

**Kingdom of Saudi Arabia
Umm Al-Qura University**

**Faculty of Applied Medical Sciences
Department of Laboratory Medicine
2nd year laboratory medicine program
Overview of Basic Physiology Course
(1st and 2nd Semester)**

Course title and code	Basic Physiology (1701241-6)
Credit hours	6 Credit hours

Course Coordinator: Dr. Bassem Refaat

Assistant Professor

Laboratory Medicine Department

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Practical Coordinator:

Male Side: Mr. Wesam Farash

Mr. Turki Al-Harhi

Female Side: Mrs. Sallwa El-Shehre

Course Description:

1-Topics to be Covered in Theoretical Lectures		
1st Semester		
List of Topics	No of Weeks (15 Weeks)	Contact hours (30 hours)
Gastro-intestinal Physiology	4	8
Body fluid and Acid-Base balance	1	2
Physiology of Blood	1	2
Cardiovascular Physiology	3	6
Physiology of Respiration	3	6
Neuro-muscular Physiology	3	6
End of Term Exams		
2nd Semester		
List of Topics	No of Weeks (15 Weeks)	Contact hours (30 hours)
Neurophysiology	3	6
Renal Physiology and Pathology	4	8
Endocrine Physiology	4	8
Physiology of reproduction	3	6
End of Term Exams		

Methods of assessment

1. Two quizzes/semester
2. Two Practical exams/semester
3. Final exam/semester

Examination	Marks
Theory (35 marks/semester)	
During Term Quizzes (2 exams)	(7.5/each) 15 marks/semester Week 5 and Week 10 of each semester
End of Semester exam	20 marks/semester
Practical (15 marks/semester)	
Safety precautions	1 mark/semester
Midterm exam (Week 8)	4 marks/semester
Activity	2 marks/semester
End of Semester exam (Week 15)	8 marks/semester
Total marks	50 marks/semester (100 marks for the 2 semesters)