NEAR EAST UNIVERSITY
Faculty of Veterinary Medicine Course Curriculum

1.	Course Name	VIRAL VACCINES
2.	Course Code	VTE248
3.	Course Type	Elective
4.	Course Level	Undergraduate
5.	Year	2
6.	Semester	Spring, 4VETT
7.	ECTS Credits	2
8.	National credits	1
9.	Theoretical Course Hours (hours/week)	1h/week
10.	Practical Course Hours (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	Assist. Prof. Dr. Bilge Kaan TEKELİOĞLU
16.	Other Lecturers that Give the Course	-
17.	Communication Details of the Coordinator	bilgekaan.tekelioglu@neu.edu.tr
18.	Course Web Address	
19.	Course Aim	In this course, information will be given about the vaccination of viral infections in different animal species in the region and/or country according to various animal species and about the types of vaccines.
20.	Contribution of the Course to Occupational Development	Teaching information about vaccinations for viral diseases that are important for veterinary medicine

21.	**Course Learning Outcomes**	**LO1**	Will be able to understand the related terms/terminology Will be able to synthesise different terms and terminology to create their own unique approaches Will be able to discuss the validity of terms/terminology	
		LO2	Will be able to discuss the possible applications of the related terms/terminology in real life and give suggestions Will be able to apply the related terms/terminology to situations/cases given in real life.	
		LO3	Will be able to critically analyse the present applications of the related terms/terminology Will be able to develop unique approaches to the 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.	
		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 out given work as a group	

		WEEK	**THEORETICAL COURSE CONTENT**	**PRACTICAL COURSE CONTENT**
22.	**Course Content**	**1.**	What is a vaccine? Vaccine history	
		2.	Basic immunological information	
		3.	Vaccine types: Conventional vaccines	
		4.	Vaccine types: Conventional vaccines	
		5.	Vaccine types: Biotechnological vaccines	
		6.	Vaccine types: Biotechnological vaccines	
		7.	Vaccination selection techniques	
		8.	Vaccination complications	
		9.	Vaccination complications	
		10.	Information about viral diseases, commercial vaccine preferences and application criteria, regulations (rabies)	
		11.	Information about viral diseases, commercial vaccine preferences and application criteria, regulations (BVDV, rotavirus, coronavirus vaccines)	
		12.	Information about viral diseases, commercial vaccine preferences and application criteria, regulations (IBR and effects of other respiratory system infections, PI-3, BRSV, adenovirus)	

			13.	Information about viral diseases, commercial vaccine preferences and application criteria, regulations (cattle plague, PPR, sheep-goat pox, bluetongue)	
			14.	Information about viral diseases, commercial vaccine preferences and application criteria, regulations (vaccines for viral diseases of cats, dogs and horses)	
23.	**Course Book, References and/or Other Resources**			1. Vaccines, 4 th. Baskı. S.Plotki; Q.Orenstein. saunders, 2004 2. Principles of Virology.,Flint, EnquistKrug, Raicainello, Skalla, 2000, ASM Press. 3. Viral aşılar ders notları	

		SEMESTER WORK	**NUMBER**	**PERCENTAGE OF CONTRIBUTION**
		Midterm Exam	1	40
		Short Exam		
	Evaluation	Homework, Performance		
		End of Year Exam	1	60
		Total	2	100
24.		Evaluation Approaches	Exams will be evaluated in the form of test.	

		Activity	**NUMBER**	**Duration [Hours]**	**Total Workload [Hours]**
		Theoretical Courses	14	1	14
		Applied Courses			
		Extracurricular Lesson Study Time (Preparation, revising)	14	2	28
		Homework, Performance	5	2	10
	ECTS / Workload Table	Projects			
		Field Studies			
		Midterm Exams	1	1	1
		Other	6	1	6
		End of Semester Exams	1	1	1
		Total Workload			
		Total Workload/ 30 Hours			60/30
25.		Course ECTS Credits	2		