



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Disease Transmitting Insects							
Course Code		ÇS073		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To get to know insects that transmit pathogens to humans in Turkey, understand the methods of control of these insects and learn the prevention from the diseases.							
Course Content		General characteristics of insects, concept of vector, biological and mechanical transmission, Phlebotamus, Anopheles, Culex, Aedes, Pulex, Pediculus, Musca, Cockroaches and , Hyalomma; morphological and biological features, vector species, ecology, transmitted diseases, epidemiology, prevention and control of insect vectors.							
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	Böcek- Sinan Tuzcu
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Week	Weekly Detailed Course Contents	
1	Theoretical	General characteristics of insects
2	Theoretical	Concept of vector, biological and mechanical transmission
3	Theoretical	Morphological and biological characteristics and ecology of mosquitoes, Filariasis
4	Theoretical	West Nile virus, epidemiology, prevention
5	Theoretical	Anopheles (Mosquitoes); morphological and biological features, vector species, ecology, Malaria, epidemiology, prevention
6	Theoretical	Phlebotomus; morphological and biological features, vector species, ecology
7	Theoretical	Leishmaniasis epidemiology, ways of prevention
8	Theoretical	Midterm Exam
9	Theoretical	Pulex (Fleas); morphological and biological features, vector species, ecology, Plague, epidemiology, prevention
10	Theoretical	Pulex (Fleas); morphological and biological features, vector species, ecology, Plague, epidemiology, prevention
11	Theoretical	Pediculus (Louse); morphological and biological features, vector species, ecology, transmitted diseases, epidemiology, prevention
12	Theoretical	Cockroaches; morphological and biological features, vector species, ecology, transmitted diseases, epidemiology, prevention
13	Theoretical	Musca domestica (House flies); morphological and biological features, ecology, transmitted diseases, epidemiology, prevention
14	Theoretical	The important noninsect vector: Hyalomma (Ticks) (Acari: Ixodidae); morphological and biological features, vector species, ecology, transmitted diseases, epidemiology, prevention
15	Theoretical	Control of insect vectors

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Midterm Examination	1	2	1	3



Final Examination	1	4	1	5
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To able to recognize the insects
2	2. To able to learn concept of vector
3	To able to learn human diseases that transmitted by insects in Turkey
4	4. To gain knowledge about prevantaion methods of diseases that transmitted by insects
5	Define the morphological features of insects

Programme Outcomes (Medical Documentation and Secretarial Practices)

1	Write and pronounce medical terms correctly.
2	Collect data of medical statistics and report the results periodically after analyzing them scientifically.
3	Learn basic structure of human body and important system diseases.
4	Know principles and rules of medical secretaryship. Protect patients? rights and privacy.
5	Use Turkish and body language in a correct and effective way.
6	Run internal and external correspondence of the foundation, keep the files of the documents after classification, organize them and archive in line with filing techniques.
7	Establish verbal and written communication inside the foundation and out of foundation.
8	Make the coding procedure of diseases and health problems according to existing international classification systems.
9	Run the counseling services for patients and their relatives.
10	Solve the problems that are encountered in work life quickly and effectively.
11	Use the necessary equipment for professional practices such as computer and office devices effectively.
12	Improve professional knowledge and skills continuously.
13	Executes any patient registration-documentation processes
14	Makes archiving operations
15	Prepares medical documents
16	Knows Turkish history and Atatürk's revolutions.
17	Adapt to team work in application areas.
18	Knows and defines diseases.
19	Have general information about the world and biological formations.
20	English speaking writer

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

	L1	L2	L3	L4
P1	1	1	1	1
P2	2	2	2	2
P3	2	2	2	2
P19	5	5	5	5

