Course Description Form

1. Course Name: Animal Nutrition

2. Course Code: VEH2105

3. Semester / Year: First Semester (theoretical and practical)

4. Description Preparation Date:12/2/2024

5. Available Attendance Forms: Second stage students

6. Number of Credit Hours (Total) / Number of Units (Total) : 30 hours / 3 units

7. Course administrator's name (mention all, if more than one name)

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8. Course Objectives

Course Objectives	1.Learn about the basic principles of animal nutrition. 2.Learn about the specifications and function of various nutrients. 3. Evaluation of nutrition types according to customer category.

9. Teaching and Learning Strategies

Strategy	1. Electronic theoretical lectures and practical applications in the laboratory. 2- The traditional recitation method. 3 - Group Learning Team project. 4 - A workshop to develop students' skills application learning 5- Applied learning.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
the first	2+2		Introduction and importance of nutrition of farm animal	theoretical + practical	Questions and discussion
The second	2+2		Introduction and importance of nutrition of farm animal	theoretical + practical	Questions and discussion
The third	2+2		The animal and its food	theoretical + practical	Questions and discussion
The fourth	2+2		The animal and its food	theoretical + practical	Questions and discussion
Fifth	2+2		Water its function	theoretical + practical	Questions and discussion
Sixth	2+2		Water regulation and comparative use	theoretical + practical	Questions and discussion
seventh	2+2		Energy metabolism	theoretical + practical	Questions and discussion
Eighth	2+2		Energy metabolism	theoretical + practical	Questions and discussion
Ninth	2+2		Carbohydrate metabolism	theoretical + practical	Questions and discussion
The tenth	2+2		Carbohydrate metabolism	theoretical + practical	Questions and discussion
eleventh	2+2		Protein and nucleic acid metabolism	theoretical + practical	Questions and discussion
Twelfth	2+2		Protein and nucleic acid metabolism	theoretical + practical	Questions and discussion
Thirteenth	2+2		protein	theoretical + practical	Questions and discussion
fourteenth	2+2		protein	theoretical + practical	Questions and discussion
fifteen			Final Exam Theoretical		

11. Course Evaluation

1. Monthly tests.
2. Semi-annual and annual tests.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Animal Nutrition science
Main references (sources)	Animal Nutrition (seventh edition)
Recommended books and references (scientific journals, reports…)	General Animal Nutrition
Electronic References, Websites	