

Course plan

Year: 2026-2027	Semester: ☐ First ☒ Second	Number of students: 30										
Major: MD, MBBS	☒ Basic sciences ☐ Physiopathology	Department: Physiology										
Course Title: Respiratory physiology	☒ Theoretical ☐ Practical	Credit: 0.7										
Prerequisite: none	Day & Time: Tuesday, 10-12 A.M.	Place: Shaheed Solymani Building										
Instructor: Prof. Nepton Soltani	Office address: School of Medicine, Department of physiology	Tel: 031-3792 9019										
Email: solnep2002@yahoo.com	Response Hours and Days: 13-16 add days	Student representative name and mobile number:										
Main objective: Understanding the basic concepts of respiratory system												
References (Text books): 1- Guyton and Hall Textbook of Medical Physiology, (Latest version) 2- The slides and contents in the class												
Student evaluation and the value related to each evaluation: (The assessment tools that will be used to test student ability to understand the course material and gain the skills and competencies stated in learning outcomes)												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;">ASSESSMENT TOOLS</th> <th style="width: 20%;">From</th> </tr> </thead> <tbody> <tr> <td>Answer to the homework</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Quiz ((Descriptive)</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Final Exam (Multiple-choice questions)</td> <td style="text-align: center;">15</td> </tr> <tr> <td>TOTAL MARKS</td> <td style="text-align: center;">20</td> </tr> </tbody> </table>			ASSESSMENT TOOLS	From	Answer to the homework	2	Quiz ((Descriptive)	3	Final Exam (Multiple-choice questions)	15	TOTAL MARKS	20
ASSESSMENT TOOLS	From											
Answer to the homework	2											
Quiz ((Descriptive)	3											
Final Exam (Multiple-choice questions)	15											
TOTAL MARKS	20											
Students responsibilities: 1- Study the topics before and after the class 2- Answer to the homework on time (If the student does not answer the assignment before deadline, no grade will be given to the student) 3- Observe the class order and rules 4- Attend all classes												
Discipline and educational rules: 1- For each unplanned absence, 0.25 points will be deducted from 20, and in case of absence exceeding the permissible limit, the score will be zero. 2- The maximum permission time to participate in the class is 5 min after the start. 3- Mobile phone use is prohibited during class.												
Other important notes for students: 1- Studying the rules and rights of the professor and the student												
Mid exam date: - Final exam date: In accordance with the schedule												

Row	date	Presentation	Topic	Professor	Theoretical or practical	References	Chapter	Pages
1	22-Sep	Face to face	Structure, Histology, Circulation and Nervous System of Respiratory System	Prof. Nepton Soltani	Theoretical	Textbook of Medical Physiology (Guyton and Hall)	38,39	507-520
2	29-Sep	Face to face	Respiratory Functions, Ventilation, Spirometry and Pulmonary Edema	Prof. Nepton Soltani	Theoretical	Textbook of Medical Physiology (Guyton and Hall)	43	520-523
3	6-Oct	Face to face	Gas Exchange and Gas Diffusion Across the Respiratory Membrane	Prof. Nepton Soltani	Theoretical	Textbook of Medical Physiology (Guyton and Hall)	39,40	525-535
4	13-Oct	Face to face	Gas Transport	Prof. Nepton Soltani	Theoretical	Textbook of Medical Physiology (Guyton and Hall)	41	535-548
5	20-Oct	Face to face	Control of respiratory System Functions	Prof. Nepton Soltani	Theoretical	Textbook of Medical Physiology (Guyton and Hall)	42	548-567