

UNIVERSITY OF JORDAN
DEPARTMENT OF BIOLOGICAL SCIENCES
FALL SEMESTER 2011

COURSE NUMBER: 0334463
COURSE TITLE: Endocrinology
PREREQUISITE: 0344363 (Physiology)
CREDITS: 3 semester credits
MEETING TIME: 11:00AM-12:00PM Sunday and Tuesday
INSTRUCTOR: Hana Hammad, Ph.D.
Office 308, Biology Building
Phone: 535-5000 / Ext.22202
Office hours: to be announced
E-mail: hhammad@ju.edu.jo

COURSE OUTLINE:

The following topics will be covered in this course, the order of topics is subject to change and it is the student responsibility to check Blackboard for details and updates.

<http://Blackboard.ju.edu.jo>

Student username: 0334463_std password: 0334463_std

Topic	Chapter
Introduction to the Course	
Introduction to Endocrinology	1
Mechanisms of Hormone Action	2
Hypothalamus & Anterior Pituitary Gland	5
Posterior Pituitary (Neurohypophysis)	6
The Thyroid Gland	8
Metabolic Bone Disease	9
Glucocorticoids and Adrenal Androgens	10
Endocrine Hypertension	11

Adrenal Medulla & Paraganglia	12
Pancreatic Hormones & Diabetes Mellitus	18
Hypoglycemic Disorders	19
Testes	13
Female Reproductive Endocrinology & Infertility	14
The Endocrinology of Pregnancy	17

REQUIRED TEXTBOOK:

Gardner, DG. & Shoback D. Greenspan's Basic & Clinical Endocrinology, 8th Ed. New York, McGraw Hill. 2007.

EVALUATION:

The grade for the course is derived from performance on tests, quizzes, assignments and group projects. Total possible points = 100 as follows:

- Tests: 90 points. Two announced tests will be given (25 points each) and a final test (40 points). Tests will cover material from lectures, required reading material, lab material, worksheets and assignments:

<i>Test 1</i> -	October 18 th , Tuesday
<i>Test 2</i> -	November 27 th , Sunday
<i>Final Test</i> -	To be announced
- Student's evaluation (10 points total): includes quizzes, class participation, worksheets, assignments and group projects.