

COURSE INFORMATION					
Course Title	Code	Semester	L + P Hour	Credits	ECTS
Applications of Economics in Health Care	MED 622	Phase 1/2/3	28	2	2*
* ECTS credits are the university credits of the courses in Yeditepe University, Faculty of Medicine, Undergraduate Medical Education Program					
Prerequisites	None				

Language of Instruction	English
Course Level	Second Cycle including First Cycle Degree (One Tier Programme)
Course Type	Free Elective
Course Coordinator	
Instructors	Alper ALTINANAHTAR, MD. Assoc. Prof.
Assistants	
Goals	To teach the essentials of economics and its' core concepts' relevance with health-care.
Content	Tools and concepts of traditional microeconomics theory, health production function, cost & benefit analysis, demand for health insurance and health care markets.

Learning Outcomes: At the end of this course, the student should be able to:	Program Learning Outcomes	Teaching Methods	Assessment Methods
1) Understands the applications of micro-economic theories in health related areas.	1.3.1., 1.3.2., 1.3.3., 1.4.1., 1.4.2., 2.3.2., 2.4.1.	1,2,3	A, G, H, KS
2) Understands the causes of market failure.	1.3.1., 1.3.2., 1.3.3., 1.4.1., 1.4.2., 2.3.2., 2.4.1.	1,2,3	A, G, H, KS
3) Knows the factors effecting the Demand for health.	1.3.1., 1.3.2., 1.3.3., 1.4.1., 1.4.2., 2.3.2., 2.4.1.	1,2,3	A, G, H, KS
4) Knows health insurance supply and demand.	1.3.1., 1.3.2., 1.3.3., 1.4.1., 1.4.2., 2.3.2., 2.4.1.	1,2,3	A, G, H, KS

5) Understands how health care market operates.	1.3.1., 1.3.2., 1.3.3., 1.4.1., 1.4.2., 2.3.2., 2.4.1.	1,2,3	A, G, H, KS
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Teaching Methods	1: Lecture, 2: Question-Answer, 3: Case Discussion, 4: Presentation
Assessment Methods	A: Testing, G: Participation, H: Homework, KS: Quiz

COURSE CONTENT		
Week	Topics	Study Materials
1	Introduction to Health-Care & Economics	Bade & Parkin 1 – Folland 1 – Santerre 2
2	Economics, Essential Questions in Economics & Economic Analysis	Bade & Parkin 2 - Folland 2
3	Economic Models, Systems, and Market Mechanism	Bade & Parkin 3
4	Supply, Demand, Equilibrium and Government Intervention	Bade & Parkin 4-7 - Folland 2
5	Supply and Demand Elasticities	Bade & Parkin 5- Folland 2
6	Efficiency & Fairness of Markets	Bade & Parkin 6
7	Market Failure - Externalities	Bade & Parkin 10 - Folland 9
8	Mid Term Exam	
9	Health Production Function	Folland 4
10	Cost Benefit Analysis, Time Value of Money & Discounting	Rosen 8 – Folland 24 – Santerre 3
11	Demand for Health Insurance	Santerre 6 – Folland 7
12	Health Care Market	Bade & Parkin 12 - Rosen 9
13	Health Care Market (Cont'd)	Bade & Parkin 12 - Rosen 9
14	Final Exam	

RECOMMENDED SOURCES	
Textbook	1. The Economics of Health and Health Care, Folland, Goodman & Stano, Prentice Hall, 4 th Ed. 2. Foundations of Economics, Bade and Parkin, Pearson, 6 th Ed.
Additional Resources	3. Public Finance, Rosen ve Gayer, Mc Graw Hill, 9 th Ed. 4. Health Economics: Theories, Insights and Industry, S., Santerre & Neun, South Western, 5 th Ed.

MATERIAL SHARING

Documents	Slides and lecture notes will be shared
Assignments	Shared
Exams	Not shared

COURSE CATEGORY	Free Elective
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COURSE`S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution Level				
		1	2	3	4	5
1	PO.1.3.1.				X	
2	PO.1.3.2.					X
3	PO.1.3.3.					X
4	PO.1.4.1.				X	
5	PO.1.4.2.			X		
6	PO.2.3.2.				X	
7	PO.2.4.1.				X	

ASSESSMENT		
IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms	1	80
Quizzes, Homeworks	5	5
Attendance	14	15
	Total	100

Contribution of Final Examination to Overall Grade		45
Contribution of In-Term Studies to Overall Grade		55
	Total	100

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COUSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the Exam week: 16 x Total Course Hours)	14	2	28
Hours for off-the-classroom study (Pre-study, practice)	14	1,5	21
Mid-Terms	1	2	2
Quizzes	5	0,20	1
Homework	2	1	2
Final Examination	1	2	2
			56
			1,87
			2