1. Course Name:
Anatomy & Physiology
2. Course Code:
MIE21205
3. Semester / Year: 2025- 2026
Semester / Year:
4. Description Preparation Date:
14/12/2025
5. Available Attendance Forms:
Weekly (Theory: 2 hours, Practically: 2 hours)
6. Number of Credit Hours (Total) / Number of Units (Total)
Theory: 30 Hours Practically: 30 hours Total: 60 hours Total Units: 4
7. Course administrator's name (mention all, if more than one name)
Name: Dr. Satea Yousif Mohammed Email: satai.yousif@muc.edu.iq
8. Course Objectives

Course Objectives	**1-Anatomy and Physiology are important medical discipline to understand structures and functions of human body cells, tissues, organs, organ systems, and as a whole system, how it works and the relationships between body parts.** **2- This mode unit consists of main elements of anatomy and physiology, the terminology used, and how our body control itself.** **3- Students will be able to understand how medical device work with the human body and what the benefit from it.** **4- To understand the level of organization of the human organism and the homeostati system.** **5- To understand the chemical structure, chemical reactions and their control with ac base balance in human body.** **Module Learning Outcomes مخرجاث انتعهم**
9. Teaching and Learning Strategies	
Strategy	The learning and teaching strategies employed in this module can vary depending on the specific course. However, here are some common strategies that may be used with this course: Teaching methods include: □ lectures □ seminars □ tutorials □ lab experiments □ design assignments. industrial visits □ professional training □ a variety of projects Assessment: methods of assessment include a combination of: □ coursework □ group project reports

	□ lab reports □ written exams.

1. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	**Th.:2 Pr.: 2**	Introductio to Anatomy and Physiology.	Introduction	Lect. & Lab.	Exam
2	Th.:2 Pr.: 2	The Chemi level of Organizatio	The Chemical level of Organizat	Lect. & Lab.	Quiz
3	Th.:2 Pr.: 2	The Cell le of Organizatio	The Cell level of Organization	Lect. & Lab.	Homework
4	Th.:2 Pr.: 2	The Tissue level of organizatio	The Tissue level of organization	Lect. & Lab.	Exam
5	**Th.:2 Pr.: 2**	The Integument ary system	The Integumentary system	Lect. & Lab.	Quiz
6	Th.:2 Pr.: 2	The Muscu system	The Muscular system	Lect. & Lab.	Homework
7	Th.:2 Pr.: 2	Mid Exam		Lect. & Lab.	Exam
8	Th.:2 Pr.: 2	The Skeleta System	The Skeletal System	Lect. & Lab.	Quiz
9	Th.:2 Pr.: 2	The Central Nervous System	The Central Nervous System	Lect. & Lab.	Homework
10	Th.:2 Pr.: 2	The Periphe Nervous System and Autonomic Nervous System	The Peripheral Nervous System and Autonomic Nervous System	Lect. & Lab.	Exam
11	Th.:2 Pr.: 2	The Sense a Sensory System.	The Sense and Sensory System.	Lect. & Lab.	Quiz
12	Th.:2 Pr.: 2	The Endocr System.	The Endocrine System	Lect. & Lab.	Homework
13	Th.:2 Pr.: 2	The Cardiovasc r System: T	The Cardiovascular System: The Heart, Blood Vessels And Blood.	Lect. & Lab.	Exam

		Heart, Bloo Vessels An Blood.			
14	Th.:2 Pr.: 2	The Respiratory System. The Urinary System.	The Respiratory System.	Lect. & Lab.	Quiz
15	Th.:2 Pr.: 2	Preparatory week befor final exam	Preparatory week before final exam	Lect. & Lab.	Homework

2. Course Evaluation

The grade distribution is as follows:
Assessment: Formative 40 marks, Monthly exam 10 marks
Final exam: Theory 40 marks, Practical 10 marks

3. Learning and Teaching Resources

Required textbooks (curricular books any)	Frederic H Martini, Edwin F Bartholome William C. Ober, Claire W. Garrison, Kathle Welch, & Ralf T Hutchings (2007), Essentials Anatomy and Physiology, 14th edn, Pears Education, San Francesco, USA.
Main references (sources)	
Recommended books and references (scientific journals, reports…)	1- Human Physiology Study Guide 2- Human Anatomy & Physiology: Help a Review
Electronic References, Websites	ıctive physiology, Copyright © 2005 Pears Education, Inc. publishing as Benjamin

Course Description Form

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