



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 (First and Emergency Aid)

1	To be able to be aware of their professional authorities and responsibilities.
2	To be able to use the principles of individual and organizational communication skills.
3	To be able to define the emergency medical services and the pre-hospital emergency medical system devices used in Turkey and the world .
4	To be able to perform physical assessment of the patient and primary and secondary inspection.
5	To be able to apply the methods of handling and transportation of the patient
6	To be able to recognize the rules of the general approach to trauma patients and to be able to be capable of handling and maintenance of trauma equipment.
7	To be able to recognize emergency vehicles' mechanical and technical equipment and to be able to drive emergency vehicles.
8	To be able to identify the principles of pre-hospital emergency care in cases of environmental emergencies.
9	To be able to identify the principles of pre-hospital emergency care in medical emergencies.
10	To be able to analyze the ECG rhythm and apply the principles of pre-hospital emergency care for rhythm Disorders.
11	To be able to recognize and apply the pre-hospital emergency care drugs and fluids.
12	To be able to identify basic life support applications, Advanced Life Support applications and Advanced air way applications.
13	To be able to recognize the principles of pre-hospital emergency during disasters.
14	To be able to protect and maintain the highest level of physical and mental health.
15	To be able to recognize human anatomy and physiology.
16	To be able to develop good communication and human relations skills with colluques and patients.
17	To be able to apply Infection Control Methods and check infectional situations of emergency vehicles and equipment, ensure the conditions of asepsis-antisepsis and pre-hospital emergency care with Infectious Diseases.
18	To have the appropriate knowledge of medical 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
P1	1	1	1	1	1

