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	
2. University Department/Centre	University of Kirkuk-college of Dentistry
3. Course title/code	physiology
4. Modes of Attendance offered	Theoretic lectures
5. Semester/Year	Two semester
6. Number of hours tuition (total)	60hours theory and 60 hours practical
7. Date of production/revision of this specification	2020-2021
8. Aims of the Course	

Teaching the students the normal functions of body organs	
How the normal function may change to abnormal	

9· Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Cognitive goals .

A1.

A2.HOW body organs perform its normal function

A3.

A4.How the pathological conditions convert the normal function to abnormal function

A5.the relation between organ function with other sciences vsuch as histology and anatomy and biochemistry

A6 .

B. The skills goals special to the course.

B1

Learning the students the normal function of each organ in the body and how the functions of each organ affect the function of other organ .

B2.

B3.

Teaching and Learning Methods

Performing practical experiments in physiology lab.to clarify the function
Use educational videos show the physiological function of organ
Use of ready made models
Visits to medical hospitals and laboratories

Assessment methods

Examinations
Seminars and other activities
Sharing in scientific festivals and conference

C. Affective and value goals

C1.

Acquisition in knowledge of body organs function .

Joining the physiological information with other basic sciences information to gain skill

C3.

C4.

Teaching and Learning Methods

-theoretical lectures as power point using data show
-educational videos
-guiding students to visit some scientific websites
Conduct experiments in physiology lab

Assessment methods

Theoretical examination

Practical examination

Quiz

Seminars

Oral examinations

D. General and rehabilitative transferred skills(other skills relevant to employability and perso
D1. Preparing the student practically in terms of applying knowledge

D2. Thinking about solving problems

Teaching professional ethics
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D4. Develop the student's ability to learn using new methods

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method
1	2	Cell physiology	Physiology	Theoretical lecture using
2	2	Physiology of nerve cell	Physiology	Theoretical lecture using
3	2	Physiology of muscle	Physiology	Theoretical lecture using
4	2	Physiology of muscle	Physiology	Theoretical lecture using
5	2	Red blood cells	Physiology	Theoretical lecture using
6	2	White blood cells+platellets	Physiology	Theoretical lecture using
7	2	Blood coagulation	Physiology	Theoretical lecture using
8	2	immunity	Physiology	Theoretical lecture using
9	2	Autonomic nervous system	Physiology	Theoretical lecture using
10	2	Nervous system	Physiology	Theoretical lecture using
11	2	Nervous system	Physiology	Theoretical lecture using
12	2	Nervous system	Physiology	Theoretical lecture using
13	2	Nervous system	Physiology	Theoretical lecture using
14	2	Renal system+body fluid	Physiology	Theoretical lecture using

15	2	Renal system	Physiology	Theoretical lecture using
16	2	Cardiovascular system	Physiology	Theoretical lecture using
17	2	Cardiovascular system	Physiology	Theoretical lecture using
18	2	Cardiovascular system	Physiology	Theoretical lecture using
19	2	Salivary glands	Physiology	Theoretical lecture using
20	2	Digestive system	Physiology	Theoretical lecture using
21	2	Digestive system	Physiology	Theoretical lecture using
22	2	Respiratory system	Physiology	Theoretical lecture using
23	2	Respiratory system	Physiology	Theoretical lecture using
24	2	Endocrine system	Physiology	Theoretical lecture using
25	2	Endocrine system	Physiology	Theoretical lecture using
26	2	Endocrine system	Physiology	Theoretical lecture using
27	2	Hearing	Physiology	Theoretical lecture using
28	2	Vision	Physiology	Theoretical lecture using
29	2	Taste	Physiology	Theoretical lecture using
30	2	Reproductive system	Physiology	Theoretical lecture using
				Practical physiology
1	2	Collection of blood sample		
2	2	Blood smear		
3	2	Differential WBC count		
4		Differential WBC coun		
5		Total WBC count		
6		Total RBC count		
7		Hemoglobin		

		estimation		
8		Pcv (packed cell volumw)		
9		ESR(erythrocyte sedimentation rate		
10		Blood indices		
11		Blood group		
12		Platelets count		
13		Bleeding time and clotting time		
14		Blood pressure measurment		
15		Effect of exercise on blood pressure		
16		Measurement of blood suger		
17		Measurement of body temperature		
18		Sensory examination		
1`9		Reflex examination		
20		Hearing test		
21		Vision test		
22		Color blindness		
23		Taste		
24		Physiology of nerve		
25		Physiology of nerve		
26		Physiology of nerve and muscle		
27		Heart of rabbit		
28		Physiology of heart		
29		Methods of saliva collection		
30		Urine examination		

11. Infrastructure	
1. Books Required reading:	

2. Main references (sources)	
A- Recommended books and references (scientific journals, reports…).	
B-Electronic references, Internet sites…	

12. The development of the curriculum plan