



**MUĞLA SITKI KOÇMAN UNIVERSITY FACULTY of MEDICINE  
PHASE V  
ENGLISH MEDICINE PROGRAM**

**COURSE of FORENSIC MEDICINE  
2022/2023 Academic Year  
COURSE GUIDEBOOK**

**Course Code: 5001**

**Course Topic Code: MED5-ADL**

**\*This guide has been prepared by the Department of FORENSIC MEDICINE Course Purpose, Target, Outcomes, Training and Education Contents, Methods, Educational Activities, Measurement and Evaluation Techniques, Course Logbook, Program Qualifications Matrix, Matching the Courses with NCEP 2020, Matching the Courses with the Internship Objectives and Outcomes, Matching the Course Achievements with Measurement Techniques, Course Notification Form, Vertical/Horizontal Integration Status of Courses and Course Schedules were declared on 15.06.2022.**

# PREFACE

**Dear Students,**

Welcome to the Forensic Medicine course which is an important part of your education.

In this clerkship program, which is going to continue for 2 weeks of the Psychiatry-Child Psychiatry and Forensic Medicine internship block, which will last for 6 weeks. We aim to give the basic education of the clerkship program in all aspects of theoretical courses and practical applications. This guide describes what you will learn and perform during your clerkship, the rules you must follow in our clinic, and the working conditions. We wish you all success with the belief that this guide will guide you sufficiently through your clerkship studies.

**Department of Forensic  
Medicine**

## GENERAL INFORMATION on COURSE

<b>Course Title</b>	: Forensic Medicine
<b>Main Department of Course</b>	: Internal sciences
<b>Department Responsible for Course</b>	: Forensic Medicine
<b>Course Code</b>	: Med-5001
<b>Course Type</b>	: Required
<b>Duration of the Course</b>	: 2 weeks
<b>Teaching Method of the Course</b>	: Formal
<b>ECTS</b>	: 3
<b>Language</b>	: English
<b>Head of the department</b>	: <b>Prof. Dr. Yasemin Balcı</b>
 <b>Teaching Staff</b>	 :

Teaching Staff	Subject area	Theoretical Course duration (Hours)
Prof. Dr. Yasemin Balcı	Forensic Medicine	10
Prof. Dr. Ümit Ünüvar Göçeoğlu	Forensic Medicine	14

<b>Coordinator of the Department Education Program</b>	: Prof. Dr. Yasemin Balcı
<b>Coordinator of the Course Education Program</b>	: Prof. Dr. Yasemin Balcı
<b>Coordinator of the Course Examinations</b>	: Prof. Dr. Ümit Ünüvar Göçeoğlu
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## TEACHING METHODS-TECHNIQUES

1. Theoretical lessons
2. Learning Centered Teaching
  - a. Case-based discussion sessions
  - b. Student case reports,
  - c. Practical application at the bedside
  - d. Practical application at the bedside in the outpatient clinic
3. Interactive teaching

## PHYSICAL SPACES

Teaching Activity	Physical Space	Explanation
Theoretical lessons	Faculty of Medicine Building	A block- ground floor - A-Z22-A-Z23
Learning Centered Teaching practice Case reports Team presentations	Faculty of Medicine Building	A block- ground floor - A-Z22-A-Z23
Interactive educational activities Case-based discussion sessions		
Specific applications		
Report skills training on a trauma model	Faculty of Medicine Building	A block- ground floor - A-Z22-A-Z23
Policlinic	Training and Research Hospital	1st Floor Forensic Medicine Polyclinic
Case analysis	Training and Research Hospital	1st Floor Forensic Medicine Polyclinic
Autopsy	Muğla Forensic Medicine Department Morgue Department,	Muğla Forensic Medicine Branch Office- Yerkesik

## RELATED LEGISLATION

<http://www.tip.mu.edu.tr/tr/ilgili-mevzuat-6641>

## AIM(S) of the COURSE

1	In this course, it is aimed that the students become aware of their legal and medical responsibilities during their post-graduate medical life within the scope of the National CEP.
2	In this course, it is aimed that the students will be able to manage the judicial and/or psycho-social situations such as violence, neglect, abuse that they will encounter after graduation within the scope of the National CEP.

## OBJECTIVE(S) of the COURSE

1	To be able to explain the legal and judicial responsibilities of physicians.
2	To be able to recognize the lesions that occur in criminal events, to determine their characteristics and to report them.
3	To be able to explain the points to be considered in the discovery, crime scene investigation and autopsy in the most common forensic death cases.
4	To be able to manage and to make appropriate decisions in legal and judicial situations in health processes.
5	To be able to identify postmortem changes.
6	To be able to perform evaluation / preliminary evaluation of the examination of uncomplicated, common forensic cases, to be able to create the necessary plans, to inform the patient and their relatives/society about the implementation and process and results.
7	To be able to prepare and notify forensic reports of uncomplicated, common forensic cases.
8	To be able to clarify forensic cases and obtain consent.
9	To be able to distinguish the cases that require expertise and direct them to the right place.
10	To be able to issue death certificate.
11	To be able to obtain vaginal, cervical, and other necessary biological samples in uncomplicated, common forensic cases.
12	To be able to evaluate disease/trauma severity scoring.
13	To be able to determine legal capacity and consent capacity in uncomplicated, common forensic cases and to measure alcohol in breathing air.
14	To be able to solve ethical problems in uncomplicated forensic cases.
15	To be able to use communication skills that require interpersonal relations and teamwork related to forensic cases.

## INTENDED LEARNING OUTCOME(S)

<b>1</b>	Can explain the legal and judicial responsibilities of physicians.
<b>2</b>	Can recognize the lesions that occur in criminal events, to determine their characteristics and to report them.
<b>3</b>	Can explain the points to be considered in the discovery, crime scene investigation and autopsy in the most common forensic death cases.
<b>4</b>	Can manage and to make appropriate decisions in legal and judicial situations in health processes.
<b>5</b>	Can identify postmortem changes.
<b>6</b>	Can perform evaluation /preliminary evaluation of the examination of uncomplicated, common forensic cases, to be able to create the necessary plans, to inform the patient and their relatives/ society about the implementation and process and results.
<b>7</b>	Can prepare and notify forensic reports of uncomplicated, common forensic cases.
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<b>12</b>	Can evaluate disease/trauma severity scoring.
<b>13</b>	Can determine legal capacity and consent capacity in uncomplicated, common forensic cases and to measure alcohol in breathing air.
<b>14</b>	Can solve ethical problems in uncomplicated forensic cases.
<b>15</b>	Can use communication skills that require interpersonal relations and teamwork related to forensic cases.

# DUTIES AND RESPONSIBILITIES OF STUDENTS

Duration of clerkship is 2 weeks.

In addition to the theoretical courses, “patient practice” courses are carried out during the clerkship

Students are responsible for completing the clerkship log book for each application during the clerkship

During the course program (if no change is notified by the relevant faculty member during the clerkship period), students are expected to fully present for theoretical or practical application. According to the regulation, there is an attendance requirement of 70% in theoretical courses and 80% in applied courses in Phase V.

It is expected to be worn a white coat in all practical trainings.

A whatsapp group is formed and daily program follow-up via whatsapp.

All students are registered to the Forensic Medicine Internship Distance Education System from the Course Management System. Before the internship begins, students are expected to enter the system, obtain information about the curriculum, applications and assessment and be prepared for the internship by using the resources provided.

Every morning, the trainer announces via whatsapp the students will participate to the autopsy or polyclinic practice. Students are expected to fully participate in autopsy / polyclinic practices.

Autopsy is performed in Muğla Forensic Medicine Branch Office in Yerkesik. Transportation will be provided by the university service. The student representative is expected to communicate with the shuttle driver.

Polyclinic practice is performed Muğla Research and Training Hospital, Forensic Medicine Outpatient Clinic. Students are expected to be ready in the outpatient clinic at 8.30.

Students are responsible for completing the Clerkship logbook.

Writing a forensic report of a simulated case will be done on the trauma model.

Watching the educational film, short training videos together and discussion activities will be held at appropriate times during the internship.



## RECOMMENDED RESOURCE(S)

### KEY RESOURCE(S)

KEY RESOURCE(S)	Matched Course Outcome(s)
Birinci Basamakta Adli Tıp, Ed. Koç S, Can M. TTB İstanbul Tabip Odası Yayını, 2010.	1,2,3,4,6,7,8,9,10,11,12,13,14,15
Herkes İçin Adli Tıp Cep Kitabı, Balcı Y. Eskişehir Osmangazi Üniversitesi Yayınları, No: 148, 2008.	1,2,3,4,6,7,8,9,10,11,12,13,14,15
Anabilim Dalı Slayt ve Videoları	1,6,8,9,10,11,12,13,14,15

### ADDITIONAL RESOURCE(S)

ADDITIONAL RESOURCE(S)	Matched Course Outcome(s)
Articles and videos added to the Course Management System, which is the Distance Education System of our University	1,6,8,9,10,11,12,13,14,15

# ASSESSMENT and EVALUATION

## Assessment and Evaluation in the End of Course Evaluation Exam

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value for the End of Course Evaluation
Attendance to Classes		Compulsory	
Course Logbook		Compulsory	
Multiple Choice Theoretical Test Exam*	Written Theoretical Exam Consisting of Open-ended Questions		50
Practice Exam**	Simulated case - Dead examination report - 10 Simulated case - Forensic report - 10		20
Structured Oral Examination***	Under the supervision of at least two faculty members		20
Course Logbook	Performance evaluation		10
<b>Total</b>			<b>100</b>

## Availability of Course Logbook, Place of Internship Report in Course Assessment and Evaluation Principles

For the right to take the written exam, the student must be evaluated as "adequate" from the criteria specified in the internship report.

## Existence of Attendance Requirement and Its Place in Course Assessment-Evaluation Principles

It is stated at the beginning of the course that the student who is absent from the courses will not be taken to the written exam.

### The Effect of the Assessment and Evaluation Methods to be Applied on the Success Status at the End of the Course

In order to be successful in the internship, it is required to get at least 60 points at each stage of the internship exams. A student whose score is 59 and below in an assessment-evaluation technique is not allowed to participate in the other exam phase.

**1 st stage:** Written Theoretical Exam Consisting of Open-ended Questions

**2 nd stage:** Structured Oral Examination + Structured Practice Examination (forensic report and dead examination report, evaluation of individual's performance).

### Assessment and Evaluation in Resit Examination

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value at the End of Course Evaluation
Multiple Choice Theoretical Test Exam*	Multiple choice questions		
Structured Oral Examination**	Under the supervision of at least two faculty members	4 structured questions	100
<b>Total</b>			<b>%100</b>

### Assessment and Evaluation in Single Course Resit Exam

Assessment and Evaluation Method	Explanation	Role in the End of Course Evaluation	% Value at the End of Course Evaluation
Multiple Choice Theoretical Test Exam*	Multiple choice questions		
Structured Oral Examination**	Under the supervision of at least two faculty members	4 structured questions	100
<b>Total</b>			<b>%100</b>

## COURSE LOGBOOK

**STUDENT'S NAME AND SURNAME :**

**STUDENT'S SCHOOL NO :**

**COURSE PERIOD :**

APPLICATION	NCEP Clause	TEACHING STAFF (SIGNATURE)
<b>DATE</b>		
1.Taking anamnesis	THU: C-1 THU: C-7 THU: E-2	
2.Taking the event history	THU: C-1 THU: C-7 THU: E-2	
3.Interview with the forensic case	THU: C-1 THU: C-7 THU: E-2	
4.Forensic case examination	70 THU: E-23	
5.Interview with the child case	341	
6.Participation in autopsy	340 THU: B-18 THU: D-1	
7.Dead examination	340 THU: C-6	
8.Issue a death certificate	340 THU: C-6	
9.Definition of postmortem changes	340 THU: B-18	
<b>DECISION:      PASS                      FAIL</b>		
<b>Head of Department or Coordinator:</b>		
<b>Date:</b>		
<b>Signature:</b>		

**Faculty of Medicine**  
**English Medicine Program**  
**Phase V**  
**FORENSIC MEDICINE COURSE**  
**Competence Matrix**

The Name of the Course	Py1	Py2	Py3	Py4	Py5	Py6	Py7	Py8	Py9	Py10	Py11	Py12	Py13
Forensic Medicine	4	5	4	4	1	5	5	1	1	1	1	4	3

\* Completed according to the following program outcomes. (Score from 0 to 5.)

PO: Program Outcomes of Faculty of Medicine

PO Link: <https://muweb.mu.edu.tr/tr/program-yeterlilikleri-6598?site=tip.mu.edu.tr>

## TRAINING ACTIVITY AND ASSESMENT AND EVALUATION METHODS MATCHING OF COURSE GAINS

Intended Learning Outcome	TRAINING ACTIVITY MATCHING	ASSESSMENT AND EVALUATION METHODS MATCHING
1.Can explain the legal and judicial responsibilities of physicians.	T, S	P,S,T
2.Can recognize the lesions that occur in criminal events, to determine their characteristics and to report them.	S, P	P,T
3.Can explain the points to be considered in the discovery, crime scene investigation and autopsy in the most common forensic death cases.	T,S	P
4.Can manage and to make appropriate decisions in legal and judicial situations in health processes.	T,S,P	P
5.Can identify postmortem changes.	T,P	P
6.Can perform evaluation / preliminary evaluation of the examination of uncomplicated, common forensic cases, to be able to create the necessary plans, to inform the patient and their relatives/society about the implementation and process and results.	T,S,MBL	P,S,T
7.Can prepare and notify forensic reports of uncomplicated, common forensic cases.	T,S	P
8.Can clarify forensic cases and obtain consent.	S,T	P,S,T
9.Can distinguish the cases that require expertise and direct them to the right place.	T,S	T,S,P
10.Can issue death certificate.	T,S	T,S
11.Can obtain vaginal, cervical, and other necessary biological samples in uncomplicated, common forensic cases.	T,S	T,S
12.Can evaluate disease/trauma severity scoring.	P	P
13.Can determine legal capacity and consent capacity in uncomplicated, common forensic cases and to measure alcohol in breathing air.	T,S,OS	P,T,S
14.Can solve ethical problems in uncomplicated forensic cases.	OS	P
15.Can use communication skills that require interpersonal relations and teamwork related to forensic cases.	T,S	P,T,S
<p><b>Abbreviations</b>  <b>Teaching Activity:</b> Theoretical lessons (T), Visit (V), Case report (CR), Clinical picture discussion-Outpatient clinic (C), Vocational skills lab (VSL), Radiological evaluation (R), Laboratory evaluation (L), Presentation (Pr)  <b>Assessment Method:</b> Practical - Logbook (P-L), Oral exam (OE), Theoretical exam (TE)</p>		

**INFORMATION AND MATCHING TABLE ON THE THEORETICAL AND PRACTICAL COURSES IN THE INTERNSHIP TO BE INCLUDED IN THE 2022- 2023 ACADEMIC YEAR COURSE POGRAM**

Lecture Code*	Hour	Lecture Type	Lecture Subject	Course Aim Matching	Course Learning Outcome Matching	Activity Matching**	Assessment and Evaluation Method matching **	Vertical Integration	Horizontal Integration
ME D5-ADL 001		T	Definition of death, diagnosis, legal dimension, dying individual-grief	1	2,3,5, 10, 15	T,P r	P-L		
ME D5-ADL 002		T	Discovery of the dead, burial procedures, the ability to issue a death certificate	1	2,3,5, 10, 15	T,P r, CR	P-L		
ME D5-ADL 003		T	Crime scene Investigation	1,2	2,3,5, 7, 11	T,P r	OE		
ME D5-ADL 004		T	Autopsy, Material acquisition at autopsy, evidence collection	1,2	2,3,5, 6,7,10, 11	T,P r	OE		
ME D5-ADL 005		T	Postmortem changes, Postmortem interval	1,2	6	T,P r	OE, TE, P-L		
ME D5-ADL 006		T	Asphyxia-related deaths	1,2	2,3,5, 6,7,8, 9, 10	T,P r	OE, TE		Phase 5- Anesthesiology Course
ME D5-ADL 007		T	Deaths due to thermal injuries (freezing-heat shock-electric shock, fire environment)	1,2	2,3,5, 6,7,8, 9, 10	T,P r	OE, TE		Phase 5- Anesthesiology Course
ME		T	Concept of forensic case,	1,2	1,3,5,	T,P	OE,		

D5-ADL 008			forensic case examination, forensic reports, forensic case reporting		8	r, CR, VS L	TE, P-L		
ME D5-ADL 009		T	Forensic Traumatology, Wounds (with mechanical impact, with firearms)	1,2	2,3,5, 12, 13	T,Pr, CR, VS L	OE, TE, P-L	Phase 3 Pathology	
ME D5-ADL 0010		T	Accidents (home-work-traffic accidents-electric shock-fall-suffocation), Disability concept	1,2	2,3,5, 12, 13	T,Pr	OE, TE	Phase 3 Pathology	
ME D5-ADL 0011		T	Violence (Domestic, against the elderly, At the workplace, against healthcare workers, mobbing, Against women, Child neglect and abuse, Child and infant deaths, Sexual assaults, Human rights violations) Istanbul Protocol)	1,2	2, 3	T,Pr	OE, TE		
ME D5-ADL 0012		T	Health Law, Risk Management, Legal and Ethical Situations of Physicians	1	1,4,5, 15	T,Pr, CR	OE, TE		
ME D5-ADL 0013		T	Legal and Ethical Responsibility, Medical Malpractice, Informed Consent	1	1,4,5, 15	T,Pr, CR	OE, TE		
ME D5-ADL 0014		T	Conceptual discussion on gender equality, sexual orientation, gender identity	1,2	4,5, 14	Pr	OE		
ME D5-ADL 0015		T	Forensic Psychiatry	1,2	13,14, 15	T,Pr	OE, TE		Phase 5- Psychiyatry Course
ME D5-ADL 0016		T	Forensic medicine aspect of poisoning, Forensic Toxicology, Alcohol and Substance abuse problems	1,2	2,3,5, 7,8,9, 11	T,Pr	OE, TE		Phase 5- Anesthesiology Course, Psychiyatry Course
ME		T	General evaluation	1,2	1, 2, 3, 4,	T	P-L		



D5-ADL0017					5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15				
ME D5-ADL0018		P	Autopsy	1,2	2,3, 6	CR, VS L	P-L		
ME D5-ADL0019		P	Head inspection	1,2	2,3, 6	CR, VS L	P-L		
ME D5-ADL0020		P	Interview with forensic case, examination	1,2	1,3,5, 8	C	P-L		
ME D5-ADL0021		P	Writing a forensic report	1,2	1,3,5, 8	CR, VS L	P-L		
<p><b>EXPLANATIONS:</b>  * Lecture code will be formed by writing 001, 002,... at the end of the code taken from the "Codes for Phase 5 matrix" section.  <b>**Abbreviations</b>  <b>Teaching Activity:</b> Theoretical lessons (T), Visit (V), Case report (CR), Clinical picture discussion-Outpatient clinic (C), Vocational skills lab (VSL), Radiological evaluation (R), Laboratory evaluation (L), Presentation (Pr)  <b>Assessment Method:</b> Practical - Logbook (P-L), Oral exam (OE), Theoretical exam (TE)</p>									