

## 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	College of Veterinary Medicine
٣. Course title/code	VETERINARY FORENSIC MEDICINE CV٥٢١٠
٤. Modes of Attendance offered	fifth year students
٥. Semester/Year	fifth year / second semesters ٢٠٢٠-٢٠٢١
٦. Number of hours tuition (total)	٤٥
٧. Date of production/revision of this specification	٢/٢/٢٠٢١
٨. Aims of the Course	
١. Acquaintance with the principles and basics of veterinary forensic medicine.	
٢. Knowing the pathological changes that affect the internal organs of each animal.	
٣. Teaching students the basic concepts and experience necessary to perform accurate forensic autopsies on animal corpses.	

٩. Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals .  
A<sup>1</sup> Teaching the student the concept of veterinary forensic medicine

A<sup>2</sup>- Knowledge, understanding and comprehension of the scientific subject curriculum

A<sup>3</sup>- To classify the theoretical and practical needs for the development of learning and teaching in the appropriate manner with the scientific material

A<sup>4</sup>- Identifying the pathological changes that affect the internal organs of each animal

B. The skills goals special to the course. B<sup>1</sup>  
-Teaching the student how to perform accurate forensic autopsies on animal cadavers

B<sup>2</sup> - Teaching the student how to deal with animal carcasses

B<sup>3</sup> - Teaching the student the techniques and methods of detecting pathological changes that affect the internal organs of each animal

### Teaching and Learning Methods

- 1) lectures.
- 2) Discussions during and after the lecture.
- 3) Motivation through questions and answers.
- 4) Homework .
- 5) Preparation of scientific reports .

### Assessment methods

1. Semester and final theory exams by 70%
2. Semester and final practical exams at a rate of 30% , From it Daily exams (cues) and Extracurricular activities (reports, making wall posters) 5%

C. Affective and value goals

- C<sub>1</sub>.
- C<sub>2</sub>.
- C<sub>3</sub>.
- C<sub>4</sub>.

Teaching and Learning Methods

- 1) lectures.
- 2) Discussions during and after the lecture.
- 3) Motivation through questions and answers.
- 4) Homework.
- 5) Preparing scientific reports.

Assessment methods

- 1. Semester and final theory exams by 60%
- 2. Semester and final practical exams at a rate of 40% from it Evaluation of extra-curricular activities (reports, posters and homework) by 10% and Daily exams .

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

D 1- Team work: working in harmony with the group or team.

D 2- Initiative Motivation to work: The ability to take the initiative, identify hypotheses, and develop ideas and proposed solutions.

D 3- Planning & organization: The ability to develop plans and programs that are feasible for implementation.

D 4- Flexibility: adapting to situations.

D 5- Time management: The ability to work on specific dates.

#### 1. Course Structure ( first semester)

Week	Hours	ILOs / practical	Unit/Module or Topic Title / theoretical	Teaching Method	Assessment Method
1	3	Death, cause of general death, syncope, asphyxia	Death, cause of general death, syncope, asphyxia	Theoretical (1 hour) + practical (2 hours)	daily test
2	3			Theoretical (1 hour) + practical (2 hours)	daily test
3	3			Theoretical (1 hour) + practical (2 hours)	Homework
4	3	Drowning, sudden death, death from starvation, death from cold, death from effect of heat, death from electric current	Drowning, sudden death, death from starvation, death from cold, death from effect of heat, death from electric current	Theoretical (1 hour) + practical (2 hours)	daily test
5	3			Theoretical (1 hour) + practical (2 hours)	daily test
6	3			Theoretical (1 hour) + practical (2 hours)	Homework
7	3	review	review	Theoretical (1 hour) + practical (2 hours)	daily test
8	3	Mid-term exam.			Theoretical (20) and practical (10) exams + reports (5)
9	3	Burns and it's types	Burns and it's types	Theoretical (1 hour) + practical (2 hours)	daily test
10	3			Theoretical (1 hour) + practical (2 hours)	daily test
11	3	Wounds and it's types	Wounds and it's types	Theoretical (1 hour) + practical (2 hours)	Homework
12	3			Theoretical (1 hour) + practical (2 hours)	daily test

١٣	٣	Toxin and it's types	Toxin and it's types	Theoretical (١ hour) + practical (٧ hours)	daily test
١٤	٣			Theoretical (١ hour) + practical (٧ hours)	daily test
١٥	٣	review	review	Theoretical (١ hour) + practical (٧ hours)	
		<b>Final-term exam</b>			Theoretical and practical exams (٤٠+٢٠)

١١. Infrastructure	
١. Books Required reading:	non
٢. Main references (sources)	١- <b>VETERINARY FORENSIC PATHOLOGY , volume ١ , Jason W.Brooks .</b> ٢- <b>Practical VETERINARY FORENSIC ,David Bailer.</b> ٣- <b>VETERINARY FORENSIC , second edition ,Melinda Merck .</b>
A- Recommended books and references (scientific journals, reports...).	non
B-Electronic references, Internet sites...	Wikipedia
١٢. The development of the curriculum plan	
١-Searching for modern methods and means of teaching and learning away from the old traditional recitation method.	
٢. Relying on modern educational means to transfer information.	
٣. The use of modern devices, machines and technologies, especially electronic ones, to convey information so that the student uses all his auditory, visual and sensory senses in comprehending and storing the information in his mind.	
٤ -Using modern methods to find out the exact pathological changes that occurred in the internal organs of the animal corpse.	