

COURSE SYLLABUS



CD03434:LIVESTOCK FEED PROCESSING EQUIPMENT

Credits: 03 (Lectures 02 – Practices 1 – Self-study 09)

EXPECTED LEARNING OUTCOMES

Indicators	Upon completion of the course, Students are able to	Expected learning outcomes of the program
Knowledge		
K1	Selecting the right processing technology for each type of animal feed .	ELO 3: Evaluate the efficiency of animal breed production, nutrition and animal health
K2	Fully and properly describe the working principle and structural principle of feed processing machinery and equipment.	ELO 3: Evaluate the efficiency of animal breed production, nutrition and animal health
K3	Analyze and evaluate the advantages and disadvantages of feed processing machines and equipment.	ELO 3: Evaluate the efficiency of animal breed production, nutrition and animal health
K4	Calculation of economic and technical indicators of feed processing machines and equipment	ELO 3: Evaluate the efficiency of animal breed production, nutrition and animal health
Skills		
K5	Safe operation of some key equipment in the feed production line	ELO 10: Utilize information technology and modern equipment in livestock industry to serve production and business to achieve objectives
K6	Proficiently implement skills: find documents, self-study, discuss, work in groups	ELO 6: Coordinate teamwork in professional activities to achieve objectives as a member or a manager ELO 7: Communicate effectively using multimedia, adapt well in multi-cultural environment; meet the required standards of English proficiency issued by Ministry of Education and Training ELO 10: Utilize information technology and modern equipment in livestock industry to serve production and business to achieve objectives
Attitude		
K7	Show seriousness, self-discipline and creativity in learning	ELO 12: Comply with state law and specific regulations and professional ethics

COURSE CONTENT

Chapter 1: **General concept of mechanization of animal feed processing**

Chapter 2: **The main equipment in the feed processing line**

Chapter 3: **Technological process and equipment system for animal feed processing**

Chapter 4: **Design basis for animal feed processing plant**

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

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

LEARNING METHODS

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

TEACHER IN CHARGE ONLY

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

