



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 (Dialysis)

1	To be able to comprehend the duties and responsibility of dialysis technicians. To be able to work in a team with members of other health professions.
2	To be able to acquire a general knowledge of human anatomy, physiology and biochemistry
3	To be able to gain knowledge of blood-borne infectious diseases, especially infectious diseases such as hepatitis and universal prevention methods
4	To be able to have knowledge of blood-borne infectious diseases, especially infectious diseases such as hepatitis and universal prevention methods
5	To be able to recognize hemodialysis machine, and have knowledge and skills will be used it during operation of dialysis
6	To be able to have the knowledge of application on peritoneal dialysis and skills be able to train patient on this.
7	To be able to acquire dialysate characteristics, have necessary skills on preparation and application
8	To be able to gain the knowledge and skills on the basic principles of water treatment, application methods, and control of purified water as a level of practitioner
9	To be able to comprehend the principles of patient care, complications during dialysis operation what patients may be encounter and perform necessary knowledge and skills to take necessary measures to protect patient from these complications.
10	To be able to gain knowledge and equipment related to educating on problems that the long-term dialysis patients may have.
11	To be able to understand periodic examinations during the follow up dialysis patients and recognize pathologies in the early period, and have the knowledge and skills to take necessary precautions in time
12	To be able to have the knowledge of the dialysis patients, physiological, social and psychological problems, and perform necessary support skills on these issues for the patient
13	In general to be able to comprehend the knowledge of, drugs, dosage, side effects, and toxic effects, routes of administration of drugs and drug use in patients with chronic renal failure
14	To be able to acquire a high level knowledge of fluid and electrolyte problems with general issues nephrology, acid-base balance disorder, nephrology and urology kidney disease, chronic and acute renal failure.
15	To be able to comprehend the methods of diagnosis and treatment of diseases of the system, and have knowledge of fighting and protecting from especially problems that can be seen in dialysis patients as level of practitioner and getting patient compliance.
16	To be able to have knowledge of statistics and research methods as a level of following the developments, monitoring and interpreting scientific publications.
17	To be able to gain the knowledge of foreign language as a level of communicating and following developments.
18	To be able to be willing to self-improvement as an individual committed to the principles and reforms of Atatürk and keeping on the some of the rules of social life, customs and traditions, depending on the interests of the country on their own interests as a member of society,

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

	L1	L2	L3	L4	L5
P3	5	5	5	5	5
P15	3	3	3	3	3
P16	5	5	5	5	5

