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	University of Kirkuk College of Veterinary Medicine
٢. University Department/Centre	Department of Public Health
٣. Course title/code	Statistic / CVM2208
٤. Modes of Attendance offered	Second stage
٥. Semester/Year	Second semester
٦. Number of hours tuition (total)	٦٠
٧. Date of production/revision of this specification	١/٢/٢٠٢١
٨. Aims of the Course	
١.Training the student on the scientific method of thinking	
٢. Training the student in problem solving method	
٣. Developing the mental and practical skills of the student	
٤. The use of various statistical methods in analyzing data in experiments and scientific research conducted in various fields of veterinary medicine	
٥. Using statistical methods to survey the differences and discrepancies between different data in comparing these data	

٩٠ Learning Outcomes, Teaching ,Learning and Assessment Method

A- Cognitive goals

A١- Ability to solve statistical problems

A٢- Giving the right decisions after the analysis

A٣-. The ability to analyze scientific results

A٤- Learning modern statistical methods

B. The skills goals special to the course

B١ - familiar with statistics

B ٢- He has the ability to listen to his request

B٣ - Creative and improvisational ideas

B ٤- He can control the tone of the voice so that his voice does not become a source of sleep or boredom for students

Teaching and Learning Methods

D - General, rehabilitative and transferable skills (other skills related to employability and personal development)

D١- Verbal communication: Able to speak with confidence and clarity.

D٢- Written communication: Able in writing to express ideas with confidence and clarity.

D٣- Analyzing &investigation: To solve problems in a scientific and systematic manner based on facts.

D ٤- Team work: working in harmony with the group or team.

Assessment methods

١ . Theoretical exams.

٢. Reports.

C. Affective and value goals

A١- To enable the student to think according to his ability.

C٢- In order for the student to understand when, what and how he should think in order to improve his own abilities.

C ٣- The critical thinking strategy symbolizes the highest levels of thinking.

C٤ - Presenting a problem in order to analyze it logically and soundly to reach the desired solution.

Teaching and Learning Methods

١ . The automatic method. ٢. Cooperative learning with the participation of students and dialogue during the dialogue
Assessment methods
١ . Theoretical exams. ٢. Reports.

D - General, rehabilitative and transferable skills (other skills related to
employability and personal development)

D ١- The ability to use a computer

D ٢- Able in teaching skills to communicate the idea easily to students

D ٣ - Understand the requirements and desires of students.

١٠. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
١	٤		Introduction to statistics and statistics symbols	theoretical (٢ hours) My work (٢ hours)	
٢	٤		Tabular and graphical presentation	theoretical (٢ hours) My work (٢ hours)	
٣	٤		Measures of central tendency	theoretical (٢ hours) My work (٢ hours)	
٤	٤		Measures of dispersion or variation	theoretical (٢ hours) My work (٢ hours)	
٥	٤		Elementary probability theory	theoretical (٢ hours) My work (٢ hours)	
٦	٤		Elementary probability theory	theoretical (٢ hours) My work (٢ hours)	
٧	٤		Discrete probability distribution	theoretical (٢ hours) My work (٢ hours)	
٨	٤		Continuous probability distribution, normal distribution	theoretical (٢ hours) My work (٢ hours)	
٩	٤		**Midterm examination**	theoretical (٢ hours) My work (٢ hours)	
١٠	٤		Simple regression and correlation	theoretical (٢ hours) My work (٢ hours)	
١١	٤		Tests of hypotheses, Z-distribution	theoretical (٢ hours) My work (٢ hours)	
١٢	٤		T- distribution	theoretical (٢ hours) My work (٢ hours)	
١٣	٤		Chi- square distribution	theoretical (٢ hours) My work (٢ hours)	
١٤	٤		F-distribution	theoretical (٢ hours) My work (٢ hours)	
١٥	٤		Final examination	theoretical (٢ hours) My work (٢ hours)	

١١. Infrastructure

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

١٢. The development of the curriculum plan
١. Follow-up of students and continuous communication with them during study hours. ٢. Providing more scientific care in its various means and forms, such as increasing the hours of explanation and educational presentations. ٣. Extensive theoretical and practical reviews.