

<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>
Approachment of Multisystem Diseases (Clinical Clerkship)	MED 450	Phase 4/7-8	10	2	2*

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

<b>Prerequisites</b>	- Have passed Term III committee courses
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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>	Yasar Küçükardalı
<b>Instructors</b>	Yasar Küçükardalı , Mehmet Akif Öztürk
<b>Assistants</b>	
<b>Goals</b>	Developing diagnostic approach skills to the patient with multiple system disease
<b>Content</b>	To define the multi-system patient, to tell the related diseases, to tell the tests that determine the damage status of organs and systems, to determine the priorities in treatment, to determine the non-pharmacological and pharmacological treatment steps, to educate the patients and their relatives about the disease process. Diabetes Mellitus, Hypertension, Hyperlipidemia, Systemic lupus erythematosus, Sarcoidosis, Polyarteritis Nodosa, Mixed Connective Tissue Disease, Amyloidosis, Sepsis, Covid-19, Chronic Kidney Failure, Chronic Liver Disease,

<b>Learning Outcomes</b>	<b>Programme Learning Outcomes</b>	<b>Teaching Methods</b>	<b>Assessment Methods</b>
Makes the definition of multi-system disease, tells multi-system diseases	1.1.1, 1.1.4	1	A
Takes extensive history and interrogates systems	1.1.3,1.1.5	1,2	A
Performs systemic examination	1.1.6, 1.1.1	1,4	A
Selects the appropriate tests to determine the anatomical and functional state of organs and systems.	2.1.1,2.1.12	1	A, C

Defines urgency in treatment	2.4.1, 2.4.2	1,2,3	A
Determines long-term drug-free and drug therapy goals	3.1.1,3.2.2	1,2,3	A
Identifies the consultation needs required	3.2.3	1,2,4	A
Provides the necessary education to the patient and family	2.5.3	1,4	A

<b>Teaching Methods:</b>	1: Lecture, 2: Question-Answer, 3: Discussion, 9: Simulation, 12: Case Study
<b>Assessment Methods:</b>	A: Testing B: Presentation C: Homework

<b>COURSE CONTENT</b>		
<b>Week</b>	<b>Topics</b>	<b>Study Materials</b>
1	Makes the definition of multi-system disease, tells multi-system diseases	Materials for the course provided by instructor
2	Takes extensive history and interrogates systems	
3	Performs systemic examination	
4	Selects the appropriate tests to determine the anatomical and functional state of organs and systems.	
5	Defines urgency in treatment	
6	Determines long-term drug-free and drug therapy goals	
7	Identifies the consultation needs required	
8	Provides the necessary education to the patient and family	
9		

<b>RECOMMENDED SOURCES</b>	
<b>Textbook</b>	PPT sunumlar , Up to Date , Harrison's, Principles Internal Medicine Twenty First Edition
<b>Additional Resources</b>	Lecture notes

<b>MATERIAL SHARING</b>	
<b>Documents</b>	Photocopy shareable.
<b>Assignments</b>	Shareable
<b>Exams</b>	Not shareable

<b>ASSESSMENT</b>		
<b>IN-TERM STUDIES</b>	<b>NUMBER</b>	<b>PERCENTAGE</b>
Mid-Term	1	30
Class Performance	1	30
Term Paper	1	10
Final Exam	1	30
<b>Total</b>		<b>100</b>
<b>CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE</b>		30
<b>CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE</b>		70
<b>Total</b>		<b>100</b>

<b>COURSE CATEGORY</b>	Expertise/Field Courses
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<b>COURSES CONTRIBUTION TO PROGRAM</b>
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<b>COMPETENCE AREA-1 / Professional Practices</b>	<b>Contribution</b>				
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>COMPETENCE 1.1. Health Service Provider</b>					
<b>Competency 1.1.1.</b> Integrates knowledge, skills, and attitudes acquired from basic and clinical medical sciences, behavioral sciences, and social sciences to provide health services.			<b>x</b>		
<b>Competency 1.1.2.</b> Demonstrates a biopsychosocial approach that considers the individual's sociodemographic and sociocultural background without discrimination based on language, religion, race, or gender in patient management.				<b>x</b>	
<b>Competency 1.1.3.</b> Prioritizes the protection and improvement of individuals' and community's health in the delivery of healthcare services.				<b>x</b>	
<b>Competency 1.1.4.</b> Performs the necessary actions in the direction of maintaining and improving the state of health as considering the individual, social, social and environmental factors affecting health.			<b>x</b>		
<b>Competency 1.1.5.</b> Provides health education to healthy/ill individuals and their families, as well as to other healthcare professionals, by recognizing the characteristics, needs, and expectations of the target audience.				<b>x</b>	
<b>Competency 1.1.6.</b> Demonstrates a safe, rational, and effective approach in the processes of protection, diagnosis, treatment, follow-up, and rehabilitation in health service delivery.				<b>x</b>	

<b>Competency 1.1.7.</b> Performs interventional and/or non-interventional procedures safely and effectively for the patient in the processes of diagnosis, treatment, follow-up, and rehabilitation.			x		
<b>Competency 1.1.8.</b> Provides healthcare services considering patient and employee health and safety.				x	
<b>Competency 1.1.9.</b> Considers changes related to the physical and socio-economic environment at both regional and global scales that affect health, as well as changes in the individual characteristics and behaviors of those who seek healthcare services.			x		
<b>COMPETENCE AREA-2 / Professional Values and Approaches</b>	<b>Contribution</b>				
<b>COMPETENCE 2.1. Adopting Professional Ethics and Principles</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 2.1.1.</b> Considers good medical practices while performing the profession.				x	
<b>Competency 2.1.2.</b> Fulfills duties and obligations within the framework of ethical principles, rights, and legal responsibilities required by the profession.			x		
<b>Competency 2.1.3.</b> Demonstrates determined behavior in providing high-quality healthcare while considering the patient's integrity.				x	
<b>Competency 2.1.4.</b> Evaluates own performance in professional practices by considering own emotions and cognitive characteristics.				x	
<b>COMPETENCE 2.2. Health Advocate</b>					
<b>Competency 2.2.1.</b> Advocates for the improvement of healthcare service delivery by considering the concepts of social accountability and social responsibility in the protection and enhancement of community health.			x		
<b>Competency 2.2.2.</b> Plans and implements service delivery, education, and counseling processes related to individual and community health, in collaboration with all stakeholders, for the protection and improvement of health.			x		
<b>Competency 2.2.3.</b> Evaluates the impact of health policies and practices on individual and community health indicators and advocates for the improvement of healthcare quality.			x		
<b>Competency 2.2.4.</b> Gives importance to protecting and improving own physical, mental, and social health and takes necessary actions for it.				x	
<b>COMPETENCE 2.3. Leader-Manager</b>					
<b>Competency 2.3.1.</b> Demonstrates exemplary behavior and leadership within the healthcare team during service delivery.			x		
<b>Competency 2.3.2.</b> Utilizes resources in a cost-effective, socially beneficial, and compliant manner with regulations in the planning, implementation, and evaluation processes of healthcare services as the manager in the healthcare institution.			x		
<b>COMPETENCE 2.4. Team Member</b>					
<b>Competency 2.4.1.</b> Communicates effectively within the healthcare team and takes on different team roles as necessary.			x		
<b>Competency 2.4.2.</b> Displays appropriate behaviors while being aware of the duties and responsibilities of healthcare workers within the healthcare team.			x		
<b>Competency 2.4.3.</b> Works collaboratively and effectively with colleagues and other professional groups in professional practice.				x	
<b>COMPETENCE 2.5. Communicator</b>					
<b>Competency 2.5.1.</b> Communicates effectively with patients, their families, healthcare professionals, and other occupational groups, institutions and organizations.				x	
<b>Competency 2.5.2.</b> Communicates effectively with individuals and groups who require a special approach and have different sociocultural characteristics.				x	

<b>Competency 2.5.3.</b> Demonstrates a patient-centered approach that involves the patient in decision-making mechanisms during the diagnosis, treatment, follow-up, and rehabilitation processes.				<b>x</b>	
<b>COMPETENCE AREA-3 / Professional and Personal Development</b>	<b>Contribution</b>				
<b>COMPETENCE 3.1. Scientific and Analytical Approach</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
<b>Competency 3.1.1.</b> Plans and implements scientific research, as necessary, for the population it serves, and utilizes the results obtained, as well as those from other research, for the benefit of the community.				<b>x</b>	
<b>Competency 3.1.2.</b> Accesses and critically evaluates current literature related to their profession.				<b>x</b>	
<b>Competency 3.1.3.</b> Applies evidence-based medicine principles in the clinical decision-making process.			<b>x</b>		
<b>Competency 3.1.4.</b> Uses information technologies to enhance the effectiveness of healthcare, research, and education activities.				<b>x</b>	
<b>COMPETENCE 3.2. Lifelong Learner</b>			<b>x</b>		
<b>Competency 3.2.1.</b> Manages effectively individual study processes and career development.			<b>x</b>	<b>x</b>	
<b>Competency 3.2.2.</b> Demonstrates skills in acquiring, evaluating, integrating new information with existing knowledge, applying to professional situations, and adapting to changing conditions throughout professional career.				<b>x</b>	
<b>Competency 3.2.3.</b> Selects the right learning resources to improve the quality of health care and organizes the learning process.				<b>x</b>	

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION</b>			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration	5	2	10
Hours for off-the-classroom study (Pre-study, practice, review/week)	5	6	30
Homework	1	5	5
Term Paper			
<b>Final</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Total Work Load</b>			<b>46</b>
<b>Total Work Load / 30 (h)</b>			<b>1.53</b>
<b>ECTS Credit of the Course</b>			<b>2</b>