

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.

١. Teaching Institution	Kirkuk University
٢. University Department/Centre	Veterinary Medicine
٣. Course title/code	Male fertility and artificial insemination/ CVM٥١٠٦
٤. Modes of Attendance offered	Fifth grade students
٥. Semester/Year	Fifth year / First semester
٦. Number of hours tuition (total)	First semester ٤٥ hours
٧. Date of production/revision of this specification	٥/٩/٢٠٢٠

٨. Aims of the Course

١- 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)

٢- Learn about the anatomy of the male reproductive system, its hormones, and its scientific terminology.

٣- Identifying the composition of sperm in farm animals.

ξ- Helping the student to identify the methods of semen collection and how to evaluate them in farm animals.

ο- Learn about artificial insemination techniques.

η. 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 .

- C₁ - 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

ϑ - Theoretical tests

ϒ - Practical tests

ϓ - daily activities

ϔ - Extra-curricular activities

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

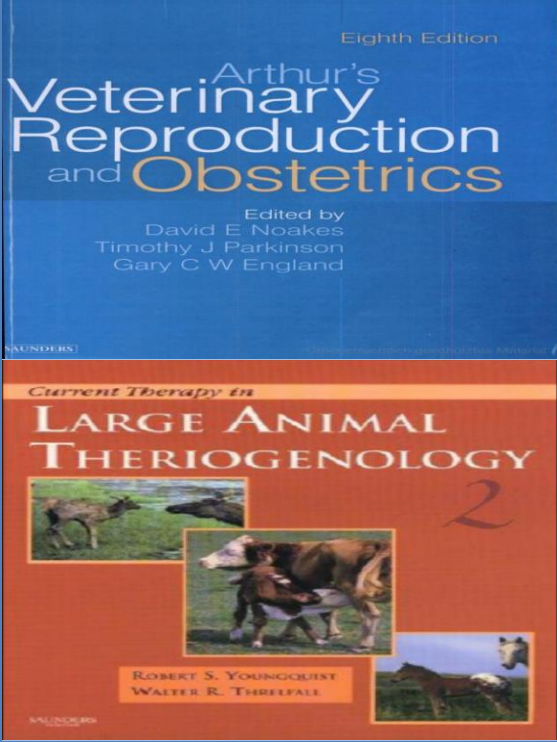
D ϑ - Follow up on developments in the field of veterinary obstetrics

D ϒ - Reading recent sources and research

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

ϑ. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
ϑ	ϓ		Male puberty and maturity ϑ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϒ	ϓ		Hormonal control of male reproductive system ϑ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϓ	ϓ		Spermatogenesis ϑ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϔ	ϓ		Composition of semen ϑ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϕ	ϓ		Sperm metabolism ϑ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϖ	ϓ		Method of semen collection ϑ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϗ	ϓ		Method of semen evaluation ϒ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
Ϙ	ϓ		Method of semen evaluation ϒ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϙ	ϓ		Mid-term exam		
ϑ.ϑ	ϓ		Method of semen dilution ϒ	Theoretical (ϑ hour) + practical (ϒ hours)	Theoretical and practical exams
ϑ.ϑ	ϓ		Method of semen	Theoretical (ϑ hour)	Theoretical and

			storage \	+ practical (٧ hours)	practical exams
١٢	٣		Artificial insemination and Sperm transport \	Theoretical (١ hour) + practical (٧ hours)	Theoretical and practical exams
١٣	٣		Infertility in males	Theoretical (١ hour) + practical (٧ hours)	Theoretical and practical exams
١٤	٣		Infertility in males	Theoretical (١ hour) + practical (٧ hours)	Theoretical and practical exams
١٥	٣		Bull Breeding Soundness Examination	Theoretical (١ hour) + practical (٧ hours)	Theoretical and practical exams

١١. Infrastructure	
١. Books Required reading:	Nothing
٢. Main references (sources)	
A- Recommended books and references (scientific journals, reports...).	----
B-Electronic references, Internet sites...	Wikipedia

١٢. The development of the curriculum plan : Add new lectures on modern techniques

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