COURSE SYLABUS (Code: CN02303)
ANIMAL PHYSIOLOGY 1

1. General information

Course: Animal physiology 1 (CN02303)

Credits: 2 (Lecture: 1.5 – Practice: 0.5 – Self-study: 6.0)

Training program: Animal Science (Option 1: Animal production & Health, Option 2: Animal nutrition & Feed technology)

2. Expected learning outcomes (ELOs)

Notation	Course expected learning outcomes After successfully completing this course, students are able to	Program expected learning outcomes
Knowledge		
K1	Apply knowledge of endocrine physiology, excitement physiology, nervous system physiology in animal care and feeding	ELO 2: **Analyze** factors affecting the animal breed production, nutrition, and animal health
Skills		
K2	Identify the normal physiological function of the nervous and endocrine systems of livestock	ELO 5: **Apply** effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
Ethics and Attitude		
K3	Demonstrate respect of laboratory safety regulations and animal welfare	ELO 12: **Comply** with state law and specific regulations and professional ethics

3. Brief descriptions

Chapter 1: Physiology of Endocrine systems

Chapter 2: Physiology of Excitement

Chapter 3: Physiology of Muscle-Movement

Chapter 4: Physiology of the Central nervous system

Chapter 5: Physiology of Cerebral Cortex

Chapter 6: Stress and adaptation

4. Learning methods

- Students read the textbooks and references by themselves,

- Participate in class discussion

- Find references, discuss

- Practice

- E-learning: Find and look up references; do homework

5. Assessment methods

- Grading scale: 10

- Average point: is the sum of the rubric scores multiplied by the weight of each rubric

      + Class participation: 10%

      + Mid-term test: 20%

      + Final examination: 70%

6. Student tasks

- Attendance: Students must attend at least 75% of the class and participate in class activities (discussion in class and on e-learning system, etc.)

- Practice: Students must attend all practice content

- Complete the mid-term test and the final examination.

7. Key academic staffs

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