AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Disease Transmitting Insects								
Course Code	ÇS073		Couse 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

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 learrn 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 *(Anesthesia)*	
1	To be able to recall basic knowledge about human anatomy
2	To be able to recall the knowledge about Ataturk's principles and the history of Turkish Revolution
3	To be able to recall the knowledge about ethical and moral values
4	To be able to recall the knowledge of Turkish grammer and be able to use it
5	To be able to communicate effectively with patient, their family, and own team
6	To be able to control, use, and maintain the anesthesia machines
7	To be able to recall the information about anesthesia application in the system diseases
8	To be able to recall the issues that needed to be considered in follow-up of patients in intensive care.
9	To be able to make the patiens' care in intensive care
10	To be able to apply the cardiopulmonary resuscitation.
11	To be able to apply the drug, liquid and blood to the patient.
12	To be able to apply nasogastric tube to the patient and to aspirate.
13	To be able to assist the implementation of general anesthesia to patient.
14	To be able to recall the drugs used in general and regional anesthesia and learn to use them safely.
15	PO15. Can help during the maintanence, ending and post anaesthesia process.
16	Can help the practices of anesthesia and sedation outside the operation room.
17	Can communicate at the basic level of a foreign language and use this language in his job.
18	Be able to communicate at a basic level in a foreign language and be able to use this language in professional fields
19	To have the appropriate knowledge of basic sciences at the level of interest, to use specific medical terms and terminology of field

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	3	3	3	3	3