



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Drugs of the Chemotherapy, III (Anticeptic-Desinfectans)							
Course Code		VFT529		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	6	Workload	154 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		To teach the use of antiseptics and disinfectants, to teach application these drugs, to teach the mechanism of action of these drugs							
Course Content		Usage and application of antiseptics and disinfectans are examined.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving					
Name of Lecturer(s)		Lec. Hande Sultan ŞAHİNER							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Veterinary Pharmacology and Therapeutics, 8th Edition, Jim E. Riviere (Editor), Mark G. Papich (Editor), 2009.
2	Modern Pharmacology, 6th Edition, Lippincott Williams and Wilkins, 2004 (Ed. C.R. Craig and R.E. Stitzel)
3	Basic and Clinical Pharmacology, 9th Edition, McGraw-Hill, New York, 2004 (Ed. B. Katzung)
4	Goodman and Gilman's The Pharmacological Basis of Therapeutics 11th Edition, McGraw-Hill, 2006 (Eds. Brunton, Lazo, Parker, Buxton and Blumenthal)
5	Lippincott's Illustrated Reviews: Pharmacology, 3rd Edition, Lippincott Williams and Wilkins, 2005 (Eds. Howard, Mycek, Harvey & Champe)
6	The Veterinary Formulary edited by Yolande Bishop. London Pharmaceutical Press in association with the British Veterinary Association 2001.
7	Pharmacology. Franklin A. Ahrens. Baltimore, Md. London Williams & Wilkins 1996.

Week	Weekly Detailed Course Contents	
1	Theoretical	Nomenclature of antiseptics and disinfectants
2	Theoretical	The mechanism of action of antiseptics and disinfectants
3	Theoretical	Effectiveness tests of antiseptics and disinfectants
4	Theoretical	Properties of ideal antiseptics and disinfectants
5	Theoretical	Important points of the use of antiseptics and disinfectants
6	Theoretical	Teat antispis and antiseptics
7	Intermediate Exam	Midterm exam
8	Theoretical	Classification of antiseptics and disinfectants
9	Theoretical	Phenols, alcohols and aldehyde
10	Theoretical	Acids, alkalis and halogenated compounds
11	Theoretical	Oxidizing agents and heavy metals
12	Theoretical	Surface active agents and dyes
13	Theoretical	Biguanides and amphoteric substances
14	Theoretical	The other antiseptics and disinfectants
15	Theoretical	Discussion
16	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	5	2	98
Assignment	10	1	1	20
Seminar	2	3	2	10



Laboratory	5	1	1	10
Midterm Examination	1	4	2	6
Final Examination	1	8	2	10
Total Workload (Hours)				154
[Total Workload (Hours) / 25*] = ECTS				6
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	To learn the use of antiseptics and disinfectants and the application methods of antiseptics and disinfectants
2	To learn the mechanism of action of antiseptics and disinfectants
3	To learn the classification of antiseptics and disinfectants
4	To learn knowledge and propose suggestions on the area
5	To find out and use resources about the profession in the area.

Programme Outcomes (Veterinary Pharmacology and Toxicology Master)

1	to be able to comprehend expert knowledge on field of pharmacology and toxicology in veterinary medicine
2	to be able to define expert knowledge on interdisciplinary interaction in pharmacology and toxicology
3	to be able to formulate ideas to solve complex problems using theoretical and practical information gained throughout the pharmacology and toxicology education
4	to be able to integrate and interpret information in the area of pharmacology and toxicology with information in different fields and, if the need arises, provides scientific information and solutions to solve problems.
5	to be able to develop and use strategies in his/her field of expertise in Master's Program of Pharmacology and Toxicology
6	to be able to comprehend methods of obtained and submitted scientific knowledge
7	to be able to analyse current information related to his/her field of expertise (scientific information, procedures etc.) and use them when necessary.
8	to be able to apply technological tools in social relationships of vocational and professional environment.
9	to be able to review, evaluate and interpret any data (field observations, available scientific information etc.) towards a specific purpose.
10	to be able to comprehend expert knowledge on the function and basic pharmacological features of pharmacology and sub-branches of science, relationship between the drug and poison, pharmacokinetic, effects of the drugs, the dose-intensity and dose-effect relationship.
11	to be able to identify expert knowledge on the function and basic toxicological features of poison, classifications and types of poisoning, toxicokinetic, general principles of treatment of poisoning.
12	to be able to define and use laboratory equipment in a pharmacology and toxicology laboratory.

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		
P2	3	3			
P3	3	3			5
P4					4
P5	5	5			5
P6				5	5
P7				4	
P8					4
P9				5	5
P10	5	5	5		

