

## Course Description Form

<b>1. Course name: Physiology</b>	
<b>2. Course code :PYH109</b>	
<b>3. Semester/Year</b> 2025/2024 semester	
<b>4. Date this description was prepared :2025 /2/9</b>	
<b>5. Available attendance forms: Attendance</b>	
<b>6. Number of study hours (total) / Number of units (total)</b> Theoretical and practical: 4 units - 3 hours Theoretical/weekly - Practical: 2 hours weekly	
<b>7. Course Instructor Name</b>	
Name: Prof. Dr. Karim Hamid Rashid Emial :kareem_Rasheed hilla-unc.edu.iq Name: M.M. Duaa Ali Hamad Emial: doaaali hilla-unc.edu.iq	
<b>8. Course objectives</b>	
Subject objectives	<ul style="list-style-type: none"> <li>• <b>Cognitive objectives</b></li> <li>1- Identify the body's systems through pictures and illustrative models</li> <li>2- Identify the functions and components of the body's systems and their importance</li> <li>• <b>Program skill objectives</b></li> <li>1- The student acquires the necessary skill to know the different body systems in the human body and diagnose them in a way that qualifies him to diagnose diseases</li> <li>2- The student acquires the skill to link the information he receives to the clinical cases he will face in the future</li> </ul>
<b>9. Teaching and learning strategies</b>	
Strategy	<ul style="list-style-type: none"> <li>• Discussion method</li> <li>• Presentation and interaction method with students</li> <li>• Using explanatory videos</li> <li>• Drawings and models</li> <li>• Using simulation videos</li> </ul> Evaluation methods <ul style="list-style-type: none"> <li>• Daily exam 5%</li> <li>• Monthly exam 10%</li> </ul>



- Practical application exam 10%
  - Attendance 5%
- Total 30% and converted to 20%

10. Course Structure First Semester

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Hours	Week
Oral and written	Use of display screen, educational videos and models	Basic scientific principles of physiology	Learn what physiology is, its basics, the difference between it and anatomy, and the most important systems that make up this .science	5	First
Oral and written	Use of display screen, educational videos and models	Cells: cellular compartment ,transport system and fluid movements	Learn about the cell, its structure, function and components	5	Second
Oral and written	Use of display screen, educational videos and models	MUSCULAR SYSTEM	Learn about the types of muscles, their structures, functions, locations, and importance .to the body	5	Third
Oral and written	Use of display screen, educational	Blood	Identify the types of blood cells in	5	Fourth



	videos and models		terms of location, function, structure, and blood circulation in .the body		
Oral and written	Use of display screen, educational videos and models	Blood	Identify the types of blood cells in terms of location, function, structure, and blood circulation in .the body	5	Fifth
Oral and written	Use of display screen, educational videos and models	The respiratory system	Learn about the structure of the lungs, their location, function, and how the breathing process .occurs	5	Sixth
Oral and written	Use of display screen, educational videos and models	The respiratory system	Learn about the structure of the lungs, their location, function, and how the breathing process .occurs	5	Seventh
Oral and written	Use of display	Urinary	Learn about	5	The eighth



	screen, educational videos and models	system	the structure and function of the urinary system and how to get rid of excess fluids		
Oral and written	Use of display screen, educational videos and models	Urinary system	Learn about the structure and function of the urinary system and how to get rid of excess fluids	5	Ninth
Oral and written	Use of display screen, educational videos and models	Cardiovascular system	Learn about the structure and function of the heart, how the heart beats, and its relationship to blood pressure and diseases.	5	Tenth
Oral and written	Use of display screen, educational videos and models	Digestive system	Learn about the parts of the digestive system, the mechanism of digestion, and the importance of enzymes.	5	Eleventh
Oral and written	Use of display screen,	Endocrine	Identify the types of	5	Twelfth



	educational videos and models	system	hormones in terms of structure, function, release sites, and effects		
Oral and written	Use of display screen, educational videos and models	Endocrine system	Identify the types of hormones in terms of structure, function, release sites, and effects	5	Thirteenth
Oral and written	Use of display screen, educational videos and models	Nerves system	Identify the components of the nerve cell and how signals are transmitted to and from the body	5	Fourteenth

**11. Course Evaluation**

Semester grade (20) is distributed as follows:

- Daily exam 5%
- Monthly exam 10%
- Practical exam 10%
- Attendance 5%

**Total 30% and converted to 20%**

**.12 Learning and teaching resources**

. Required textbooks (methodology if any)

Main References (Sources)	Clinical Anatomy (Snell, 2006) - Atlas of Anatomy (Drake, 2008) - Textbook of Medical Physiology (Guyton & Hall , 2006) - Human
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	Anatomy (Harris , 2008) - Human Physiology (Pocock, 2004) - Essentials of Anatomy & Physiology (Martini, 2009). - Anatomy & Physiology for Nurses (Coilbert, 2009)
	Recommended supporting books and references (scientific journals, reports, etc.)
PubMed ,Up To Date	Electronic references, websites
<ul style="list-style-type: none"> <li>• Follow up on the ministerial curricula approved by the Nursing Deans Committee</li> <li>• Follow up on sources and books for the purpose of exposure to updates</li> <li>• Draw up an annual work plan aimed at improving the curriculum and using various means to deliver information to the student</li> </ul>	Curriculum Development Plan

