical faculty.
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<b>Language of Instruction</b>	English
<b>Course Level</b>	Second Cycle including First Cycle Degree (One Tier Programme)
<b>Course Type</b>	Compulsory
<b>Course Coordinator</b>	Prof. Dr. Mehmet Akif INANICI, MD.
<b>The instructors</b>	Prof. Dr. Mehmet Akif INANICI, MD. Prof. Dr. Ahmet Yılmaz, MD. Asst. Prof. Fatih Hitami Usluoğulları MD.
<b>Assistants</b>	-
<b>Goals</b>	The course aims to equip the clerkship attendees with the necessary knowledge and skills on the evaluation and reporting of forensic cases.
<b>Content</b>	

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
<i>At the end of this clerkship, the student should be able to:</i>			
1. <b>explain</b> how to evaluate forensic cases and report cases.	1.1.1.	1,2,3	A,C
2. <b>describe</b> the fundamentals of forensic autopsy.	1.1.1.	1,2,3	A,C
3. <b>define</b> the cause, origin, and mechanism of death in forensic cases.	1.1.7.	1,2,3	A,C
4. <b>outline</b> the legal responsibilities in medical practice.	2.1.2.	1,2,3	A,C
5. <b>explain</b> the fundamentals of crime scene investigation and identification	2.4.3.	1,2,3	A,C
6. <b>perform</b> the physical examination of deaths.	1.1.4.	1,2,3	A,C

7. <b>manage</b> forensic death examination document filing.	2.1.2.	1,2,3	A,C
8. <b>examine</b> traumatized patients.	1.1.7.	1,2,3	A,C
9. <b>prepare an</b> expert report.	2.1.2.	1,2,3	A,C
10. <b>document</b> and <b>report</b> sexual crimes.	1.1.2., 1.1.3.	1,2,3	A,C
11. <b>respect</b> the privacy of patients and the deceased.	1.1.2., 2.5.1.	1,2,3	A,C
12. <b>display</b> empathy and effective communication.	2.5.2.	1,2,3	A,C
13. <b>do</b> the recognition and management of forensic cases.	1.1.7., 2.1.1.	1,2,3	A,C
14. <b>differentiate</b> Natural and Unnatural Deaths	3.1.2., 3.1.3.	1,2,3	A,C
15. <b>refer</b> to a specialist when necessary	2.4.3.	1,2,3	A,C

**Teaching Methods:** 1: Lecture, 2: Question-Answer, 3: Discussion

**Assessment Methods:** A: Testing B: Presentation C: Homework

COURSE CONTENT		
Week	Topics	Study Materials
1	<b>Introductory Session</b> (Introduction to Forensic Medicine)	Materials for the course provided by the the instructor
1	<b>Lecture</b> Forensic Medicine in Turkey and Other Main Countries	Materials for the course provided by the instructor
1	<b>Lecture</b> Legal Responsibilities and Liabilities of Physician	Materials for the course provided by the instructor
1	<b>Lecture</b> Complication Vs Malpractice	Materials for the course provided by the instructor
1	<b>Lecture</b> Forensic Sciences (Anthropology, Entomology, Toxicology, Ballistic, Document examination, etc.)	Materials for the course provided by the instructor

1 <b>Lecture</b> Forensic Sciences (Forensic Genetics)	Materials for the course provided by the instructor
1 <b>Lecture</b> Medicolegal approach to traumatized patients	Materials for the course provided by the instructor
1 <b>Lecture</b> Pathology of wounds	Materials for the course provided by the instructor
1 <b>Lecture</b> Pathology of wounds (Abrasion, Contusion, and Bruises)	Materials for the course provided by the instructor
1 <b>Lecture</b> Pathology of wounds(Laceration, Blunt Penetrating Injuries, Incised wounds)	Materials for the course provided by the instructor
1 <b>Lecture</b> Human Rights Violation and Torture	Materials for the course provided by the instructor
1 <b>Lecture</b> How to Prepare Expert Report (I)	Materials for the course provided by the instructor
1 <b>Lecture</b> Forensic Psychiatry (Legal Competence/Capacity)	Materials for the course provided by the instructor
1 <b>Lecture</b> Forensic Psychiatry (Criminal Responsibility)	Materials for the course provided by the instructor
1 <b>Lecture</b> Violence (to Healthcare Workers, Women, Children, Elderlies, Vulnerable Groups)	Materials for the course provided by the instructor
1 <b>Lecture</b> Violence (Mobbing, Cyberbullying, Peer Bullying,)	Materials for the course provided by the instructor
1 <b>Lecture</b> Child Abuse and Neglect	Materials for the course provided by the instructor
1 <b>Lecture</b> Sexual Abuse and Assault	Materials for the course provided by the instructor
1 <b>Lecture</b> Crime Scene Investigation	Materials for the course provided by the instructor
1 <b>Lecture</b> Forensic Aspects of Alcohol, Narcotic and Hallucinogenic Drugs	Materials for the course provided by the instructor
1 <b>Lecture</b> Poisoning	Materials for the course provided by the instructor
1 <b>Lecture</b> Pathophysiology of Death (Types of Death, The Indication of Death)	Materials for the course provided by the instructor
1 <b>Lecture</b> Pathophysiology of Death (Findings after The Death)	Materials for the course provided by the instructor
1 <b>Lecture</b> Pathophysiology of Death (Post Mortem Interval, Post Mortem Chemistry)	Materials for the course provided by the instructor
1 <b>Lecture</b> Head and Spinal Injuries	Materials for the course provided by the instructor
1 <b>Lecture</b> Chest and Abdominal Injuries	Materials for the course provided by the instructor
1 <b>Lecture</b> Transportation Injuries and Unintentional Childhood Injuries	Materials for the course provided by the instructor
1 <b>Lecture</b> Self Inflicted Injuries	Materials for the course provided by the instructor
1 <b>Lecture</b> Asphyxia 1 (Suffocation, Strangulation, Suffocation Gases)	Materials for the course provided by the instructor

1 <b>Lecture</b> Asphyxia 2 (Chemical Asphyxiants)	Materials for the course provided by the instructor
1 <b>Lecture</b> Sudden Death	Materials for the course provided by the instructor
1 <b>Lecture</b> Sudden Death in Infancy	Materials for the course provided by the instructor
1 <b>Lecture</b> Immersion Death	Materials for the course provided by the instructor
1 <b>Lecture</b> Electrical Fatalities	Materials for the course provided by the instructor
1 <b>Lecture</b> Gunshot and Explosion Deaths	Materials for the course provided by the instructor
1 <b>Lecture</b> How to Prepare Expert Report (II)	Materials for the course provided by the instructor
2 <b>Autopsy Practice*</b> (Forensic Council of Medicine)	Materials for the course provided by the instructor
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2 <b>Assessment Session</b>	Materials for the course provided by the instructor
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2 <b>Program Evaluation Session</b> Review of the Exam Questions, Evaluation of the Program	Materials for the course provided by the instructor

<b>RECOMMENDED SOURCES</b>	
<b>Textbook</b>	1-Knight's Forensic Pathology (Will be shared) 2- Birinci Basamakta Adli Tıp (Will be shared)
<b>Additional Resources</b>	Lecture notes

<b>ASSESSMENT</b>		
<b>Questions Types (Pencil-Paper Tests)</b>	<b>Proportion (in Pass/Fail Decision)</b>	<b>Questions Types (Pencil-Paper Tests)</b>
Multiple Choice Questions	%60	Multiple Choice Questions

<b>Total</b>	%60	<b>Total</b>
<b>Other Assessment Methods and Tools</b>	<b>Proportion (in Pass/Fail Decision)</b>	<b>Other Assessment Methods and Tools</b>
Evaluation of Student's Seminar (Without Checklist)	%40	Evaluation of Student's Seminar (Without Checklist)
<b>Total</b>	%40	<b>Total</b>
Pass/Fail Decision	<b>Proportion (in Pass/Fail Decision)</b>	Pass/Fail Decision
Pencil-Paper Tests	%60	Pencil-Paper Tests
Other Assessment Methods and Tools	%40	Other Assessment Methods and Tools
<b>Total</b>	%100	<b>Total</b>

<b>MATERIAL SHARING</b>	
<b>Documents</b>	Photocopy shareable.
<b>Assignments</b>	Not Shareable
<b>Exams</b>	Not shareable

<b>COURSE CATEGORY</b>	Expertise/Field Courses
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<b>COURSES CONTRIBUTION TO PROGRAM</b>					
<b>COMPETENCE AREA-1 / Professional Practices</b>	<b>Contribution</b>				
<b>COMPETENCE 1.1. Health Service Provider</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 1.1.1.</b> Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.				<b>x</b>	
<b>Competency 1.1.2.</b> Demonstrates a biopsychosocial approach that considers the individual's sociodemographic and sociocultural background without discrimination based on language, religion, race, or gender in patient management.					<b>x</b>
<b>Competency 1.1.3.</b> Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.					<b>x</b>
<b>Competency 1.1.4.</b> Performs the necessary actions in the direction of maintaining and improving the state of health as considering the individual, social, social and environmental factors affecting health.		<b>x</b>			
<b>Competency 1.1.5.</b> Provides health education to healthy/ill individuals and their families, as well as to other healthcare professionals, by recognizing the characteristics, needs, and expectations of the target audience.		<b>x</b>			
<b>Competency 1.1.6.</b> Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.					
<b>Competency 1.1.7.</b> Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.				<b>x</b>	

<b>Competency 1.1.8.</b> Provides healthcare services considering patient and employee health and safety.			x		
<b>Competency 1.1.9.</b> Considers changes related to the physical and socio-economic environment at both regional and global scales that affect health, as well as changes in the individual characteristics and behaviors of those who seek healthcare services.		x			
<b>COMPETENCE AREA-2 / Professional Values and Approaches</b>	<b>Contribution</b>				
<b>COMPETENCE 2.1. Adopting Professional Ethics and Principles</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 2.1.1.</b> Considers good medical practices while performing the profession.					x
<b>Competency 2.1.2.</b> Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the profession.					x
<b>Competency 2.1.3.</b> Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.			x		
<b>Competency 2.1.4.</b> Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.			x		
<b>COMPETENCE 2.2. Health Advocate</b>					
<b>Competency 2.2.1.</b> Advocates for the improvement of healthcare service delivery by considering the concepts of social accountability and social responsibility in the protection and enhancement of community health.			x		
<b>Competency 2.2.2.</b> Plans and implements service delivery, education, and counseling processes related to individual and community health, in collaboration with all stakeholders, for the protection and improvement of health.					
<b>Competency 2.2.3.</b> Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.					
<b>Competency 2.2.4.</b> Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.	x				
<b>COMPETENCE 2.3. Leader-Manager</b>					
<b>Competency 2.3.1.</b> Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.		x			
<b>Competency 2.3.2.</b> Utilizes resources in a cost-effective, socially beneficial, and compliant manner with regulations in the planning, implementation, and evaluation processes of healthcare services as the manager in the healthcare institution.	x				
<b>COMPETENCE 2.4. Team Member</b>					
<b>Competency 2.4.1.</b> Communicates effectively within the healthcare team and takes on different team roles as necessary.				x	
<b>Competency 2.4.2.</b> Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.				x	
<b>Competency 2.4.3.</b> Works collaboratively and effectively with colleagues and other professional groups in professional practice.				x	
<b>COMPETENCE 2.5. Communicator</b>					
<b>Competency 2.5.1.</b> Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.			x		
<b>Competency 2.5.2.</b> Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.	x				
<b>Competency 2.5.3.</b> Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.	x				
<b>COMPETENCE AREA-3 / Professional and Personal Development</b>	<b>Contribution</b>				
<b>COMPETENCE 3.1. Scientific and Analytical Approach</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

<b>Competency 3.1.1.</b> Plans and implements scientific research, as necessary, for the population it serves, and utilizes the results obtained, as well as those from other research, for the benefit of the community.					
<b>Competency 3.1.2.</b> Accesses and critically evaluates current literature related to their profession.		<b>x</b>			
<b>Competency 3.1.3.</b> Applies evidence-based medicine principles in the clinical decision-making process.		<b>x</b>			
<b>Competency 3.1.4.</b> Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.					
<b>COMPETENCE 3.2. Lifelong Learner</b>					
<b>Competency 3.2.1.</b> Manages effectively individual study processes and career development.	<b>x</b>				
<b>Competency 3.2.2.</b> Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career.		<b>x</b>			
<b>Competency 3.2.3.</b> Selects the right learning resources to improve the quality of health care and organizes the learning process.		<b>x</b>			

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION</b>			
Activities	Quantity/ day	Duration (Hour)	Total Workload (Hour)
Course Duration (1.5 week)	8	6	48
Hours for off-the-classroom study (Pre-study, practice, review/week)	8	1	8
Homework	4	2	8
Exam	1	1	1
<b>Total Work Load</b>			65
<b>Total Work Load / 30 (h)</b>			2.17
<b>ECTS Credit of the Course</b>			2