

# TOROS ÜNİVERSİTESİ

Faculty Of Health Sciences

## Course Information

EPIDEMIOLOGY					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
SKY204	Spring	2	0	2	2

<b>Prerequisites and co-requisites</b>	None
<b>Language of instruction</b>	Turkish
<b>Type</b>	Required
<b>Level of Course</b>	Bachelor's
<b>Lecturer</b>	Prof. Dr. Servet Özgür
<b>Mode of Delivery</b>	Face to Face
<b>Suggested Subject</b>	None
<b>Professional practise ( internship )</b>	None
<b>Objectives of the Course</b>	This course is to acquaint students and familiarize them epidemiology, preventing and control of diseases.
<b>Contents of the Course</b>	Definition of epidemiology, history, strategies, areas of use DESCRIBING THE EVENTS RELATED TO HEALTH AND ILLNESS HEALTH EVALUATION EPIDEMIOLOGY AND PREVENTION CONCEPT OF CAUSALITY (CAUSE) IN EPIDEMIOLOGY EPIDEMIOLOGICALLY INVESTIGATION OF OUTBREAKS STRUGGLING AGAINST DISEASES

## Learning Outcomes of Course

#	Learning Outcomes
1	Explain the definition of epidemiology
2	Describe epidemiological methods
3	Explains the benefits of epidemiological methods
4	Gains knowledge of determining the distributions of diseases and health related events
5	Explains the cause-effect relationship and causality factors in epidemiology
6	Gains knowledge on epidemiological investigation of outbreaks.

## Course Syllabus

#	Subjects	Teaching Methods and Technics
1	INTRODUCTION TO EPIDEMIOLOGY: Definition of epidemiology, history, strategies, areas of use -I	Lecture, Discussion
2	INTRODUCTION TO EPIDEMIOLOGY: Definition of epidemiology, history, strategies, areas of use -II	Presentation
3	DESCRIBING THE EVENTS RELATED TO HEALTH AND ILLNESS	Lecture, Discussion
4	HEALTH EVALUATION -MEASUREMENTS USED IN EPIDEMIOLOGY -I	Lecture, Discussion
5	HEALTH EVALUATION -MEASUREMENTS USED IN EPIDEMIOLOGY -II	Presentation
6	DEMOGRAPHIC STRUCTURE INVESTIGATION OF POPULATION	Lecture, Discussion
7	EPIDEMIOLOGY AND PREVENTION	Presentation
8	Midterm exam week	
9	CONCEPT OF CAUSALITY (CAUSE) IN EPIDEMIOLOGY	Lecture, Discussion, Presentation
10	EPIDEMIOLOGICALLY INVESTIGATION OF OUTBREAKS	Presentation, Discussion

11	STRUGGLING AGAINST ACUTE RESPIRATORY TRACT INFECTIONS (ARI)	Presentation, Discussion
12	STRUGGLING AGAINST DIARRHOEAL DISEASES	Presentation, Discussion
13	EPIDEMIOLOGY OF CHRONICAL DISEASES AND STRUGGLING AGAINST CHRONICAL DISEASES -I	Presentation, Discussion
14	EPIDEMIOLOGY OF CHRONICAL DISEASES AND STRUGGLING AGAINST CHRONICAL DISEASES -II	Presentation, Discussion
15	EPIDEMIOLOGY OF CHRONICAL DISEASES AND STRUGGLING AGAINST CHRONICAL DISEASES -III	Presentation, Discussion
16	Final Exam	

## Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	MacMahon B. and D. Trichopoulos., 1996.Epidemiology: Principles and Methods, Lippincott Williams & Wilkins, 2nd Ed.		
2	Beaglehole R., R. Bonita and T. Kjellström., 2006. Basic Epidemiology, WHO. 2nd Edition.		
3	Özgür S., 2008. Halk Sağlığı Ders Kitabı, basılmamış döküman.		
4	Last, JM., RB Wallace., 1992. Maxcy-Rosenau-Last Public Health and Preventive Medicine, Appleton& Lange. 13th Ed.		
5	Greenberg, RS., SR Daniels, WD Flanders, JW Eley, and JR Boring, 1993. Medical Epidemiology, A Lange Medical Book. 1st Ed.		
6	Benenson, AS., 1981. Control of Communicable Diseases in Man, The American Public Health Association. 13th Ed.		
7	Arı, A., 1982 Enfeksiyon Hastalıkları Epidemiyolojisi, Hacettepe Üniversitesi Toplum Hekimliği Bölümü, Yayın No: 19		
8	Tuncer, A., 1982. Toplum Sağlığında İnfeksiyon Hastalıkları ve Korunma, Hacettepe Üniversitesi Yayınları, A-43.		
9	Güler Ç., Akın, L., 2006. Halk Sağlığı Temel Bilgiler, Hacettepe Halk Sağlığı Vakfı.		
10	Tyler, Jr. C.W. and Last, J.M. “ Epidemiology. ” In: Maxcy-Rosenau-Last. Public Health & Preventive Medicine. Eds.: John M. Last and Robert B.Wallace, Prentice-Hall International Inc., Appleton & Lange 13th Edition, East Norwalk, Connecticut, USA, 1992. ISBN 0-8385-6182-9. Pp. 11-39.		
11	Barker, D.J.P. Pratik Epidemiyoloji. Çev.: Münevver Bertan ve Sabahat Tezcan, 2. Baskı, Hacettepe Üniversitesi-Dünya Sağlık Örgütü Hizmet Araştırma ve Araştırmacı Yetiştirme Merkezi Yayını, No: 1, Ankara, 1979.		

## Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

## Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Explain the definition of epidemiology	2,14	1,2
2	Describe epidemiological methods	2,14	1,2
3	Explains the benefits of epidemiological methods	2,14	1,2
4	Gains knowledge of determining the distributions of diseases and health related events	2,14	1,2
5	Explains the cause-effect relationship and causality factors in epidemiology	2,14	1,2
6	Gains knowledge on epidemiological investigation of outbreaks.	2,14	1,2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

## Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	2	28
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	1	14
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	8	8
8	Midterm Exam	1	1	1
9	Homework	0	0	0
10	Midterm Project	0	0	0
11	Quiz	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	18	18
16	Final Exam	1	1	1
				<b>70</b>