



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Public Health and Epidemiology							
Course Code		TS004		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	70 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		At the end of the course, the student will learn the concept of public health, principles of health protection, primary health care and health indicators, and comprehend the public health approach to important health problems in the community.							
Course Content		Public Health Concept and Principles, Primary Health Care /Health Management, Demography / Health Indicators, Epidemiology, Medical Deontology, Health Promotion and Education, Reproductive Health, Child Health, Environmental Health, Occupational Health, Communicable Diseases and Immunization, Injuries and the Importance of First Aid Training, Community Nutrition							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Halk Sağlığı Temel Bilgiler, editörler: Ç. Güler, L. Akın. Ankara: H.Ü. Yayınları, 2006
2	Öztek Z. Temel Sağlık Hizmetleri, Ankara, 1992 (İkinci Baskı)
3	Bahar Özvarış Ş. Sağlık Geliştirme ve Sağlık Eğitimi. Ankara: Hacettepe Üniversitesi Yayınları, 2011.

Week	Weekly Detailed Course Contents	
1	Theoretical	Public Health Concept and Principles
2	Theoretical	Primary Health Care /Health Management
3	Theoretical	Demography / Health Indicators
4	Theoretical	Epidemiology
5	Theoretical	Medical Deontology
6	Theoretical	Occupational Health
7	Theoretical	Communicable Diseases and Immunization
8	Theoretical	Environmental Health
9	Theoretical	Midterm
10	Theoretical	Health Promotion and Education
11	Theoretical	Reproductive Health
12	Theoretical	Child Health
13	Theoretical	Community Nutrition
14	Theoretical	Injuries and the Importance of First Aid Training
15	Theoretical	Injuries and the Importance of First Aid Training

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Term Project	1	4	4	8
Midterm Examination	1	2	1	3
Final Examination	1	2	1	3
Total Workload (Hours)				70
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Explains the public health concept and the main principles of health protection.
2	Defines primary health care services.
3	Explains important health indicators.
4	Explains the main principles of medical deontology.
5	Explains the public health approach to important health issues in the community, such as reproductive health, child health, environmental health, community nutrition, occupational health, immunization, injuries and the importance of first aid training, and chronic disease control.

Programme Outcomes (Physiotherapy)

1	To be able to recall the information of research methods and statistics so as to follow the developments, monitor and interpret scientific literature
2	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of physical therapy
3	To be able to recall knowledge of the general structure and properties of musculoskeletal system and the joints and to evaluate the story of musculoskeletal diseases.
4	To be able to comprehend the methods of measurement of the range of motion of joints and to measure it.
5	To be able to implement a general evaluation of posture analysis and gait analysis.
6	To be able to recall the knowledge about general characteristics of musculoskeletal diseases, osteoporosis, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, especially rheumatic diseases, mechanical low back and neck pain, disc herniation, soft tissue disorders and to apply appropriate physiotherapy.
7	To be able to recall the knowledge and gain skills about the devices and the agents of heater used in physical therapy, indications and contraindications of using, and the necessary information about how to apply on patients.
8	To be able to recall the knowledge of the electromagnetic field.
9	To be able to recall what Elektroakupunktur, Laser, Biofeedback, cervical and lumbar traction systems, pneumatic compression therapy are, and how to apply them, which one is applicable to patients.
10	To be able to recall what manipulation-mobilization is and which patients are suitable for this application.
11	To be able to recall what massage and hydrotherapy treatments are and which patients are suitable for these applications.
12	To be able to gain the professional and ethical awareness, apply gained knowledge and skills in real life situations and transfer gained knowledge to individuals around her/his environment, and improve behavior of life-long learning.
13	To gain knowledge about methods of diagnosis, protection and treatment of diseases
14	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to neurological disorders.
15	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to cardiopulmonary disorders.
16	To be able to recall the knowledge and gain skills about physical therapy and rehabilitation methods to be applied to pediatric patients.
17	To be able to gain knowledge about the effects of fitness and exercise on metabolism and responses of body systems to them.
18	To have knowledge about rehabilitation services
19	To become individuals who can do interdisciplinary team work, with a sense of social responsibility and entrepreneur.
20	To be able to recall the knowledge about Atatürk's Principles and the History of Turkish Revolution.
21	To be able to gain the knowledge and ability to become contemporary individuals who can use Turkish language grammar well and know a foreign language knowledge necessary to follow the developments in the profession.

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

	L1	L2	L3	L4	L5
P2	3	3	3	3	3

