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 PREREQUISITIES

Anatomy & Physiology I

REQUIRED TEXTS


RECOMMENDED TEXTS


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
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
Digestive System
Anatomy And Physiology Of Digestive System
Lips, Tongue, And Oral Cavity
Salivary Glands
Pharynx And Swallowing 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

Please check with instructor during class to get updated contact info.
WS207
3 Units
30 Hours

ANATOMY & PHYSIOLOGY III

Kim, Kyung
Summer 2019