NEAR EAST UNIVERSITY
Faculty of Veterinary Medicine Course Curriculum

1.	Course Name	MICROBIOLOGY II
2.	Course Code	VTE210
3.	Course Type	Compulsory
4.	Course Level	Undergraduate
5.	Year	2
6.	Semester	Spring, 4VETT
7.	ECTS Credits	4
8.	National credits	3
9.	Theoretical Course Hours (hours/week)	2 hours/week
10.	Practical Course Hours (hours/week)	2 hours/week
11.	Course Prerequisites	None
12.	Other Topics Recommended for the Course	None
13.	Course Language	English
14.	Course Format	Face-to-face
15.	Course Coordinator	Asst. Prof. Dr. Halit ŞÜKÜR
16.	Other Lecturers that Give the Course	None
17.	Communication Details of the Coordinator	halit.sukur@neu.edu.tr
18.	Course Web Address	
19.	Course Aim	To raise awareness of the related terminology and to develop this, To develop the skills chosen/specified To develop the students' existing knowledge regarding terms/terminology/subjects To develop students' ideas/knowledge/understanding in the context of the selected terminology.
20.	Contribution of the Course to Occupational Development	To inform the students about the important bacterial diseases in Veterinary Medicine

		LO1	Will understand the related terms/terminology Will be able to synthesize different terms and terminology to create their own unique approaches. Will be able to discuss the related terms/terminology
		LO2	Will be able to discuss the possible applications of the related terms/terminology and provide recommendations Will be able to apply the related terms/terminology to other situations/cases in real life
	Course Learning Outcomes	LO3	Will be able to critically analyse the real-life applications of the related terms/terminology Will be able to develop a unique approach to related terms Preparation for presentation(s)
		LO4	Will be able to evaluate their own work according to the given scales Will be able to evaluate their peers work according to given scales Will be able to develop/create new approaches
		LO5	Will be able to define and explain the related terms Will be able to appreciate the value of learning Will be able to apply the principles of how to show the selected reference when producing an academic article.
21.		LO6	Will be able to develop/create a new product within the given parameters Will be able to independently carry out given work Will be able to carry our given work as a group

		WEEK	THEORETICAL COURSE CONTENT	PRACTICAL COURSE CONTENT
		1.	Staphylococci and Streptococci infections	Staphylococci and Streptococci infections laboratory diagnosis procedure
		2.	Enterobacteriaceae infections (E. coli)	Enterobacteriaceae infections (E. coli) laboratory diagnosis procedure
		3.	Enterobacteriaceae infections (Salmonella, Klebsiella, Yersinia)	Enterobacteriaceae infections (Salmonella, Klebsiella, Yersinia) laboratory diagnosis procedure
		4.	Pasteurella, Mannheim, Haemophilus and Actinobacillus infections	Pasteurella, Mannheimia, Haemophilus and Actinobacillus infections laboratory diagnosis procedure
	Course Content	5.	Burkholderia and Pseudomonas infections	Burkholderia and Pseudomonas infections laboratory diagnosis procedure
		6.	Neisseria, Moraxellaceae and Alcaligenaceae infections	Neisseria, Moraxellaceae and Alcaligenaceae infections laboratory diagnosis procedure
		7.	Taylorella, Bordetella and Francisella infections	Taylorella, Bordetella and Francisella infections laboratory diagnosis procedure
		8.	Brucella infections	Brucella infections laboratory diagnosis procedure
		9.	Campylobacter and Bartonella infections	Campylobacter and Bartonella infections laboratory diagnosis procedure
22.		10.	Helicobacter, Listeria İnfections-Erysipelothrix and Actinomycetaceae infections	Helicobacter, Listeria infections-Erysipelothrix and Actinomycetaceae infections laboratory diagnosis procedure

		11.	Corynebacterium, Rhodococcus infections-Mycobacterium infections	Corynebacterium, Rhodococcus infections-Mycobacterium infections laboratory diagnosis procedure
		12.	Bacillus infections and Clostridium infections	Bacillus infections and Clostridium infections laboratory diagnosis procedure
		13.	Dichelobacter-Fusobacterium and Spirochete infections	Dichelobacter-Fusobacterium and Spirochete infections laboratory diagnosis procedure
		14.	Coxiella, Chlamydophila, Mycoplasma, Ureaplasma, and Rickettsia infections	Coxiella, Chlamydophila, Mycoplasma, Ureaplasma, and Rickettsia infections laboratory diagnosis procedure
23.	Course Book, References and/or Other Resources	Aydın N, İzgur M, Diker KS, Yardımcı H, Esendal ÖM, Paracıkoğlu J, Akan M (2006). Veteriner Mikrobiyoloji (Bakteriyel Hastalıklar). Aydın N, Paracıkoğlu J (Eds). İlke Emek Yayınları, Ankara. ISBN: 975-6268-06-9.		

		SEMESTER WORK	NUMBER	PERCENTAGE OF CONTRIBUTION
24.	Evaluation	Midterm Exam	1	20
		Short Exam	1	10
		Homework, Performance	1	20
		End of Year Exam	1	50
		Total	4	100
		Evaluation Approaches	The exams are carried out in the form of tests, assignments are in the form of presentations	

		Activity	NUMBER	Duration [Hours]	Total Workload [Hours]
25.	ECTS / Workload Table	Theoretical Courses	14	2	28
		Applied Courses	14	2	28
		Extracurricular Lesson Study Time (Preparation, revising)	9	2	18
		Homework, Performance	8	2	16
		Projects			
		Field Studies			
		Final Exams	1	1	1
		Other	14	2	28
		End of Semester Exams	1	1	1
		Total Workload			120
		Total Workload/ 30 Hours			120/30
		Course ECTS Credits			4

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