

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Medical Physiogoy 1
Course number	DENT2228
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - This course entails the study of the normal function of the cells, tissues, organs and different body systems and how these organs and systems are integrated to maintain normal internal environment of the body (homeostasis).
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Intended Learning Outcomes

Knowledge and Understanding	* At the end of the course, the student will be able to : - Understand the general as well as the specific function of each type of cells, organs and systems * - To understand the different physiological control mechanisms that maintain normal function (motor, sensory, visceral and secretory function).
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Course Contents

1 - Regulating systems
2 - Autonomic nervous system
3 - Physiology of the nerve
4 - Physiology of the muscle
5 - Blood
6 - Circulation 1
7 - Circulation 2
8 - Respiration 1
9 - Respiration 2
10 - Digestion
11 - Endocrine system
12 - Nervous system
13 - Special senses
14 - Urinary system

Teaching and Learning Methods

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| 1 - Powerpoint slide presentation
2 - Discussion |
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Teaching and Learning Methods for the Disabled Students

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| 1 - Powerpoint slide presentation |
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Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First midterm examination	One hour	25%
Second midterm examination	One hour	25%
Final examination	Two hours	50%

Books and References

Course note	Medical Physiology for Dental Students, by members of staff of Physiology Department, Mohamady et, al.,2012. Faculty of Medicine, Cairo University
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Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Regulating systems	1	study of the normal function of the cells, tissues, organs and different body systems and how these organs and systems are integrated to maintain normal internal environment of the body			
Autonomic nervous system	2	- To understand the different physiological control mechanisms that maintain normal function (motor, sensory, visceral and secretory function).			
Physiology of the nerve	3				
Physiology of the muscle	4				
Blood	5				
Circulation 1	6				
Circulation 2	7				
Respiration 1	8				
Respiration 2	9				
Digestion	10				
Endocrine system	11				
Nervous system	12				
Special senses	13				
Urinary system	14				