

ENDOSCOPIC SURGERY

1	Course Title:	ENDOSCOPIC SURGERY
2	Course Code:	VCR6005
3	Type of Course:	Compulsory
4	Level of Course:	Third Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. HAKAN SALCI
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	E-posta: hsalci@uludag.edu.tr Telefon: 90 224 294 0841 Adres: Uludağ Üniversitesi Veteriner Fakültesi Hayvan Hastanesi Cerrahi Anabilim Dalı Görükle Kampüsü 16059 BURSA
17	Website:	http://saglikbilimleri.uludag.edu.tr/
18	Objective of the Course:	Presentation of endoscopic examination and surgical treatments topics are aimed according to the indication in veterinary surgery.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Describes the endoscope and learns to its practicing field.
	2	Understands the equipments using in the endoscopic surgery with its practicing fields.
	3	Understands the doctorate topics in field of endoscopic surgery and gains the assessments skills.
	4	Diagnoses encountered the endoscopic surgical disease with minimally invasive techniques and obtain the treatment techniques.
	5	Practices the minimal invasive surgery techniques in both small and large animal medicine.
	6	Have the approach and skills of endoscopic surgery in the veterinary clinics.
	7	Learns the practicing field of endoscopic surgery according to systems.
	8	Learns the endoscopic surgery procedures in different species.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice

1	Description and history of endoscopic surgery, presentation and details about endoscopic equipment.	
2	Anesthetic approach and physiologic conditions in endoscopic surgery.	
3	Technique of endoscopic surgery and details of basic endoscopic procedures.	
4	Application of electrosurgery, laser and energy in endoscopic surgery.	
5	Constitution of endoscopic skills (cannulation, suturing and knotting etc.).	
6	Complications encountered during endoscopic surgery.	
7	Hernia repair with endoscopic surgery.	
8	Minimal invasive surgery of gastrointestinal system.	
9	Application of video assisted thoracic surgery.	
10	Endoscopic surgery of the hemolymphatic system.	
11	Endoscopic surgery of the genital system.	
12	Endoscopic surgery procedures applied in urinary system.	
13	Detailing of arthroscopic surgery in the joints.	

Activites		Number	Duration (hour)	Total Work Load (hour)
22	Textbooks, References and/or Other Materials	14	2.00	28.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		14	4.00	56.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm exams		0	0.00	0.00
Others		0	0.00	0.00
23	Final Exam	1	6.00	6.00
Total Work Load				90.00
Total work load/ 30 hr		3		3.00
Midterm Exam		0	0.00	
ECTS Credit of the Course				3.00
Self		0	0.00	
Home work-project		0	0.00	
Final Exam		1	100.00	
Total		1	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		0.00		
Contribution of Final Exam to Success Grade		100.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.		

24	ECTS / WORK LOAD TABLE			
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	4	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK2	5	5	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK3	5	4	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK4	5	5	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK5	5	5	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK6	5	5	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK7	5	5	1	1	5	5	5	5	5	5	0	0	0	0	0	0
ÖK8	5	5	1	1	5	5	5	5	5	5	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low		2 low			3 Medium			4 High			5 Very High				