



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

**COURSE of Emergency Medicine  
2022/2023 Academic Year  
COURSE GUIDEBOOK**

**Course Code: 5002**

**Course Topic Code: MED 5 ACT**

**\*This guide has been prepared by the Department of Emergency 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 Course 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 Emergency Medicine course which is an important part of your education.

In this course program, which is going to continue for 2 weeks, we aim to give the basic education of the course program in all aspects of theoretical courses and practical applications. This guide describes what you will learn and perform during your course, 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 course studies.

**Department of Emergency Medicine**

## GENERAL INFORMATION on COURSE

**Course Title** : *Emergency Medicine*  
**Main Department of Course** : Surgical Sciences  
**Department Responsible for Course** : *Emergency Medicine*  
**Course Code** : 5002  
**Course Type** : Required  
**Duration of the Course** : 2 weeks  
**Teaching Method of the Course** : Formal  
**ECTS** : 3  
**Language** : English  
**Head of the department** : **Assoc. Prof. Dr. Ethem ACAR**

**Teaching Staff** :

Teaching Staff	Subject area	Theoretical Course duration (Hours)
<b>Assoc. Prof. Dr. Yalçın GÖLCÜK</b>	Emergency Medicine	20
Assist. Prof. Dr. Kıvanç KARAMAN	Emergency Medicine	20
Assist. Prof. Dr. Ahmet DEMİR	Emergency Medicine	12

**Coordinator of the Department Education Program** : **Assoc. Prof. Dr. Ethem ACAR**  
**Coordinator of the Course Education Program** : Assist. Prof. Dr. Kıvanç KARAMAN  
**Coordinator of the Course Examinations** : Assist. Prof. Dr. Kıvanç KARAMAN  
**Coordinator of Course Assessment and Evaluation** : Assist. Prof. Dr. Kıvanç KARAMAN

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## TEACHING METHODS-TECHNIQUES

1. Theoretical lessons
2. Learner 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	Classrooms in the Training and Research Hospital assigned to the course	
Inpatient bedside practice		Adult Emergency Service of Training and Research Hospital- first floor
Policlinic		Adult Emergency Service of Training and Research Hospital- first floor
Case analysis		
Problem-based teaching		
Special audit applications		
Private field applications		

## 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 gain skills, experience, and the ability to apply at the best level on emergency medical approaches within the scope of the National CEP.
2	In this course, it is aimed that the students gain sufficient knowledge, skills and attitudes to evaluate the symptoms and findings of patients who apply to the emergency department, to create / implement / monitor a treatment plan, and to ask for consultation when necessary.

## OBJECTIVE(S) of the COURSE

1	To be able to obtain the history of patients admitted to the emergency department.
2	To be able to perform emergency examinations of patients admitted to the emergency department.
3	To be able to recognize and respond to emergencies.
4	To be able to explain the differential diagnosis, diagnosis and treatment principles of patients who applied to the emergency department, and to make triage if necessary.
5	To be able to respond to multiple trauma patients admitted to the emergency department.

## INTENDED LEARNING OUTCOME(S)

1	Can obtain the history of patients admitted to the emergency department.
2	Can perform emergency examinations of patients admitted to the emergency department.
3	Can recognize and respond to emergencies.
4	Can explain the differential diagnosis, diagnosis and treatment principles of patients who applied to the emergency department, and to make triage if necessary.
5	Can respond to multiple trauma patients admitted to the emergency department.

# DUTIES AND RESPONSIBILITIES OF STUDENTS

Duration of course is 2 weeks.

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

Students are responsible for completing the course logbook for each application during the course.

During the course program (if no change is notified by the relevant faculty member during the course 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.



# RECOMMENDED RESOURCE(S)

## KEY RESOURCE(S)

KEY RESOURCE(S)	Matched Course Outcome(s)
1.Tintinallis Emergency Medicine A Comprehensive Study Guide, 9th Edition	1,2,3,4,5
2.Clinical Emergency Medicine (Lange)	1,2,3,4,5
3.Rosen's Emergency Medicine A Comprehensive Study Guide, 8th	1,2,3,4,5

## ADDITIONAL RESOURCE(S)

ADDITIONAL RESOURCE(S)	Matched Course Outcome(s)

# ASSESSMENT and EVALUATION

## Assessment and Evaluation Methods 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*	Multiple choice questions		100
Bedside Clinical Practice Exam**			
Structured Oral Examination***	Under the supervision of at least two faculty members		
<b>Total</b>			<b>100</b>

## Availability of Course Logbook, Place of Course 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 course 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 course, it is required to get at least 60 points at each stage of the course 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:** Multiple Choice Theoretical Test Exam

### 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
<b>Multiple Choice Theoretical Test Exam*</b>	Multiple choice questions		100
<b>Structured Oral Examination**</b>	Under the supervision of at least two faculty members		
<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
<b>Multiple Choice Theoretical Test Exam*</b>	Multiple choice questions		100
<b>Structured Oral Examination**</b>	Under the supervision of at least two faculty members		
<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 History	A1	
2. Physical Examination	B3, B9, B13, B14, B21	
3. Interpreting Lab Results	D4, D5, D18	
4. Preparing Patient's Chart	C7	
5. Prescribing	C9	

**DECISION:      PASS                      FAIL**

**Head of Department or Coordinator:**

**Date:**

**Signature:**

**Faculty of Medicine**  
**English Medicine Program**  
**Phase V**  
**Emergency Medicine COURSE**  
**Competence Matrix**

The Name of the Course	Po1	Po2	Po3	Po4	Po5	Po6	Po7	Po8	Po9	Po10	Po11	Po12	Po13
Emergency Medicine	5	5	5	5	4	4	5	4	3	1	2	2	2

\* 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	ASSESMENT AND EVALUATION METHODS MATCHING
1.Can obtain the history of patients admitted to the emergency department.	T, P	P, T
2.Can perform emergency examinations of patients admitted to the emergency department.	V, P	P
3.Can recognize and respond to emergencies.	T, V	T, P
4.Can explain the differential diagnosis, diagnosis and treatment principles of patients who applied to the emergency department, and to make triage if necessary.	T	T
5.Can respond to multiple trauma patients admitted to the emergency department.	T	T
<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 COURSE TO BE INCLUDED IN THE 2022- 2023 ACADEMIC YEAR COURSE PROGRAM**

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
	2	T	Basic Life Support	1,2	2,3,4		T		
	2	T	Advanced Cardiac Life Support	1,2	2,3,4		T		
	2	T	Airway Management	1,2	2,3,4		T		
	2	T	Management of Patient with Chest Pain	1,2	1,2,3,4		T		
	2	T	Management Of Arrhythmias in Emergency Department	1,2	1,2,3,4		T		
	2	T	Cardiac Failure and Cardiogenic Shock	1,2	1,2,3,4		T		
	2	T	Hypertensive Emergencies	1,2	1,2,3,4		T		
	2	T	Management Of Patient with Multiple Trauma	1,2	1,2,3,4,5		T		
	2	T	Head Trauma	1,2	1,2,3,4,5		T		
	1	T	Thoracic Trauma	1,2	1,2,3,4,5		T		
	2	T	Abdominal Trauma	1,2	1,2,3,4,5		T		
	1	T	Vertebral Trauma	1,2	1,2,3,4,5		T		
	2	T	General Management of Poisoned Patient	1,2	1,2,3,4		T		

	2	T	Organophosphate Poisoning, Mushroom Poisoning	1,2	1,2,3,4		T		
	2	T	Acetaminophen, Antidepressants, Salicylate, Nonsteroidal Anti-Inflammatory Drug Poisonings	1,2	1,2,3,4		T		
	2	T	Alcohol, Opioid, Benzodiazepine Poisoning, CO Poisoning	1,2	1,2,3,4		T		
	2	T	General Management Of Abdominal Pain In The Emergency Department	1,2	1,2,3,4		T		
	2	T	Gastrointestinal Emergencies	1,2	1,2,3,4		T		
	2	T	Neurologic Emergencies	1,2	1,2,3,4		T		
	4	T	Environmental Injuries	1,2	1,2,3,4		T		
	4	T	General Management of Dyspneic Patient	1,2	1,2,3,4		T		
	2	T	Blood Gas Analysis In ED	1,2	1,2,3,4		T		
	2	T	Electrolyte Disorders	1,2	1,2,3,4		T		
	2	T	Sepsis	1,2	1,2,3,4		T		
	2	T	Shock	1,2	1,2,3,4		T		
	2	P	Using Defibrillator	1,2	2,3		P		
	1	P	Basic Life Support	1,2	2,3		P		
	1	P	Advanced Cardiac Life Support	1,2	2,3		P		
	2	P	Airway Management	1,2	2,3		P		

**EXPLANATIONS:**

\* Lecture code will be formed by writing 001, 002,... at the end of the code taken from the "Codes for Phase 5 matrix" section.

**\*\*Abbreviations**

**Teaching Activity:** 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)



**Assessment Method:** Practical - Logbook (P-L), Oral exam (OE), Theoretical exam (TE)