

<b>COURSE INFORMATION</b>					
<b>Course Title</b>	<i>Code</i>	<i>Semester</i>	<i>L+P+L Hour</i>	<i>Credits</i>	<i>ECTS</i>
Intensive Care (Clinical Clerkship)	MED 551	Phase 5 / 9-10	10 + 40 + 0	2	2*

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

<b>Prerequisites</b>	-
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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>	Area Elective
<b>Course Coordinator</b>	Özge Köner
<b>Instructors</b>	Sibel Temür, Tuğhan Utku
<b>Assistants</b>	Çağdaş Savran, Onur Erdagöz, Derya Kayacan, N. Agah Demiran, Eray B. Sarraf, Rana İlgün, Hande Aksoy.
<b>Goals</b>	To provide students with knowledge, skills and attitudes about Intensive Care Unit.
<b>Content</b>	Intensive Care Unit related topics.

<b>Learning Outcomes</b>	<b>Programme Learning Outcomes</b>	<b>Teaching Methods</b>	<b>Assessment Methods</b>
After participating in this clerkship program, students should be able to			
1) Use transport ventilator, apply oxygen therapy, manage respiratory problems.	Contributes to all outcomes.	1,2,3,12	C
2) Perform cardiopulmonary resuscitation,	Contributes to all outcomes.	1,2,3,12	C
3) Perform hemodynamic monitorization and evaluation.	Contributes to all outcomes.	1,2,3,12	C
4) Manage infection in critically ill patient	Contributes to all outcomes.	1,2,3,12	C
5) Learn structural features of ICU (design, organization),	Contributes to all outcomes.	1,2,3,12	C
6) know principles of clinical nutrition in critically ill.	Contributes to all outcomes.	1,2,3,12	C

<b>Teaching Methods:</b>	1: Lecture, 2: Question-Answer, 3: Discussion, 12: Case Study
<b>Assessment Methods:</b>	C: Homework

<b>COURSE CONTENT</b>		
<b>Day</b>	<b>Topics</b>	<b>Study Materials</b>
1	Introduction to the course, explanation of course objectives and materials, course requirements and assessment, pacing schedule and obtaining materials	
1	Lecture: ICU history, structural features of ICU (design, organizational and management models),	
2	Lecture: Monitorization and evaluation.	
3	Lecture: Cardiopulmonary resuscitation.	
4	Lecture: infection management in critically ill patient	
5	Application: Management of respiratory problems.	
5	Application: Hemodynamic monitorization	
5	Homework	

<b>RECOMMENDED SOURCES</b>	
<b>Textbook</b>	Morgan & Mikhail's, Clinical Anesthesiology, Lange, McGraw Hill Publishing 2018. 6th Edition.
<b>Additional Resources</b>	Lecture notes

<b>MATERIAL SHARING</b>	
<b>Documents</b>	Google Classroom
<b>Assignments</b>	Google Classroom

<b>ASSESSMENT</b>		
<b>IN-TERM STUDIES</b>	<b>NUMBER</b>	<b>PERCENTAGE</b>
Class Performance	1	30
Assignment	1	70
<b>Total</b>		<b>100</b>
<b>CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE</b>		100

<b>Total</b>	<b>100</b>
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<b>COURSE CATEGORY</b>	Expertise/Field Courses
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<b>COURSE'S CONTRIBUTION TO PROGRAMME</b>						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
PO.1.1.1.	offers 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.	X				
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 critically ill.					
PO.1.1.4.	takes medical history from the patient or from the individual's companions, consideration the socio-cultural diversity.	X				
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.	employ diagnostic procedures that are used frequently in the ICU.		X			
PO.1.1.8.	select tests that have evidence-based high efficacy in the ICU and interprets results.			X		
PO.1.1.9.	makes clinical decisions using evidence-based systematic data in ICU.					X
PO.1.1.10.	Be familiar with medical interventional procedures that are used frequently in the ICU.			X		
PO.1.1.12.	keeps medical records in health care provision and uses information systems to that aim.			X		
PO.1.2.1.	throughout his/her career, communicates effectively with health care beneficiaries, co-workers, accompanying persons, visitors,			X		

	patient's relatives, care givers, colleagues.							
PO.1.2.3.	recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.							<b>X</b>
PO.1.3.1.	manages and leads within the health care team in the ICU.	<b>X</b>						
PO.1.4.2.	recognizes and manages the health determinants including conditions that prevent access to health care.							<b>X</b>
PO.2.3.1.	relates historical evolution of medicine, with the current medical practice.							<b>X</b>
PO.2.5.1.	displays a patient-centered approach to patients and their problems.							<b>X</b>
PO.2.5.2.	respects patients, colleagues and all stakeholders in health care delivery.							<b>X</b>
PO.2.5.4.	takes responsibility for the development of patient safety and healthcare quality.							<b>X</b>
PO.3.1.2.	embraces the importance of updating knowledge and skills; searches current advancements and improves own knowledge and skills.							<b>X</b>
PO.3.3.2.	displays appropriate behavior specific to work under stressful conditions.							<b>X</b>

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION</b>			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Lecture	5	5	25
Clinical Application	5	5	25
Hours for off-the-classroom study (Pre-study, practice, review/week)	5	5	6
Homework	1	8	8
Term Paper	1	10	4
<b>Total Work Load</b>			68
<b>Total Work Load / 30 (h)</b>			2.27
<b>ECTS Credit of the Course</b>			2