

COURSE INFORMATION					
Course Title	Code	Semester	Lecture+Practice+Labrotory Hour	Credits	ECTS
Internal Medicine (Clinical Clerkship)	MED 411	4/7-8	89+164	12	12*
* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program					
Prerequisites	The student that joins this course, should have at least the Phase 3 knowledge level in medical faculty.				

Language of Instruction	English
Course Level	Second-cycle higher education (i.e. QF-EHEA-2, EQF-LLL-7, TYYÇ-7) with Master's Degree/ "Regulated Professions" legislation by EU 2005/36/EC Directive
Course Type	Compulsory
Course Coordinator	Prof. Müge Bıçakçığıl Kalaycı, MD.
The instructors	Fahrettin Keleştimur Gülçin Kantarcı, Hasan Atilla Özkan, Yaşar Küçükardalı, Hasan Aydın, Cengiz Pata Meltem Ergün, Banu Salepçi Müge Bıçakçığıl Kalaycı, Seha Akduman Selcuk Eren Emre Tural Emine Köroğlu Bala Basak Öven Mehmet Akif Öztürk
Assistants	Zeynep Ipek Gezer , Yunus Sütsurup, Yusuf Kavurmacı, Hatice Zeynep Ceylan, Batuhan Oğuz, Şenay Açıkel, Ceren Nur Karali, Hüseyin Alphan Şekuri, Lidya Aden Çağlar
Goals	Aim of this clerkship is to equip students with necessary knowledge, skills and attitudes required for an appropriate approach to healthy and sick adults, convey necessary knowledge on preventive healthcare measures. This clerkship also aimed to provide students with necessary knowledge, skills and attitudes required to achieve diagnosis and differential diagnosis of adults and to perform primary care prophylaxis and treatment,

Content

INTERNAL MEDICINE CLERKSHIP PROGRAM WEEK 1					
	Monday	Tuesday	Wednesday	Thursday	Friday
10.00 - 10:10	Introductory Session Introduction to Internal Medicine Clerkship <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Pulmonary Thromboembolism <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Abdominal Pain <i>Meltem Ergün</i>
10.10 - 10:50	Lecture Taking History <i>Yaşar Küçükardalı</i>	Lecture Environmental Lung Diseases <i>Banu Musaffa Salepçi</i>	Lecture Examination Of Extremities <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Patient With Chronic Arthritis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach To Patient with Diarrhea <i>Meltem Ergün</i>
12.00 - 13.30					
13.30 - 14.15	Lecture Examination of the abdomen <i>Meltem Ergün</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to the Patient with Connective Tissue Diseases <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Approach to Patient with Vasculitis <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Cushing's Syndrome <i>Hasan Aydın</i>
14.25 - 15.10	Lecture Examination of Head and Neck <i>Yaşar Küçükardalı</i>	Lecture Evidence Based Approach to Pneumonia <i>Banu Musaffa Salepçi</i>	Lecture Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis) <i>Müge Bıçakçıgil Kalaycı</i>	Case Discussion Rheumatology <i>Müge Bıçakçıgil Kalaycı</i>	Lecture Male Gonadal Diseases <i>Hasan Aydın</i>
15.30- 16.10	Lecture Examination of Respiratory System <i>Banu Musaffa Salepçi</i>	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK 2					
	Monday	Tuesday	Wednesday	Thursday	Friday
10.00 - 10:10	Lecture Acute Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Hyperthyroidism <i>Hasan Aydın</i>	Lecture Management of Hyperlipidemia <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>

10.10 – 10:50	Lecture Chronic Complications of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Metabolic Bone Disease <i>Hasan Aydın</i>	Lecture Goiter and Thyroid Cancer <i>Hasan Aydın</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Non-Cardiac Causes of Chest Pain <i>Yaşar Küçükardalı</i>
12.00 - 13.30	Lunch	Lunch	Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Treatment of Diabetes Mellitus <i>Hasan Aydın</i>	Lecture Hyperparathyroidism <i>Hasan Aydın</i>	Lecture Hypothyroidism <i>Hasan Aydın</i>	Lecture Drug Interaction and Examples of Prescriptions <i>Yaşar Küçükardalı</i>	Lecture Acute Respiratory Distress Syndrome <i>Yaşar Küçükardalı</i>
14.25 - 15.10	Lecture Adrenal Insufficiency <i>Hasan Aydın</i>	Lecture Metabolic Syndrome <i>Hasan Aydın</i>	Lecture Hypoparathyroidism <i>Hasan Aydın</i>	Case Discussion General Internal Medicine <i>Yaşar Küçükardalı</i>	Lecture Management of Elderly Patients <i>Yaşar Küçükardalı</i>
15.30- 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK 3					
	Monday	Tuesday	Wednesday	Thursday	Friday
10.00 - 10.45	Lecture Fever Of Unknown Origin <i>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Bone Marrow Failure <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
10.55 - 11.40	Lecture Sepsis and Septic Shock <i>Yaşar Küçükardalı</i>	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear <i>Hasan Atilla Özkan</i>	Lecture Plasma Cell Dyscrasias <i>Hasan Atilla Özkan</i>	Lecture Hypertensive Disorders in Pregnancy <i>Gülçin Kantarcı</i>	Lecture Evidence based Approach to the Patient with Acute Kidney Injury <i>Gülçin Kantarcı</i>
12.00 - 13.30			Lunch	Lunch	Lunch
13.30 - 14.15	Lecture Tuberculosis <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Diagnosis and Management of Hypercoagulopathy <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Lecture Approach to the Patient with Electrolyte Disorders <i>Gülçin Kantarcı</i>
14.25 - 15.10	Case Discussion Chest Diseases <i>Banu Musaffa Salepçi</i>	Lecture Acute and Chronic Leukemias <i>Hasan Atilla Özkan</i>	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas <i>Hasan Atilla Özkan</i>	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease <i>Gülçin Kantarcı</i>	Case Discussion Nephrology <i>Gülçin Kantarcı</i>

15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
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WEEK 4					
	Monday	Tuesday	Wednesday	Thursday	Friday
10.00 - 10.45	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Ascites <i>Cengiz Pata</i>	Lecture Liver Enzyme Disorder <i>Cengiz Pata</i>	Lecture Colorectal Cancer <i>TBA (to be announced)</i>	Lecture Management of Cancer Pain <i>TBA (to be announced)</i>
10.55 - 11.40	Lecture Approach to the Patient with Acid-Base Disorders <i>Gülçin Kantarcı</i>	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis <i>Cengiz Pata</i>	Lecture Dysphagia <i>Cengiz Pata</i>	Lecture Lung Cancer <i>TBA (to be announced)</i>	Lecture Principles of Chemotherapy and Complications <i>TBA (to be announced)</i>
12.00-13.30		Lunch	Lunch	Lunch	Lunch
13.30-14.15	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Lecture Chronic Hepatitis <i>Cengiz Pata</i>	Lecture Gastrointestinal Bleeding <i>Cengiz Pata</i>	Lecture Breast Cancer <i>TBA (to be announced)</i>	Lecture Immunotherapy and targeted Therapies in Oncology <i>TBA (to be announced)</i>
14.25 - 15.10	Lecture Approach to the Patient with Glomerular Diseases <i>Gülçin Kantarcı</i>	Case Discussion Gastroenterology <i>Cengiz Pata</i>	Lecture Stem Cell Transplantation <i>Hasan Atilla Özkan</i>	Lecture Oncologic Emergencies <i>TBA (to be announced)</i>	Lecture Hereditary Cancers and Genetic Counselling in Cancer; Basic Principles <i>Ayşegül Kuşku</i>
15.30-18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK 5					
	Monday	Tuesday	Wednesday	Thursday	Friday
10.00 - 10.45	Lecture Evidence Based Screening and Early Diagnosis in Oncology <i>TBA (to be announced)</i>	Case Discussion Hematology <i>Hasan Atilla Özkan</i>	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
10.55 - 11.40	Lecture Approach to the Patient with Pulmonary System Symptoms and Signs <i>Seha Akduman</i>	Case Discussion Endocrinology <i>Hasan Aydın</i>			
12.00-13.30	Lunch				
13.30-14.15	Lecture Chronic Obstructive Lung Disease and Cor pulmonale <i>Seha Akduman</i>	Case Discussion Oncology <i>TBA</i>			

14.25 - 15.10	Lecture Asthma <i>Seha Akduman</i>	Case Discussion Chest Diseases <i>Seha Akduman</i>			
15:10-17:00	Independent Learning	Independent Learning			
17.00 - 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

- WEEK 6					
	Monday	Tuesday	Wednesday	Tuesday	Friday
08:00 - 17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 - 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

- WEEK 7					
	Monday	Tuesday	Wednesday	Tuesday	Friday
08:00-17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 - 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK 8					
	Monday	Tuesday	Wednesday	Tuesday	Friday
08:00-17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 - 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK 9					
	Monday	Tuesday	Wednesday	Tuesday	Friday
08:00-17:00	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH)
17:00 - 18.00	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

WEEK 10					
	Monday	Tuesday	Wednesday	Thursday	Friday
10.00 - 10.45	Independent Learning	Independent Learning	Assessment Session	Independent Learning	Oral Examination

Learning Outcomes <i>At the end of this term, the student should be able to:</i>	Program Learning Outcomes	Teaching Methods	Assessment Methods
Knowledge			
Employs a patient-centered approach in patient management.	1.1.2.	1,2,3	A,B,C
Describe and explain the presentation, pathophysiology, clinical and laboratory features of common acute, chronic and emergency clinical conditions which pose high risk for individuals or community health, and list differential diagnoses of common disorders	1.1.3	1,2,3	A,B,C
List required procedures and investigations for the diagnosis and follow-up of patients	1.1.7.	1,2,3	A,B,C
Employs diagnostic procedures that are used frequently at the primary health care level. Selects tests that have evidence-based high efficacy at the primary health care level and interprets results	1.1.7, 1.1.8	1,2,3	A,B,C
Describe the management of common disorders	1.1.11	1,2,3	A,B,C
Skills			
Obtain an appropriate history of patients. Take detailed questioning intended to explicate reasons of complaints	1.1.2, 1.1.4	1,2,3	A,B,C
Perform proper physical examination	1.1.5	1,2,3	B,C
Use diagnostic methods (laboratory and imaging techniques, other invasive or non-invasive methods) correctly and cost-efficiently	1.1.7,1.1.8, 1.1.9	1,2,3	A,B,C

Perform minor medical interventions and applications (blood collection, i.v. or i.m. injection, catheterization, capillary blood glucose testing, ECG, etc.)	1.1.7,1.1.8 , 1.1.9	2,3	C
Interpret clinical and laboratory data	1.1.7, 1.1.8	1,2,3	A,B,C
Refer patients to advanced healthcare units when indicated	1.2.2, 1.1.9	1,2,3	A,B,C
Manage common disorders and emergency cases	1.1.9, 1.1.11	1,2,3	A,B,C
Use written and online sources correctly and efficiently to access evidence-based information	3.1.1, 3.1.2	1,2,3	A,B,C
Attitudes			
Demonstrate interpersonal skills and professionalism in relations with patients, families and healthcare staff	1.2.2, 1.2.3,	2,3	C
Show respect for patient rights, communicate appropriately with patient and families and provide clear and concise information about the patient's condition	1.2.3, 1.2.4, 2.2.2, 2.5.2	2,3	C
Communicate and collaborate effectively with colleagues, teaching staff and other members of the healthcare team	1.2.1, 1.2.2	2,3	C

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion
Assessment Methods:	A: Knowledge-based Assessment B: Competency-based Assessment C: Performance-based Assessment

NCC 2014 – Essential Medical Procedures (Internal Medicine)	Performance Level
General and symptom-based history taking	3
Assessing mental status	3
Antropometric measurements	4
Head-Neck and ENT examination	3

Abdominal physical examination	3
Skin examination	3
General condition and vital signs assessment	4
Musculoskeletal system examination	3
Respiratory system examination	3
Cardiovascular system examination	3
Urologic examination	2
Preparing medical reports and notice	2
Preparing forensic report	2
Preparing epicrisis	3
Preparing patient file	3
Obtaining informed consent	2
Writing prescription	2
Reading and evaluating direct radiographs	2
Taking and evaluating ECG	2
Measuring blood glucose level with glucometry	3
Filling laboratory request form	2
Preparation and evaluation of peripheral blood smear	2
Performing full urine analysis (including microscopic examination) and evaluation	2
Interpretation of screening and diagnostic examination results	2
Rational drug use	2
Performing IM, IV, SC, ID injection	2
Urinary catheterization	2
Taking sample for culture	3
Nasogastric catheterization	2
Evaluating pulmonary function tests	2
Establishing IV line	2
Measuring blood pressure	4
Performing and assessing pulse oxymetry	2
Providing basic life support	2
Using and evaluating peak-flow meter	2

COURSE CONTENT		
	Topics	Study Materials
Week	Introductory Session (Introduction to Internal Medicine)	Materials for the course provided by the the instructor
1	Lecture Taking History (2 hours)	Materials for the course provided by the instructor
1	Lecture Examination of the abdomen	Materials for the course provided by the instructor
1	Lecture Examination of Head and Neck	Materials for the course provided by the instructor
1	Lecture Examination of Respiratory System	Materials for the course provided by the instructor
1	Lecture Pulmonary Thromboembolism	Materials for the course provided by the instructor
1	Lecture Environmental Lung Diseases	Materials for the course provided by the instructor
1	Lecture Evidence Based Approach to Pneumonia (2 hours)	Materials for the course provided by the instructor
1	Lecture Examination Of Extremities (2 hours)	Materials for the course provided by the instructor
1	Lecture Approach to the Patient with ConnectiveTissue Diseases	Materials for the course provided by the instructor
1	Lecture Approach to Patient with Acute Arthritis (Mono-oligo and Polyarthritis)	Materials for the course provided by the instructor
1	Lecture Approach to Patient With Chronic Arthritis (2 hours)	Materials for the course provided by the instructor

1	Lecture Approach to Patient with Vasculitis	Materials for the course provided by the instructor
1	Case Discussion Rheumatology	Materials for the course provided by the instructor
1	Lecture Approach to Abdominal Pain	Materials for the course provided by the instructor
1	Lecture Approach To Patient with Diarrhea	Materials for the course provided by the instructor
1	Lecture Cushing's Syndrome	Materials for the course provided by the instructor
1	Lecture Male Gonadal Diseases	Materials for the course provided by the instructor
2	Lecture Acute Complications of Diabetes Mellitus	Materials for the course provided by the instructor
2	Lecture Chronic Complications of Diabetes Mellitus	Materials for the course provided by the instructor
2	Lecture Treatment of Diabetes Mellitus	Materials for the course provided by the instructor
2	Lecture Adrenal Insufficiency	Materials for the course provided by the instructor
2	Lecture Metabolic Bone Disease (2 hours)	Materials for the course provided by the instructor
2	Lecture Hyperparathyroidism	Materials for the course provided by the instructor
2	Lecture Metabolic Syndrome	Materials for the course provided by the instructor
2	Lecture Hyperthyroidism	Materials for the course provided by the instructor
2	Lecture Goiter and Thyroid Cancer	Materials for the course provided by the instructor
2	Lecture Hypothyroidism	Materials for the course provided by the instructor
2	Lecture Hypoparathyroidism	Materials for the course provided by the instructor
2	Lecture Management of Hyperlipidemia	Materials for the course provided by the the instructor
2	Lecture Drug Interaction and Examples of Prescriptions (2 hours)	Materials for the course provided by the instructor

2	Case Discussion General Internal Medicine	Materials for the course provided by the instructor
2	Lecture Non-Cardiac Causes of Chest Pain (2 hours)	Materials for the course provided by the instructor
2	Lecture Acute Respiratory Distress Syndrome	Materials for the course provided by the instructor
2	Lecture Management of Elderly Patients	Materials for the course provided by the instructor
3	Lecture Fever Of Unknown Origin	Materials for the course provided by the instructor
3	Lecture Sepsis and Septic Shock	Materials for the course provided by the instructor
3	Lecture Tuberculosis	Materials for the course provided by the instructor
3	Case Discussion Chest Diseases	Materials for the course provided by the instructor
3	Lecture Nutritional Anemia and Interpretation of Peripheral Blood Smear (2 hours)	Materials for the course provided by the instructor
3	Lecture Acute and Chronic Leukemias (2 hours)	Materials for the course provided by the instructor
3	Lecture Bone Marrow Failure	Materials for the course provided by the instructor
3	Lecture Plasma Cell Dyscrasias	Materials for the course provided by the instructor
3	Lecture Diagnosis and Management of Hypercoagulopathy	Materials for the course provided by the instructor
3	Lecture Approach to the Patients with Lymphoproliferative Disorders Lymphomas	Materials for the course provided by the instructor
3	Lecture Evidence Based Approach to the Patient with Hypertensive Disorders	Materials for the course provided by the instructor
3	Lecture Hypertensive Disorders in Pregnancy	Materials for the course provided by the instructor
3	Lecture Evidence Based Approach to the Patient with Chronic Kidney Disease (2 hours)	Materials for the course provided by the instructor
3	Lecture Evidence-based Approach to the Patient with Acute Kidney Injury (2 hours)	Materials for the course provided by the instructor
3	Lecture Approach to the Patient with Electrolyte Disorders	Materials for the course provided by the instructor

3	Case Discussion Nephrology	Materials for the course provided by the instructor
4	Lecture Approach to the Patient with Acid-Base Disorders	Materials for the course provided by the instructor
4	Lecture Approach to the Patient with Glomerular Diseases	Materials for the course provided by the instructor
4	Lecture Ascites	Materials for the course provided by the instructor
4	Lecture Evidence Based Approach to the Patient Cirrhosis and Complications of Cirrhosis	Materials for the course provided by the instructor
4	Lecture Chronic Hepatitis	Materials for the course provided by the instructor
4	Case Discussion Gastroenterology	Materials for the course provided by the instructor
4	Lecture Liver Enzyme Disorder	Materials for the course provided by the instructor
4	Lecture Dysphagia	Materials for the course provided by the the instructor
4	Lecture Gastrointestinal Bleeding	Materials for the course provided by the instructor
4	Lecture Stem Cell Transplantation	Materials for the course provided by the instructor
4	Lecture Colorectal Cancer	Materials for the course provided by the instructor
4	Lecture Lung Cancer	Materials for the course provided by the instructor
4	Lecture Breast Cancer	Materials for the course provided by the instructor
4	Lecture Oncologic Emergencies	Materials for the course provided by the instructor
4	Lecture Management of Cancer Pain	Materials for the course provided by the instructor
4	Lecture Principles of Chemotherapy and Complications	Materials for the course provided by the instructor
4	Lecture Immunotherapy and targeted Therapies in Oncology	Materials for the course provided by the instructor
4	Lecture Hereditary Cancers and Genetic	Materials for the course provided by the instructor

	Counselling in Cancer; Basic Principles	
5	Lecture Evidence Based Screening and Early Diagnosis in Oncology	Materials for the course provided by the instructor
5	Lecture Approach to the Patient with Pulmonary System Symptoms and Signs	Materials for the course provided by the instructor
5	Lecture Chronic Obstructive Lung Disease and Cor pulmonale	Materials for the course provided by the instructor
5	Lecture Asthma	Materials for the course provided by the instructor
5	Case Discussion Hematology	Materials for the course provided by the instructor
5	Case Discussion Endocrinology	Materials for the course provided by the instructor
5	Case Discussion Oncology	Materials for the course provided by the instructor
5	Case Discussion Chest Diseases	Materials for the course provided by the instructor
6,7,8,9,10	HAYDARPAŞA NUMUNE TRAINING AND RESEARCH HOSPITAL (HTRH) –Practical Training	

RECOMMENDED SOURCES	
Textbook	<ul style="list-style-type: none"> ● Harrison's Principles of Internal Medicine Edited by Dan L. Longo, Anthony S. Fauci, Dennis L. Kasper, Stephen L. Hauser, J. Larry Jameson ● The Merck Manual of Diagnosis and Therapy. Edited by Porter RS, Kaplan JL ● Current Opinion in Internal Medicine. Edited by: H David Humes ● Cecil Medicine. Edited by Lee Goldman, MD and Andrew I. Schafer ● Handbook of Nephrology & Hypertension Edited by Christopher S. Wilcox, C. Craig Tisher ● Netter's Gastroenterology. Edited by M Floch <p>Yeditepe Üniversitesi Tıp Fakültesi İç Hastalıkları Semiyoloji Kitabı. Editör Prof Dr. Yaşar Küçükardalı</p>

Additional Resources	INTERNET LINKS:
	■ www.uptodate.com ,
	■ http://bestpractice.bmj.com/best-practice/evidence
	■ http://www.medicinenet.com/script/main/hp.asp ■ www.accessmedicine.com

ASSESSMENT		
Question Types (Pencil-Paper Tests)		Proportion (in Pencil-Paper Tests)
Multiple Choice Questions		36%
Extended Matching Questions		4%
Total		40%
Other Assessment Methods and Tools		Proportion
Structured Oral Exam (OE)		50%
Logbook & Direct Observation of Procedural Skills (DOPS)		10%
Evaluation of Case Presentation (With Checklist)		
Evaluation of Preparation Skills of Patient's File (With Checklist)		
Global Evaluation of Student's Performance (With Checklist)		
Total		60 %
Pass/Fail Decision		Proportion (in Pass/Fail Decision)
Pencil-Paper Tests		40%
Other Assessment Methods and Tools		60%
Total		100 %

MATERIAL SHARING	
Documents	Photocopy shareable.
Assignments	Not Shareable
Exams	Not shareable

COURSE CATEGORY		Compulsory				
COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
PODG.1. Basic Professional Competencies						
POD.1.1. Clinical Competencies						
1.1.1.	values preventive health services, offers primary prevention (i.e. prevention of diseases for the protection of health), 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, provides consultancy on these issues.					x
1.1.2	employs a patient-centered approach in patient management.					x
1.1.3	recognizes most frequently occurring or significant clinical complaints, symptoms, signs, findings and their emergence mechanisms in clinical conditions.					x
1.1.4.	takes medical history from the applicant himself/herself or from the individual’s companions.					x
1.1.5	does general and focused physical and mental examination.					x
1.1.6	interprets findings in medical history, physical and mental examination.					x
1.1.7	employs diagnostic procedures that are used frequently at the primary health care level.					x
1.1.8.	selects tests that have evidence-based high efficacy at the primary health care level and interprets results.					x
1.1.9	makes clinical decisions using evidence-based systematic data in health care service.					x
1.1.10.	performs medical interventional procedures that are used frequently at the primary health care level.					x
1.1.11.	manages healthy individuals and patients in the context of health care services.					x
1.1.12	keeps medical records in health care provision and uses information systems to that aim.					x
1.2	Competencies related to Communication					

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
1.2.2	collaborates as a team member with related organizations and institutions, with other professionals and health care workers, on issues related to health.	x
1.2.3	recognizes the protection and privacy policy for health care beneficiaries, co-workers, accompanying persons and visitors.	x
1.2.4	communicates with all stakeholders taking into consideration the socio-cultural diversity.	x
1.3.	Competencies Related to Leadership and Management	
1.3.3	recognizes the resources in the health care service, the principles for cost-effective use.	x
	2. Professional Values and Perspectives	
2.1.1	performs medical practices in accordance with the legal framework which regulates the primary health care service.	x
2.2.1	recognizes basic ethical principles completely, and distinguishes ethical and legal problems.	x
2.2.2	pays importance to the rights of patient, patient's relatives and physicians, and provides services in this context.	x
2.5.1.	displays a patient-centered and holistic (biopsychosocial) approach to patients and their problems.	x
2.5.2	respects patients, colleagues and all stakeholders in health care delivery.	x
	3. Personal Development and Values	
3.1.1	embraces the importance of updating knowledge and skills;	x
3.1.2.	searches current advancements and improves own knowledge and skills	x
3.3.1.	implements the rules of healthy living.	x
3.3.2.	displays appropriate behavior specific to work under stressful conditions.	x

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity/ day	Duration (Hour)	Total Workload (Hour)
Course Duration (10 weeks)	50	5	250
Hours for off-the-classroom study (Pre-study, practice, review/week)	45	2.5	112
Homework	-	-	-
Exam	2	2	4
Total Work Load			366
Total Work Load / 30 (h)			12.2
ECTS Credit of the Course			12