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	University of Kirkuk
2. University Department/Centre	College of Veterinary Medicine
3. Course title/code	Toxicology CVM3106
4. Modes of Attendance offered	Third class
5. Semester/Year	First Semester \ 2022-2023
6. Number of hours tuition (total)	
7. Date of production/revision of this specification	1/9/2022
8. Aims of the Course	
1. Master the concepts and the usage of terms.	
2. Calculate toxicant dose received by the animals and	
interpret tissue levels of toxicants.	
3. Gain knowledge of current trends and future direction of	
research relating to issues such as cancer.	
4. Develop a good working knowledge of the emergency	

9· Learning Outcomes, Teaching, Learning and Assessment Method

1. Cognitive goals .

A1- Teaching the student the concept of toxicology and its general principles.

A2- Knowledge, understanding and comprehension of the scientific subject curriculum.

A3- To classify the theoretical need for the development of learning and teaching in the appropriate manner with the scientific subject.

A 4- - knowledge and understanding

A 5- To classify theoretical need

A6- To understand the toxicology curriculum

A7- Developing learning and teaching in an appropriate manner in toxicology

B. The skills goals special to the course.

B1- Introducing students to the field of veterinary medicine in the community

B2 - Enabling students to take the course in protecting society from diseases

Teaching and Learning Methods

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

Assessment methods

1)Daily and monthly (theoretical) tests.
2) Discussing scientific reports
3) Questions and answers

C. Affective and value goals

C1. Enable the student to think according to his ability
C2- The student understands when and how he should think during and after the lecture
C3- Effective thinking strategy in learning
C4- Pose a problem for analysis

Teaching and Learning Methods

- Implementation methods: a teacher who listens to the learners while they sit in front of him, and they listen to him, and he must have the ability to indoctrinate and absorb information.
- Conversational methods: the teacher must possess a high scientific ability and the attendees have information on the topic of the discussion.
- The discovery method: the teacher observes the activities of the learners who are taking examples individually or collectively.

Assessment methods

1. Semester and final theory exams with a rate of 95%
2. Extra-curricular activities (reports, making wall posters) by 5%

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

D1.Teamwork: Working in harmony with a group or team.

D2. Initiative Motivation to work: the ability to take the initiative, determine the hypothesis, and put forward ideas and solutions.

D3. Planning & organization: The ability to develop plans and programs that are feasible for implementation.

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2		Concepts and terminology		
2	2		Toxicokinetics		
3	2		Antidotes and general treatment of poisoning		
4	2		Diagnostic aspects of toxicology		
5	2		Insecticides		
6	2		Herbicides		
7	2		Metals and minerals		
8	2		Mycotoxins		
9	2		Feed_associated toxicants		
10	2		House-hold and industrial products		
11	2		Plants		
12	2		Biotoxins		
13	2		Environmental pollution with toxicants		
14	2		Pharmaceuticals		
15	2		Examination		

11. Infrastructure

1. Books Required reading:	
2. Main references (sources)	VETERINARY TOXICOLOGY 5509 & 8509 INSTRUCTORS Dr. Chada Reddy - Course Director

	Dr. Tim Evans – Co-course director Dr. Stan Casteel Winter 2011
A- Recommended books and references (scientific journals, reports…).	
B-Electronic references, Internet sites…	Wikipedia
12. The development of the curriculum plan	
1. Adding Visual Studio to the curriculum.	