
COURSE DESCRIPTION

This course details the normal structure, function and clinical correlations of the renal, reproductive, and digestive systems, including associated areas of metabolism, electrolytes and growth and development.

LEARNING OBJECTIVES

The student will learn the structure and function of the human body from the western viewpoint. A working knowledge of the body systems and their interrelationship to form a functioning organism will be attained over the course series.

COURSE PREREQUISITES

Anatomy & Physiology I

REQUIRED TEXTS

Hole, Human Anatomy and Physiology, 14th edition. Brown, Dubuque, 2016
Netter, Atlas of Human Anatomy. Ciba-Geigy Corporation, summit, New Jersey, 1989.
Kapit, The Anatomy Coloring Book, 3rd edition, Cummings, Boston, 2002

RECOMMENDED TEXTS

Guyton, Textbook of Medical Physiology, 9th edition,. Saunders, Philadelphia, 2000
Tortora, Principles of Human Anatomy, 2nd edition. Harper and Row, New York, 1980.
Warwick and Williams, Grays Anatomy 4) Crouch Functional Human Anatomy, 2nd edition,. Lea and Febiger, Philadelphia, 1973.

COURSE REQUIREMENTS

Out-of-Class Work

To successfully complete the program, students need to plan studying a minimum of 2 hours out-of-class for each academic in-class hour; and half an hour out-of-class for each hour of clinical training.

- 10 Points Class Attendance
- 10 Points Coloring Book
- 40 Points Mid-Term Examination
- 40 Points Final Examination
- 100 Points Total.

Classroom lectures represent the instructor's emphasis and focus on certain aspects of the course material. The student is responsible for the assigned readings.

GRADING SCALE: 100-90% A, 89-80% B, 79-70% C, 69% and below F

SPECIAL NOTES

Professionalism and Full and Prompt Attendance: To pass any course (separate from academic performance) all students must meet requirements for professionalism in coursework. Professionalism includes full and prompt attendance: students who miss more than 2 class meetings in a 10-week course or 1 class meeting in a 7-week

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course will earn an F in that course. Additionally, students who arrive more than 15 minutes to class or leave class before it ends will be given ½ absence towards attendance. NOTE: Students who leave and return to class late from a break or leave during the class (especially if this is repeated) or who disrupt the class in other ways may earn an F in that class and/or be referred to the Academic Dean for professionalism.

CLASS ONE (The syllabus is subject to change at the discretion of the instructor.)

Urinary System

Gross And Microscopic Anatomy Of Renal System.

Urine Formation: Filtration, Tubular Reabsorption And Secretion.

Assignment Hole, Chapter 20

Kapit Color Pages For Kidneys, Reproductive, And Digestive Systems

CLASS TWO

Urine Regulation And Elimination

Common Pathology

Assignment Hole, Chapter 20

CLASS THREE

Water, Electrolyte, And Acid-base Balance.

Assignment Hole, Chapter 21

CLASS FOUR

Male Reproductive System

Anatomy Of Internal And External Reproductive Organs.

Hormonal Control

Reproductive Physiology And Birth Control

Common Pathology

Assignment Hole, Chapter 22

Kapit Pgs 157-164

CLASS FIVE

Female Reproductive System

Anatomy Of Internal And External Reproductive Organs.

Hormonal Control

Reproductive Physiology And Birth Control

Common Pathology

Assignment Hole, Chapter 22

CLASS SIX

Mid-Term Examination

CLASS SEVEN

Human Growth And Development

Prenatal Period

Fetal Circulation

Birth

Postnatal Period
Aging And Death

Assignment Hole, Chapter 23
Kapit Pgs 165-170

CLASS EIGHT

Digerstive System
Anatomy And Physiology Of Digestive System
Lips, Tongue, And Oral Cavity
Salivary Glands
Pharynx And Swaloowing Reflex
Esophagus
Stomach
Assignment Hole, Chapter 17
Kapit Pgs 136-145

CLASS NINE

Digestive System
Anatomy And Physiology Of Digestive System
Liver, Gallbladder, And Pancreas
Small Intestine
Large Intestine
Common Pathology

Assignment Hole, Chapter 17

CLASS TEN

Nutrition And Metabolism
Hunger, Physiologic Control And Regulation
Metabolism A. Carbohydrates
Proteins
Lipids
B M R
Vitamins And Minerals
4. Starvation And Malnutrition
Assignment Hole, Chapter 18

CLASS ELEVEN

Final Examination

REFERENCE MATERIAL

FACULTY INFO

Redmond, Michael
Please check with instructor during class to get updated contact info.
310.676.2209
Kampfwagen@sbcglobal.net

Michael Redmond has taught Western medicine courses to TCM students for many years. His previous clinical experiences include trauma, intensive care, anesthesia, and home health. Currently Redmond teaches several courses

Course Code **WS207**
3 Units
30 Hours

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Redmond, Michael
Winter 2019

in the MTOM Program including Biology, Chemistry, Biochemistry, Western Physical Assessment, Anatomy and Physiology and Western Medical Terminology among others.