

## Course Description Form

<b>1. Course Name:</b>					
Physiology					
<b>2. Course Code: VEP2019</b>					
physiology VEP2013					
<b>3. Semester / Year: first semester (Theoretical &amp; practical)</b>					
2023–2024					
<b>4. Description Preparation Date:</b>					
20/2/2024					
<b>5. Available Attendance Forms: Second stage students</b>					
2nd stage students					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
90 hr. / 5					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Name: Prof. Dr. Kasim Sakran Abass Assist.Lec. Noor Faisal					
<b>8. Course Objectives</b>					
<b>Course Objectives</b>			<b>1– Training in clinical physiology</b> <b>2– How to manage the hematology laboratory</b> <b>3– Sending samples to the laboratory</b>		
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		1. Electronic theoretical lectures and practical applications in the laboratory. 2- The traditional recitation method. 3 - Group Learning Team project. 4 - A workshop to develop students' skills application learning 5- Applied learning.			
<b>10. Course Structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>

1 <sup>st</sup>	6	Introduction	Introduction	Theoretical (4 hours) Practical(2 hours)	
2 <sup>nd</sup>	6	Nerve & muscle cell		Theoretical (4 hours) Practical(2 hours)	
3 <sup>rd</sup>	6	Frog sciatic nerve gastrocnemius		Theoretical (4 hours) Practical(2 hours)	
4 <sup>th</sup>	6	Autonomic nerves system		Theoretical (4 hours) Practical(2 hours)	
5 <sup>th</sup>	6	Muscle contraction repeat prolonged		Theoretical (4 hours) Practical(2 hours)	
6 <sup>th</sup>	6	Blood composition Blood pressure		Theoretical (4 hours) Practical(2 hours)	
7 <sup>th</sup>	6	R.B.C & W.B.C & Hb		Theoretical (4 hours) Practical(2 hours)	
8 <sup>th</sup>	6	<b>Mid-term exam</b>			Theoretical (35) and reports (5)
9 <sup>th</sup>	6	ESR & PCV & wintrol		Theoretical (4 hours) Practical(2 hours)	
10 <sup>th</sup>	6	Cardio vascular system		Theoretical (4 hours) Practical(2 hours)	

11 <sup>th</sup>	6	Frogs heart		Theoretical (4 hours) Practical(2 hours)	
12 <sup>th</sup>	6	Lymph & cerebrospinal fluid		Theoretical (4 hours) Practical(2 hours)	
13 <sup>th</sup>	6	Respiratory system		Theoretical (4 hours) Practical(2 hours)	
14 <sup>th</sup>	6	Digestive system		Theoretical (4 hours) Practical(2 hours)	
15 <sup>th</sup>	6	Digestive system		Theoretical (4 hours) Practical(2 hours)	
		<b>Final-term exam.</b>			Theoretical practical exams (60)

### 11. Course Evaluation

1. Semester and final theory exams by 95%
2. Evaluation of extra-curricular activities (reports, posters and homework) by 5%
4. Learning triangle
5. Daily exams

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Non
Main references (sources)	Medical physiology Gannon 2010 Physiology Guyton 2010
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Wikipedia