



AYDIN ADNAN MENDERES UNIVERSITY
AYDIN VOCATIONAL SCHOOL OF HEALTH SERVICES
MEDICAL SERVICES AND TECHNIQUES
MEDICAL LABORATORY TECHNIQUES
COURSE INFORMATION FORM

Course Title	Health Economic								
Course Code	TS803	Course Level			Short Cycle (Associate's Degree)				
ECTS Credit	2	Workload	54 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Students in the health sector supply, demand, production, productivity, cost, to teach the basic concepts and their importance for the country's economy will be highlighted.								
Course Content	Basic concepts of health economics, health services, supply, demand, and cost the health care industry economic analysis, cost-benefit analysis, Turkey's economy and health economics, health economics, international economics, and international.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study								
Name of Lecturer(s)	Ins. Ali ALU								

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Adnan KISA, Sağlık Ekonomisine Giriş, Ankara, 1999
2	Ayşegül MUTLU, A. Kadir IŞIK, Sağlık Ekonomisine Giriş, Ekin Kitapevi, 2005
3	C. Aktan ve U. Saran, (2007), Sağlık Ekonomisi ve Sağlık yönetimi, İstanbul

Week	Weekly Detailed Course Contents	
1	Theoretical	The purpose and scope of the definition of health economics
2	Theoretical	The main concepts related to health economics
3	Theoretical	The importance of health economics in the public sector
4	Theoretical	Methods of presentation of health services and the private sector
5	Theoretical	Components of Health Economics, Personnel
6	Theoretical	Components of Health Economics, Hospital
7	Theoretical	Components of Health Economics, Medical and Technological Innovations
8	Theoretical	Global Health Policy and International Organizations
9	Intermediate Exam	midtem
10	Theoretical	European Health Transformation and the Anglo-Saxon Health Approach, health expenditure and financing the conversion processes
11	Theoretical	Health Institutions and structural transformations in Turkey's economy
12	Theoretical	The factors that determine the demand and request of the health care industry.
13	Theoretical	İhtiyaç, sağlık hizmetlerine olan talep.
14	Theoretical	The intervention of the State Health Market - Health care financing
15	Final Exam	Medline

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	1	2	2	4
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
Total Workload (Hours)				54
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Defines the basic concepts and approaches in health economics
2	Explores the role and importance of the public sector in health economics
3	Know the factors that determine the supply and demand of health care system and act accordingly
4	Evaluates the organization and financing of health economics, the presentation of institution
5	Interpret productivity analysis in hospitals

Programme Outcomes (Medical Laboratory Techniques)

1	To be able to have sufficient back ground in medical laboratory techniques and medical laboratory branches (biochemistry, microbiology, parasitology, sitogenetik etc.); the ability to use theoretical and practical knowledge in these fields.
2	To be able to have the basic theoretical and practical knowledge and other resources have been supported applications and tools based on secondary-level qualifications gained in the field of Medical Laboratory Techniques Program to-date text books containing formations
3	To be able to have basic knowledge about structure and function of systems in human, to analyse these data on tissue, cell and diseases.
4	To be able to analyse the medical samples necessary for physicians by using tools, equipment and techniques at the diagnostic and the therapeutic laboratories of health agencies and evaluate the data.
5	To be able to use the medical laboratory tools and equipments according to rules and techniques, and make controls and maintenance of them
6	To be able to perform basic tests of related different medical laboratories, prepare solutions.
7	To be able to perform proper sample collection and transport procedures for the medical laboratory tests from the patient.
8	To be able to perform preanalytical sample preparation procedure, prepare inspection preparations, perform disinfection and sterilization
9	To be able to interpret and evaluate data, define and analyze problems, develop solutions based on research and proofs by using acquired basic knowledge and skills with in the field.
10	To be able to have knowledge about work organization and carry out related practice in medical laboratories
11	To be able to carry out laboratory safety protocols, take individual safety precaution and create safe laboratory environment.
12	To be able to gain the ability to apply by viewing and evaluating the processes related to his/her fields in public and private sector.
13	To be able to gain the awareness of the necessity of life long learning, ability to follow developments in science and technology and self-renewal.
14	To be able to help laboratory experts and medical scientists for their researches
15	To be able to be aware of individual and public health, environmental protection and job security issues, understanding the basic level of the relationship.
16	To be able to grasp principles of Atatürk and there volutions, to ensure national, ethical, spiritual and cultural values, to adopt to universal and contemporary developments
17	To be able to communicate efficiently for medical service and speak Turkish efficiently.
18	To be able to communicate in English at basic level, utilize foreign language on occupational practice

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P15	4	4	4	4
P17	4	4	4	4

