

TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	Kirkuk University
2. University Department/Centre	Veterinary Medicine
3. Course title/code	Female fertility and genital disease CVM4107
4. Modes of Attendance offered	Fourth grade students
5. Semester/Year	Fourth year / First semester
6. Number of hours tuition (total)	First semester 60 hours
7. Date of production/revision of this specification	1/9/2022
8. Aims of the Course	
	1- Accustoming the learner to discussion, research and conclusion in everything he hears, sees and thinks about in order to reach the facts (developing the scientific spirit of the student)
	2- Learn about the anatomy of the female reproductive system and its scientific terminology.

- 3- Identify the nature of reproduction in farm animals.
- 4- Helping the student to know puberty and sexual maturity in farm animals.
- 5- Identify the types of sex hormones and the nature of their work.
- 6- How eggs are formed in females and then ovulation and fertilization occur.

9. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals .

- A1 . Knowledge and understanding.
- A2. stages of treatment in veterinary medicine.
- A3. Applied diagnosis

B. The skills goals special to the course.

- B1 . Technical and planning skills for treatment.
- B2 - Technical and planning skills related to diagnosis.
- B3 - Animal control skills.

Teaching and Learning Methods

1. Explanation and clarification.
2. The method of the lecture.
3. The method of self-education.

Assessment methods

- 1 . Semester and final theory exams
2. Semester and final practical exams
3. Extracurricular activities (reports, making wall posters).

A. Affective and value goals .

- C 1- Observation and perception.
- C2 - analysis and interpretation.
- C3 - Conclusion and evaluation.
- C4 - Preparation and evaluation.

Teaching and Learning Methods

Teaching methods / using data show devices + smart board

Learning Methods / Encouraging students to read external sources and urging them to become self-reliant.

Assessment methods

1- Theoretical tests

2- Practical tests

3- daily activities

4- Extra-curricular activities

D. General and rehabilitative transferred skills(other skills relevant to employability and personal development)

D1- Follow up on developments in the field of veterinary obstetrics

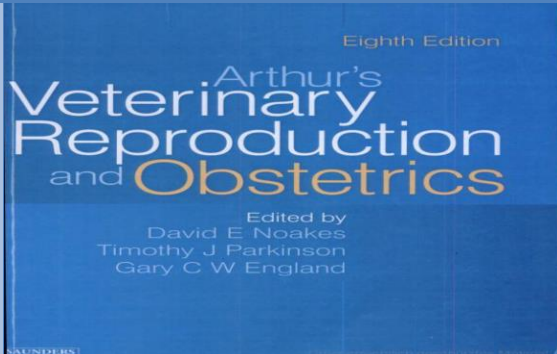
D2 - Reading recent sources and research

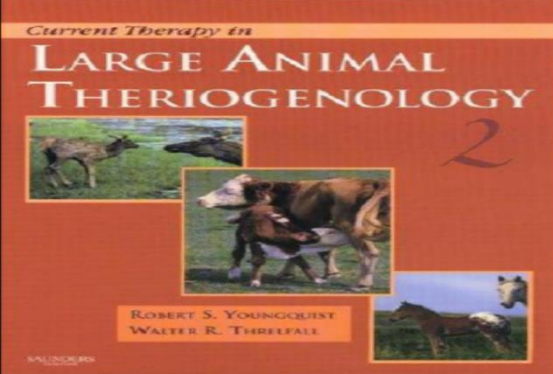
D 3- Keeping pace with the times in the fields of medical, veterinary and agricultural developments

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	4		Anatomy of the Female Reproductive System	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
2	4		Reproductive Hormones	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
3	4		Oogenesis and Folliculogenesis	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
4	4		Puberty and Sexual Maturity	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
5	4		Seasonality and Ovulation	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
6	4		The Estrous Cycle Endocrinology	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams

			and follicular waves		
7	4		Estrus Detection And Rectal palpation	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
8			Mid-term exam	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
9	4		Luteolysis	Theoretical (2 hour) + practical (2 hours)	
10	4		Fertility and Infertility	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
11	4		Infertility Affection of Ovary	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
12	4		Infertility Affection of Oviduct	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
13	4		Infertility Affection of uterus	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
14	4		Reproduction in Equine and Cow	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams
15	4		Reproduction in bitch and queen	Theoretical (2 hour) + practical (2 hours)	Theoretical and practical exams

11. Infrastructure	
1. Books Required reading:	Nothing
2. Main references (sources)	

		
<p>A- Recommended books and references (scientific journals, reports...).</p>	<p>-----</p>	
<p>B-Electronic references, Internet sites...</p>	<p>Wikipedia</p>	
<p>12. The development of the curriculum plan : Add new lectures on modern techniques in reproduction</p>		

