MODULE HANDBOOK
Course: Veterinary Clinical Diagnosis
Academic Year: 2017/2018

A. Course Identity

Modul name	Veterinary Clinical Diagnostsis
Modul level	Bachelor
Abbreviation, if applicable:	KHU 3053
Subheading, if applicable:	-
Courses included in the module, if applicable:	Laboratory practical
Semester/term:	6/ year 3
Module coordinator(s):	Dr. drh. Soedarmanto Indarjulianto
Lecturer(s):	1. Dr. drh. Soedarmanto Indarjulianto 2. Prof. Dr. drh. Sri Hartati, SU 3. Dr. drh. Irkham Widiyono 4. Dr. drh. Yuriadi, M.P.` 5. Drh. Slamet Raharjo, MP 6. Drh. Alfarisa Nururrozi, M.Sc
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory course
Teaching format /class hours perweek during the semester:	3 hours lectures per week / semester and 8 hours of focus group discussion (FGD) during 4 weeks / semester
Workload:	3 hours lecturer and 1 hours structural activities / week during 14 weeks and 1 credit / week of practicum : 2 hours work in laboratorium, 1 hour report work at home, 8 hours of FGD total 92 hours/ semester
Credit Points:	4
Requirements:	1. Veterinary Physiology II (KH 2024) 2. Veterinary Pathology (KHU 2101)
Learning goals / competencies:	1. Have knowledge on national animal health system and veterinary legislation 2. Have the ability in "therapeutic transaction", perform anamnese, medical records, approval of medical action (informed consent), prescribing doctor's certificate, and client education

Learning outcomes	After taking the Veterinary Clinical Diagnostic Course, Student got ability in:
	
	1. Knowledge / Understanding in terms of:
	  a. Have a general understanding of inspection procedures in animals.
	  b. Have a general understanding of restrain and handling animals
	  c. Have a general understanding and understanding of the ordinance physical examination and collection of samples in animals.
	  d. Have a general understanding of the normal data physiological in healthy animal.
	  e. Have a general understanding and understanding of the ordinance laboratory examination and interpretation of the results.
	
	2. Ability / Intellectual Skills for:
	  a. Be able to identify and formulate oral issues examination of patients in the veterinary world.
	  b. Able to analyze the physiological data and results physical examination and laboratory
	  c. Be able to analyze the abnormalities of physiological data and result
	  d. physical examination and laboratory.
	  e. Able to implement a physical examination procedure, retrieval sample, sample examination and diagnosis on patient (animal).
	
	3. Practical Skills (Practical Skills) in:
	  a. Have the skills to perform anamnesa in patient (animal)
	  b. Have the skills to do restrain and handling on patient (animal)
	  c. Have the skills to perform physical examination on the patient (animal)
	  d. Have the skills to do sampling for laboratory treatment of patients (animals) Having diagnose diagnostic skills in patients (animals)
	
	4. Managerial Ability and Transfer of Science Skills) in:
	  a. Prepare the patient's physical examination activity report from signal to diagnosis
	  b. Managing patient data (animals
	  c. Working in team examination of patient (animal)
	  d. Create and arrange medical records of patients (animals)
	
	5. Attitude (Attitude)
	  a. Have an appreciation of the standard of health services animals that are good to animals, clients and colleagues as well community.
	  b. Able to conduct animal examination according to standard with the ethics of veterinary medicine, the principle of animal welfare (animal welfare as well as veterinary laws,
	  c. Have openness and innovation in accessing information about the development of inspection and retrieval procedures sample in patient
	  d. Able to anticipate problems that appear on examination and sampling in patients (animals)
	  e. Able to develop an animal inspection methodology that efficient, applycable, and appropriate

Content:	Veterinary Clinical Diagnostic Course is one of the courses compulsory for undergraduate students of the Faculty of Veterinary Medicine Universitas Gadjah Mada. Clinical diagnosis is both the science and the art that studies

	the order the method of examining the patient (animal) correctly (lege artist) to determine diagnosis in order to treat / handling patients. This course held on an even semestar and can be reached by students in semester 6.
Study/exam achievements:	Students are considered qualified and passed the course if they manage to meet the requirements stated in both department of internal medicine and academic that is 75% of lectures attendance, practicum, and FGD. Examination score : $\dfrac{\text{Final exam 1 + final exam 2}}{2}$ Total score : $\dfrac{2\ (\text{eximination score}) + \text{practicum score}}{3}$ Final score : 85% (Total score) + 15% (FGD score) Final index : A: $100 > NA \geq 75$ AB: $75 > NA \geq 68$ B: $68 > NA \geq 60$ BC: $60 > NA \geq 55$ C: $55 > NA \geq 50$ D: $50 > NA \geq 45$ E: $NA < 45$ (absolute score) NB= if absolute score cannot be applied, the calculation with relative score will be conducted.
Literature:	Andrews, A.H. with R.W.Blowley, H.Boyl and R.G.Eddy.2000.Bovine Medicine Disease and Husbandry of Cattle 2 nd ed. Blackwell Publishing, USA Bootle, D.M, 2001. Small Animal Clinical Pharmacology and Therapeutics.W.B. Saunders Company, USA Cunningham, 2002. Text Book of Veterinary Physiology. WB. Saunders Company, Philadelphia, London Lane, D.R and B. Cooper, 2003. Veterinary Nursing 3 th ed. ButterworthHeinemann, London Rijnberk, A. and H.W. de Vries. 1993. Anamnese und Koerperliche Untersuchung Kliener Hause und Heimtiere. Gustav Fisher verlag, Jena, Stuttgart. Smith, Bradford P, 2000. Large Animal Internal Medicine I, Mosby inc, USA Whiitow, G Causey. 2000. Avian Physiology, Academic Press, San Diego.
Notes	

B. PLO Mapping to CO

CO1	The student understand to do restrain and handling, physical examination, and samples collection on animals.
CO2	The student able to perform skills to do restrain and handling, physical examination, and samples collection on animals.
CO3	The student have intelectual skill and managerial ability to transfer knowledge to others

PLO	CO 1	CO 2	CO 3
4	x	x	x
7	x		x