



# COURSE SYLLABUS

## CD03204:ENGINEERING IN ANIMAL PRODUCTION

Credits: 02 (Lectures 1,5 – Practices 0.5 – Self-study 06)

### EXPECTED LEARNING OUTCOMES

Indicators	Upon completion of the course, Students are able to	Expected learning outcomes of the program
<b>Knowledge</b>		
K1	Select the appropriate breeding technology for each type of animal.	
K2	Describe the working principle and structural principle of the machine and equipment in the livestock barn	
K3	Analyze and evaluate the advantages and disadvantages of machines and equipment in livestock barns	
K4	Calculation of economic - technical criteria of machines and equipment used in livestock barns	
<b>Skills</b>		
K5	Proficient in the use, maintenance and repair of livestock machinery and equipment.	<b>ELO 10: Utilize</b> information technology and modern equipment in livestock industry to serve production and business to achieve objectives
K6	Proficient in finding documents, self-studying, discussing, working in groups	<b>ELO 6: Coordinate</b> teamwork in professional activities to achieve objectives as a member or a manager <b>ELO 7: Communicate</b> effectively using multimedia, adapt well in multi-cultural environment; meet the required standards of English proficiency issued by Ministry of Education and Training
<b>Attitude</b>		
K7	Show seriousness, self-discipline, boldness to explore, think, criticize, debate, and be creative in learning.	<b>ELO 12: Comply</b> with state law and specific regulations and professional ethics

### COURSE CONTENT

- Chapter 1: **Mechanization of livestock barns**
- Chapter 2: **The main equipment in the barn**
- Chapter 3: **Specialized equipment in some livestock farms**
- Chapter 4: **Organizing the use of machines in animal husbandry**

### STUDENT'S MISSION

- Attend at least 75% of theoretical hours in class and 100% of practical hours.
- Prepare for lectures, read reference books before going to class
- Take the midterm exam or do an essay
- Mandatory for all students taking this course

### ASSESS AND GIVE US POINTS



### LEARNING METHODS

- Read the document
- Listen to lectures,
- Discussion, report writing, presentation
- Practice, experiment
- Learn online

Rubric	Expected Learning Outcomes	Rate (%)
Rubric 1. Attend class	K7	10
Rubric 2. Discussion groups	K1, K2, K3, K4, K6	20
Rubric 3. Practice	K1, K2, K3, K5	20
Rubric.4. Final examination	K1, K2, K3, K4	50

### TEACHER IN CHARGE ONLY

1. A.Prof..Dr. Tran Nhu Khuyen
2. MA. Hoang Xuan Anh