

COURSE INFORMATION					
Course Title	Code	Semester	L + P Hour	Credits	ECTS
Applications of Economics in Health Care	MED 622	Spring	(2,0,0)		2

<b>Prerequisites</b>	None
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<b>Language of Instruction</b>	English
<b>Course Level</b>	Undergraduate
<b>Course Type</b>	Free Elective
<b>Course Coordinator</b>	Prof. Dr. Turgay İspir
<b>Instructors</b>	Assoc. Prof. Alper ALTINANAHTAR
<b>Assistants</b>	
<b>Goals</b>	To teach the essentials of economics and its' core concepts' relevance with health-care.
<b>Content</b>	Tools and concepts of traditional microeconomics theory, health production function, cost & benefit analysis, demand for health insurance and health care markets.

Learning Outcomes	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.,	1,2,3	A, G, H, KS

	2.4.1.		
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<b>Teaching Methods</b>	1: Lecture, 2: Question-Answer, 3: Case Discussion, 4: Presentation
<b>Assessment Methods</b>	A: Testing, G: Participation, H: Homework, KS: Quiz

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

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

<b>MATERIAL SHARING</b>
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<b>Documents</b>	Slides and lecture notes will be shared
<b>Assignments</b>	Shared
<b>Exams</b>	Not shared

<b>COURSE CATEGORY</b>	Free Elective
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<b>COURSE`S CONTRIBUTION TO PROGRAM</b>						
<b>No</b>	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	

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

<b>Contribution of Final Examination to Overall Grade</b>		45
<b>Contribution of In-Term Studies to Overall Grade</b>		55
	<b>Total</b>	<b>100</b>

<b>ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COUSE DESCRIPTION</b>			
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
			<b>Total Workload</b>
			56
			<b>Total Work Load / 30 (h)</b>
			1,87
			<b>ECTS Credit of the Course</b>
			2