



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Applications of Epidemiology in Occupational Health and Occupational Epidemiology							
Course Code		İŞH510		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	96 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Use of epidemiology in occupational health, to make a special application of epidemiology in occupational health							
Course Content		The importance of occupational epidemiology in occupational health, data sources, Workplace health records, health indicator in occupational health							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

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

### Recommended or Required Reading

1	Karvonen M, Mikheev MI. Epidemiology of occupational health. WHO, 1986 Checkoway
2	Pearce, J. Douglas, "Research Methods in Occupational Epidemiology", Oxford University Press (2004).
3	Aksakoğlu D.: Bulaşıcı Hastalıklarla Savaş İlkeleri, Hacettepe Üniv.DSÖ Hiz. Araştırma Merkezi Yayını no:3, Ankara, 1983.
4	Gülesen Ö.: Epidemiyoloji. Bursa Ü. Yayınları No: 23. üniversite basımevi 1981.
5	Akbulut T., Sabuncu M.: Epidemiyoloji Prensi ve Uygulamaları Sistem Yayıncılık, İstanbul, 1993.
6	Tezcan S.: Epidemiyoloji, Tıbbi Araştırmaların Yöntem Bilimi. Halk Sağlığı Vakfı, Meteksan, Ankara 1992.
7	Bertan M., Güler Ç.: Halk Sağlığı Temel Bilgileri, Güneş Kitapevi 1995.
8	Dirican R., Bilgel N.: Halk Sağlığı (Toplum Hekimliği) 3.baskı, Uludağ Üni. Basımevi, Bursa. 1993.
9	Güler, Ç., Akın L. (2006) Halk Sağlığı Temel Bilgiler, Hacettepe Üniversitesi Yayınları, Ankara

Week	Weekly Detailed Course Contents	
1	Theoretical	The importance of Epidemiology in Occupational Health
	Preparation Work	Scanning, reading
2	Theoretical	Data Sources in occupational Health
	Preparation Work	Scanning, reading
3	Theoretical	Workplace health records, health indicator in occupational health
	Preparation Work	Scanning, reading
4	Theoretical	Research, Study design in Occupational Health
	Preparation Work	Scanning, reading
5	Theoretical	Study types, survey methods in occupational health
	Preparation Work	Scanning, reading
6	Theoretical	The importance of cluster cases in occupational health
	Preparation Work	Scanning, reading
7	Theoretical	Cohort in occupation health
	Preparation Work	Scanning, reading
8	Preparation Work	Scanning, reading
	Intermediate Exam	Mid-Term Exam
9	Theoretical	Cancer research in occupational health
	Preparation Work	Scanning, reading
10	Theoretical	Exposure assessment in epidemiology; chronical, cumulative, multipl exposure
	Preparation Work	Scanning, reading
11	Theoretical	Classification based studies
	Preparation Work	Scanning, reading



12	Theoretical	Specialized epidemiology topics in occupational health-I
	Preparation Work	Scanning, reading
13	Theoretical	Specialized epidemiology topics in occupational health-II
	Preparation Work	Scanning, reading
14	Theoretical	Occupational health literature
	Preparation Work	Scanning, reading
15	Theoretical	Occupational health literature
	Preparation Work	Scanning, reading
16	Preparation Work	Scanning, reading
	Final Exam	Term Exam

**Workload Calculation**

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Midterm Examination	1	15	2	17
Final Examination	1	20	3	23
Total Workload (Hours)				96
[Total Workload (Hours) / 25*] = <b>ECTS</b>				4
*25 hour workload is accepted as 1 ECTS				

**Learning Outcomes**

1	Acquire basic knowledge and skills related to Epidemiology in occupational Health
2	Can access and review the literature on Epidemiology in Occupational Health
3	Conduct epidemiological studies in the field of Occupational Health
4	Conduct epidemiological studies in the field of Occupational Health
5	Conduct epidemiological studies in the field of Occupational Health

**Programme Outcomes (Occupational Health Nursing Master's Without Thesis)**

1	Student has the current theoretical and practice knowledge in Master's degree in Occupational Nursing field based on his previous learning in bachelor's degree, student realizes the knowledge, deepens and uses it
2	Student brings solutions to the issues which require expertise and is related to the Occupational Nursing Student solves the problem, he/she evaluates the results obtained and applies as needed
3	To be able to create new information by integrating different disciplinary in Occupational Nursing field.
4	Student shares and discusses his/her knowledge, current developments and his/her own researches systematically with groups from or outside of his/her field in written, verbal, or visual way
5	Student follows based on evidence practices and makes researches creating evidence about professional application in his/her own field.
6	Student manages researches about his/her field independently or in a team
7	Student has information on statistics, uses related soft wares efficiently, chooses correct statistical methods while making researches, has the skills to calculate and comment.
8	Student using research and statistical information can write report of the researches he/she made or participated and publishes it in an internationally accepted refereed journal or presents it in academic meetings
9	Student can make strategy and policy in topics related to Occupational Nursing, comments practice plans, and evaluates obtained results in scientific and ethical frame

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

	L1	L2	L3	L4	L5
P1	4	4	4	4	4
P2	4	4	4	4	4
P3	5	5	5	5	5
P4	4	4	4	4	4
P5	4	4	4	4	4
P6	5	5	5	5	5
P7	5	5	5	5	5
P8	5	5	5	5	5
P9	5	5	5	5	5

