AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Applications of Epidemiology in Occupational Health and Occupational Epidemiology						
Course Code	İŞH510		Couse 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 Prensip 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	Occupatiponal health literature
	Preparation Work	Scanning, reading
15	Theoretical	Occupatiponal 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*] = **ECTS**		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 *(Public Health Nursing Master)*

1	PO 1. Student has the current theoretical and practice knowledge in Master's degree in Public Health Nursing field based on his previous learning in bachelor's degree, student realizes the knowledge, deepens and uses it.
2	PO 2. Student brings solutions to the issues which require expertise and is related to the Public Health Nursing. Student solves the problem, he/she evalvates the results obtained and applies as needed
3	PO 3. To be able to create new information by integrating different disciplinary in Public Health Nursing field
4	PO 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	PO 5. Student follows based on evidence practices and makes researches creating evidence about professional application in his/her own field
6	PO 6. Student manages researches about his/her field independently or in an team
7	PO 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	PO 8. Student 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	PO 9. Student can make strategy and policy in topics related to Public Health Nursing, comments practice plans, and evaluates obtained results in scientific and ethical frame
10	PO 10. Student makes verbal and writing communication using one foreign language at least B2 level in European language portfolio
11	PO 11. To be able to comprehend the importance of ethical principles and ethical rules for the individual and society and behave ethic

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