COURSE INFORMATION					
Course Title	Code	Semester	Lecture+Practice+Labrotory Hour	Credits	ECTS
Forensic Medicine (Clinical Clerkship)	MED 517	Phase 5 / 9-10	36+6	2	2*

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

Prerequisites	The student that joins this course, should completed Phase 1, 2, 3 and 4 courses of medical faculty.
---------------	--

Language of Instruction	English
Course Level	Second Cycle including First Cycle Degree (One Tier Programme)
Course Type	Compulsory
Course Coordinator	Assist. Prof. Sıtkı Tıplamaz, MD.
The instructors	Assist. Prof. Sıtkı Tıplamaz, MD.
Assistants	-
Goals	The course aims to equip the clerkship attendees with the necessary knowledge and skills on the evaluation and reporting of forensic cases.
Content	

Learning Outcomes At the end of this clerkship, the student should be able to:	Program Learning Outcomes	Teaching Methods	Assessment Methods
 explain how to evaluate forensic cases and report cases. 	1.1.3., 1.1.6.,	1,2,3	A,C
2. describe the fundamentals of forensic autopsy.	1.1.3., 1.1.6.,	1,2,3	A,C
3. define the cause, origin, and mechanism of death in forensic cases.	1.1.3., 1.1.6., 1.1.9.,	1,2,3	A,C
4. outline the legal responsibilities in medical practice.	1.1.12, 1.2.3., 2.1.1., 2.2.1., 2.2.2.,	1,2,3	A,C
5. explain the fundamentals of crime scene investigation and identification	1.1.3.,	1,2,3	A,C
6. perform the physical examination of deaths.	1.1.5., 1.1.7., 1.1.9.,	1,2,3	A,C

7. manage forensic death examination document filing.	1.1.12.,	1,2,3	A,C
8. examine traumatized patients.	1.1.5., 1.1.7., 1.1.9.,	1,2,3	A,C
9. <i>prepare an</i> expert report.	1.1.12.,	1,2,3	A,C
10. document and report sexual crimes.	1.1.12.,	1,2,3	A,C
11. respect the privacy of patients and the deceased.	2.5.2.,	1,2,3	A,C
12. <i>display</i> empathy and effective communication.	1.2.1., 1.2.4.,	1,2,3	A,C
13. do the recognition and management of forensic cases.	1.1.2., 1.1.3.,	1,2,3	A,C
14. <i>differentiate</i> Natural and Unnatural Deaths	1.1.6., 1.1.9.,	1,2,3	A,C
15. refer to a specialist when necessary	1.1.9., 1.2.2.,	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	Introductory Session (Introduction to Forensic Medicine)	Materials for the course provided by the the instructor		
1	Lecture Forensic Medicine in Turkey and Other Main Countries	Materials for the course provided by the instructor		
1	Lecture Legal Responsibilities and Liabilities of Physician	Materials for the course provided by the instructor		
1	Lecture Complication Vs Malpractice	Materials for the course provided by the instructor		
1	Lecture Forensic Sciences (Anthropology, Entomology, Toxicology, Ballistic, Document examination, etc.)	Materials for the course provided by the instructor		

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

1 Lecture Asphyxia 2 (Chemical Asphyxiants) 1 Lecture Sudden Death 1 Lecture Sudden Death in Infancy 1 Lecture Immersion Death 1 Lecture **Electrical Fatalities** 1 Lecture Gunshot and Explosion Deaths 1 Lecture How to Prepare Expert Report (II) 2 **Autopsy Practice*** (Forensic Council of Medicine) Autopsy Practice* (Forensic Council of Medicine) ² Assessment Session ² Assessment Session

2 Program Evaluation Session

Evaluation of the Program

Review of the Exam Questions,

Materials for the course provided by the instructor Materials for the course provided by the instructor

RECOMMENDED SOURCES		
Textbook	1-Knight's Forensic Pathology (Shared) 2- Birinci Basamakta Adli Tıp (Shared)	
Additional Resources	Lecture notes	

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

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

	MATERIAL SHARING
Documents	Photocopy shareable.
Assignments	Not Shareable
Exams	Not shareable

COURSE CATEGORY	Expertise/Field Courses

COURSE'S CONTRIBUTION TO PROGRAM								
	PODG.1. Basic Professional Competencies			Contribution				
	POD.1.1. Clinical Competencies	1	2	3	4	5		
PO.1.1.1.	values preventive health services, offers primary prevention (i.e. prevention of diseases for the protection of health), secondary prevention (i.e. early diagnosis and treatment) tertiary prevention (i.e. rehabilitation) and quaternary prevention (i.e. prevention of excessive and unnecessary diagnosis and treatment) services, provides consultancy on these issues.							
PO.1.1.2.	employs a patient-centered approach in patient management.					X		
PO.1.1.3.	recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.				X			
PO.1.1.4.	takes medical history from the applicant himself/herself or from the individual's companions.							
PO.1.1.5.	does general and focused physical and mental examination.				X			
PO.1.1.6.	interprets findings in medical history, physical and mental examination.				X			
PO.1.1.7.	employs diagnostic procedures that are used frequently at the primary health care level.		X					

PO.1.1.8.	selects tests that have evidence-based high efficacy at				
PO.1.1.9.	the primary health care level and interprets results.	T 7			
PO.1.1.9.	makes clinical decisions using evidence-based systematic data in health care service.	\mathbf{X}			
PO.1.1.10.	performs medical interventional procedures that are				
PO.1.1.10.	used frequently at the primary health care level.				
PO.1.1.11.	manages healthy individuals and patients in the				
	context of health care services.				
PO.1.1.12.	keeps medical records in health care provision and				X
	uses information systems to that aim.				2
	POD.1.2. Competencies related to Communication				
PO.1.2.1.	throughout his/her career, <i>communicates</i> effectively		X		
	with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care				
	givers, colleagues, other individuals, organizations and				
	institutions.				
PO.1.2.2.	collaborates as a team member with related			X	
. 0.1.1.2.12.	organizations and institutions, with other professionals			Λ	
	and health care workers, on issues related to health.				
PO.1.2.3.	recognizes the protection and privacy policy for health			X	
	care beneficiaries, co-workers, accompanying persons				
	and visitors.				
PO.1.2.4.	communicates with all stakeholders taking into				\mathbf{X}
	consideration the socio-cultural diversity.				
	POD.1.3. Competencies Related to Leadership and				
	Management				
PO.1.3.1.	manages and leads within the health care team in				
20122	primary health care organization.				
PO.1.3.2.	recognizes the principles of health management and				
	health sector economy, models of organization and financing of health care services.				
PO.1.3.3.	recognizes the resources in the health care service,				
PO.1.5.5.	the principles for cost-effective use.				
	POD.1.4. Competencies related to Health Advocacy				
PO.1.4.1.	recognizes the health status of the individual and the				
	community and the factors affecting the health,				
	implements the necessary measures to prevent effects				
PO.1.4.2.	of these factors on the health.				
PU.1.4.2.	recognizes and manages the health determinants including conditions that prevent access to health care.				
	POD.1.5. Competencies related to Research				
	robition competencies related to Research				
PO.1.5.1.	develops, prepares and presents research projects				
	POD.1.6. Competencies related to Health				
	Education and Counseling				
PO.1.6.1.	provides consultancy services and organizes health				
P 0.1.0.1.	education for the community to sustain and promote the				
	health of individual and community.				
	PODG.2. Professional Values and Perspectives				
	POD.2.1. Competencies related to Law and Legal Regulations				
PO.2.1.1.	performs medical practices in accordance with the legal				X
	framework which regulates the primary health care				4
	service.				
	POD.2.2. Competencies Related to Ethical				
	Aspects of Medicine				
PO.2.2.1.	recognizes basic ethical principles completely, and				\mathbf{X}
	distinguishes ethical and legal problems.				

PO.2.2.2.	pays importance to the rights of patient, patient's			v
PU.2.2.2.	relatives and physicians, and provides services in this			X
	context.			
	POD.2.3. Competencies Related to Social			
	and Behavioral Sciences			
PO.2.3.1.	relates historical, anthropological and philosophical			
	evolution of medicine, with the current medical practice.			
PO.2.3.2.	recognizes the individual's behavior and attitudes and			
	factors that determine the social dynamics of the			
	community.			
	POD.2.4. Competencies Related to Social			
PO.2.4.1.	Awareness and Participation leads community with sense of responsibility, behavior			
F 0.2.4.1.	and attitudes in consideration of individual behaviors			
	and social dynamics of the community, and if there is a			
	necessity, <i>develops</i> projects directed towards health			
	care services.			
	POD.2.5. Competencies Related to			
	Professional Attitudes and Behaviors			
PO.2.5.1.	displays a patient-centered and holistic			
	(biopsychosocial) approach to patients and their			
PO.2.5.2.	problems.	 	=-	
PU.2.5.2.	respects patients, colleagues and all stakeholders in health care delivery.		X	
PO.2.5.3.	displays the proper behavior in case of disadvantaged			
P 0.2.3.3.	groups and situations in the community.			
PO.2.5.4.	takes responsibility for the development of patient			
	safety and healthcare quality.			
PO.2.5.5.	evaluates own performance as open to criticism,			
	realizes the qualifications and limitations.			
	PODG.3. Professional Development and Self-Worth			
	PODG.3.1. Personal Development and Values			
PO.3.1.1.	embraces the importance of lifelong self-learning and			
PO.3.1.1.	implements.			
PO.3.1.2.	embraces the importance of updating knowledge and			
	skills; searches current advancements and improves			
	own knowledge and skills.			
PO.3.1.3.	uses English language at least at a level adequate to			
	follow the international literature and to establish			
	communication related to the profession.			
	POD.3.2. Competencies Related to Career			
PO.3.2.1.	Management recognizes and investigates postgraduate work			
FU.J.Z.1.	domains and job opportunities.			
PO.3.2.2.	recognizes the application requirements to	 		+ + -
	postgraduate work/job domains, and distinguishes			
	and plans any requirement for further training and			
	work experience.			
PO.3.2.3.	prepares a resume, and recognizes job interview			
	methods. POD.3.3. Competencies Related to			
	Protection and Development of Own Physical and			
	Mental Health			
PO.3.3.1.	implements the rules of healthy living.			
PO.3.3.2.	displays appropriate behavior specific to work under			+ + -
	stressful conditions.			
	uses self-motivation factors.			

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	
Total Work Load				
Total Work Load / 30 (I	h)		2.17	
ECTS Credit of the Cours	se		2	