

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Medical Physiology II
Course number	DENT2226
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

- At the end of the course, the student will be able to : - Understand the general the specific function of each type of cells, tissues, organs and systems - Understand the different physiological control mechanisms that maintain normal function - Understand the specific physiological concepts related to dental specialty.
- 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). Human physiology is tailored to the needs of students of dentistry to helps students gain a deeper understanding of how physiological concepts apply to clinical dental practice.

Course Contents

- Week Subject 1 Physiology of respiratory system 1 2 Physiology of respiratory system 2 3 Physiology of respiratory system 3 4 Physiology of respiratory system 4 5 Physiology of the endocrine system 1 6 Physiology of the endocrine system 2 7 Midterm examination 8 Physiology of the endocrine system 3 9 Physiology of nervous system 1 10 Physiology of nervous system 2 11 Physiology of nervous system 3 12 Physiology of the special senses 1 13 Physiology of the special senses 2 14 Physiology of the urinary system
- PowerPoint slide presentation

Students Assessment

Assessment Method	TIME	MARKS
Midterm examination	One hour	30%
Moodle examinations	One hour	30%
Final examination	One and half hour	40%

Books and References

Course note	1. Essential Physiology for Dental Students, Karman Ali, University of Plymouth, 2018 2. Medical Physiology for Dental Students, by staff members of Physiology Department, 2018. Faculty of Medicine, Cairo University
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