

COURSE INFORMATION					
Course Title	Code	Phase/Semester	L+P Hour	Credits	ECTS
Emergency Medicine (Clinical internship)	MED650	Phase 6/11-12		5	5*

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

Prerequisites	MED102, MED302, MED413
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Language of Instruction	English
Course Level	Second Cycle including First Cycle Degree (One Tier Programme)
Course Type	Elective
Course Coordinators	Sezgin Sarıkaya, MD. Prof.
Instructors	Sezgin Sarıkaya, MD. Prof. Ferudun Çelikmen, MD, Assist. Prof. Mustafa Yazıcıoğlu, MD, Assist. Prof. Cem Şimşek, MD, Assist. Prof. Emin Gökhan Gencer, MD, Assist. Prof. Hande Candemir, MD, Assist. Prof. Erman Uygun, MD, Emergency Med. Specialist Abuzer Kekeç, MD, Emergency Med. Specialist Özkan Erarslan, MD, Emergency Med. Specialist
Assistants	
Goals	The aim of this elective course is to equip the intern with enriched knowledge and the skills about the main topics of emergency medicine
Content	The elective internship is a 1 month rotation for the 6th year medical students which has been chosen by the students from the area elective courses in the curriculum . Like the other rotations, evaluation of student performance will be based on overall clinical performance both in hospital and outpatient clinics, case papers, the attitudes toward patients, participation in seminars and overnight calls, regular attendance at scientific meetings, lectures and case conferences, the level of scientific and practical knowledge and consulting skills. Ratings of students recorded with required projects and will be performed as “passed “or “failed” with an overall evaluation score of 100.

Learning Outcomes	Program Outcomes	Teaching Methods	Assessment Methods
At the end of this course, student should be able to			
<ul style="list-style-type: none"> perform basic and advanced airway 	2.1	1,2,3,5	C

procedures, basic life support			
<ul style="list-style-type: none"> perform advanced cardiac and trauma life support for adults and children 	2.2	1,2,3,5	C
<ul style="list-style-type: none"> approach to a patient with chest pain/ abdominal pain /shortness of breath 	2.3	1,2,3,5	C
<ul style="list-style-type: none"> manage with a polytrauma patient 	2.4	1,2,3,5	C
<ul style="list-style-type: none"> differentiate the reasons of chest pain and treat acute coronary syndromes 	2.5	1,2,3,5	C
<ul style="list-style-type: none"> explain the types of shock, manage with a shock patient, define the differentials, select the proper treatment 	2.6	1,2,3,5	C
<ul style="list-style-type: none"> define the rythm on ECG, approach to a patint with tachycardia/bradycardia 	2.7	1,2,3,5	C
<ul style="list-style-type: none"> explain the toxidromes and approach to an intoxicated patient 	2.8	1,2,3,5	C
<ul style="list-style-type: none"> arrange necessary consultation with physicians and other professionals when needed 	2.10	1,2,3,5	C
<ul style="list-style-type: none"> recognize and resolve interpersonal conflict in the emergency department including conflicts with patients and family 	3.3	1,2,3,5	C
<ul style="list-style-type: none"> communicate risks, benefits, and alternatives to therapeutic interventions to patients and/or appropriate surrogates, and obtain consent when indicated 	3.5	1,2,3,5	C
<ul style="list-style-type: none"> communicate information to patients and families using verbal, nonverbal, written, 	3.4	1,2,3,5	C

and technological skills, and confirm understanding			
<ul style="list-style-type: none"> establish rapport with and demonstrate empathy toward patients and their families 	3.2	1,2,3,5	C
<ul style="list-style-type: none"> consider the expectations of those who provide or receive care in the ED and use communication methods that minimize the potential for stress, conflict, and miscommunication 	3.1	1,2,3,5	C
<ul style="list-style-type: none"> explain the basic principles of disaster management 	2.9	1,2,3,5	C

Teaching/Learning Methods:	<ul style="list-style-type: none"> CONTACT HOURS (CH) 1. Theoretical-Class/Auditorium/Conference Hall/Multimedia <ul style="list-style-type: none"> 1.1. Lecture/Tutorial 1.2. Case report 1.3. Case presentation 1.4. Research seminar 1.5. Seminar 1.6. Student seminar/Journal club 1.7. Invited speaker 1.8. Hospital conference 1.9. Online/Distance or e-learning (paper based or ICT based) 1.10. Other: 2. Theoretical-Group Activity/Interactive <ul style="list-style-type: none"> 2.1. Case discussion 2.2. Discussion class 2.3. Small group study session/Problem solving session/Brainstorm session 2.4. Exercise class 2.5. Oral presentation and criticism 2.6. Panel 2.7. Workshop 2.8. Online/Distance or e-learning (paper based or ICT based) 2.9. Other: 3. Practice Based-Laboratory/Class <ul style="list-style-type: none"> 3.1. Demonstration class 3.2. Laboratory teaching 3.3. Clinical skills laboratory 3.4. Small group study session/Problem solving session
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| | <ul style="list-style-type: none"> 3.5. Exercise class 3.6. Workshop (practical class) 3.7. Other: 4. Clerkship (Clinical practice and training) <ul style="list-style-type: none"> 4.1. Field study/Fieldwork 4.2. Outpatient clinic 4.3. Patient bedside 4.4. Imaging round 4.5. Laboratory round 4.6. Work based practice 4.7. Grand round 4.8. Operating room 4.9. Invasive Intervention room 4.10. Night shift at ward 4.11. Night shift at intensive care unit 4.12. Night shift at emergency care unit 4.13. Other: 5. Work placement/Internship (Clinical performance under supervision) <ul style="list-style-type: none"> 5.1. Field study/Fieldwork 5.2. Outpatient clinic 5.3. Patient bedside 5.4. Imaging round 5.5. Laboratory round 5.6. Work based practice 5.7. Grand round 5.8. Operating room 5.9. Invasive intervention room 5.10. Night shift at ward 5.11. Night shift at intensive care unit 5.12. Night shift at emergency care unit 5.13. Other: • INDEPENDENT STUDY HOURS (ISH) 6. KNOWLEDGE (Levels: Knowledge, Comprehension, Application, Analysis, Synthesis, Evaluation) <ul style="list-style-type: none"> 6.1. Theoretical/Written/Oral exam/s 6.2. Presentation 6.3. Seminar 6.4. Discussion 6.5. Session 6.6. Research paper writing 6.7. Project writing 6.8. Report writing 6.9. Dissertation writing 6.10. Homework 6.11. Investigation/Survey study 6.12. Other: 7. SKILLS: (Levels: Imitation, Manipulation, Precision, Articulation, Naturalization) <ul style="list-style-type: none"> 7.1. Oral/practical exam/s |
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	<ul style="list-style-type: none"> 7.2. Presentation 7.3. Seminar 7.4. Discussion 7.5. Session 7.6. Exercise 7.7. Workshop 7.8. Imaging round 7.9. Laboratory round 7.10. Grand round 7.11. Other: 8. ATTITUDES (Receiving, Responding, Valuing, Organization, Characterization) <ul style="list-style-type: none"> 8.1. Questionnaire (self-assessment) 8.2. Paper case 8.3. Other: 9. COMPETENCY (Doing/Making, Co-ordinating/Operating, Observing/Analysing/Listening to/ Controlling/Driving, Choosing/Communicating/Enhancing, Conceiving/Visioning/Foreseeing) <ul style="list-style-type: none"> 9.1. Portfolio preparation 9.2. Clinical performance at outpatient wards 9.3. Clinical performance at inpatient wards 9.4. Clinical performance at night shifts (ward, emergency care unit, intensive care unit) 9.5. Other: (e.g. mini-clinical exam, etc.) 10. PROFICIENCY (Doing/Making, Co-ordinating/Operating, Observing/Analysing/Listening to/ Controlling/Driving, Choosing/Communicating/Enhancing, Conceiving/Visioning/Foreseeing) <ul style="list-style-type: none"> 10.1. Portfolio preparation 10.2. Clinical performance at outpatient wards 10.3. Clinical performance at inpatient wards 10.4. Clinical performance at night shifts (ward, emergency care unit, intensive care unit) 10.5. Other: (e.g. mini-clinical exam, etc.)
<p>Assessment Methods:</p>	<ul style="list-style-type: none"> A. Knowledge Assessment <ul style="list-style-type: none"> a. Written Exam (MCQ+EMQ+KFQ) (F, S) b. Objectively Structured Oral Examination (S) c. Oral Examination (F) d. Other: B. Skills Assessment <ul style="list-style-type: none"> a. Practical Examination (F) b. Objectively Structured Practical Examination (S) c. Mini Clinical Examination (S) d. Other: C. Attitude Assessment <ul style="list-style-type: none"> a. Mini Clinical Examination (S) b. Questionnaire (self-assessment) (F) c. Paper case (S) d. Observation of behaviour (360°) (F, S)

	<p>e. Other:</p> <p>D. Competency Assessment</p> <p>a. Mini Clinical Examination (S)</p> <p>b. Clerkship/Internship Guide/Checklist Assessment (F, S)</p> <p>c. Professional Portfolio Assessment (F)</p> <p>d. Presentation Performance Assessment (F)</p> <p>e. Seminar Performance Assessment (F)</p> <p>f. Project Writing Assessment (S)</p> <p>g. Other:</p> <p>E. Proficiency Assessment</p> <p>a. Mini Clinical Examination (S)</p> <p>b. Clerkship/Internship Guide/Checklist Assessment (F, S)</p> <p>c. Professional Portfolio Assessment (F)</p> <p>d. Presentation Performance Assessment (F)</p> <p>e. Seminar Performance Assessment (F)</p> <p>f. Other:</p> <p>*F: Formative, S: Summative</p>
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<p>COURSE CONTENT</p> <p>For Detailed information:</p>
<p>See; http://med.yeditepe.edu.tr/ders-programlari (Phase VI Academic Program Book)</p>

RECOMMENDED SOURCES	
Textbooks	<ul style="list-style-type: none"> Rosen's Emergency Medicine Concepts and Clinical Practice 9th Edition
Additional Resources	<ul style="list-style-type: none"> www.uptodate.com www.clinicalkey.com

MATERIAL SHARING	
Documents	Shared
Assignments	Shared
Exams	

ASSESSMENTS

Assessment Approaches, assessment methods and assessment tools that used in Phase VI, Clerkship Programs are shown in below table.

This table shows question types and assessment methods/tools used in training program.

Other Assessment Methods and Tools	Proportion <i>(in Other Assessment Methods and Tools)</i>
Evaluation of Student Presentation	100%
Total	100 %
Pass/Fail Decision	Proportion <i>(in Pass/Fail Decision)</i>
Other Assessment Methods and Tools	100%
Total	100%

COURSE CATEGORY

Elective

CONTRIBUTION TO PROGRAM OUTCOMES

		Contribution				
No	Program Learning Outcomes	1	2	3	4	5

1	PO.1.1.4. takes medical history from the applicant himself/herself or from the individual's companions.			X		
2	PO.1.1.5. does general and focused physical and mental examination.			X		
3	PO.1.1.6. interprets findings in medical history, physical and mental examination.			X		
4	PO.1.1.7. employs diagnostic procedures that are used frequently at the primary health care level.			X		
5	PO.1.1.8. selects tests that have evidence-based high efficacy at the primary health care level and interprets results.			X		
6	PO.1.1.9. makes clinical decisions using evidence-based systematic data in health care service.			X		
7	PO.1.1.10. performs medical interventional procedures that are used frequently at the primary health care level.			X		
8	PO.1.1.11. manages healthy individuals and patients in the context of health care services.			X		
9	PO.1.1.12. keeps medical records in health care provision and uses information systems to that aim.			X		
10	PO.1.2.1. throughout his/her career, communicates effectively with health care beneficiaries, co-workers, accompanying persons, visitors, patient's relatives, care givers, colleagues, other individuals, organizations and institutions.			X		
11	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 of these factors on the health.			X		
12	PO.1.6.1. provides consultancy services and organizes health education for the community to sustain and promote the health of individual and community.		X			
13	PO.2.1.1. performs medical practices in accordance with the legal framework which regulates the primary health care service.		X			
14	PO.2.2.1. recognizes basic ethical principles completely, and distinguishes ethical and legal problems.		X			
15	PO.2.3.2. recognizes the individual's behavior and attitudes and factors that determine the social dynamics of the community.		X			
16	PO.2.5.1. displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems.		X			

ECTS ALLOCATION			
Activity	Quantity	Duration (Hours)	Total Workload (Hours)
Clinical Experience	45	2	90
Clerkship Guide Compilation	20	1	20
Independent Learning Hours	45	1	45
Assessment	2	2.5	5
Total Work Load			160
Total Work Load / 30 (h)			5.3
ECTS Credits			5