

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Health Information Technology</u>
COURSE RUBRIC AND NUMBER	<u>HPRS 2201</u>
COURSE TITLE	<u>Pathophysiology</u>
COURSE CREDIT HOURS	<u>2 2 :</u> <u>0</u>
	Credits Lec Lab

I. Catalog Description

Studies the pathology and general health management of diseases and injuries across the life span. Includes topics on etiology, symptoms, and the physical and psychological reactions to diseases and injuries. A grade of "C" or better is required in this course to take the next course. **(2:0)**.

II. Course Objectives

A. Unit I. Disease Processes.

Upon satisfactory completion of this unit, the student will be able to:

1. identify the terms by which diseases are classified,
2. spell correctly all terms used to classify diseases.

B. Unit II. Bone and Joint Disease Processes.

Upon satisfactory completion of this unit, the student will be able to:

1. identify the types of bone fractures,
2. identify disease processes which afflict the skeletal system, and
3. spell correctly all terms associated with bone fractures and maladies.

C. Unit III. Muscle Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify the injuries that can affect the muscles and their attachments,
2. identify the diseases that can affect the musculoskeletal system,
3. spell correctly all terms associated with injuries and diseases of the muscles and their attachments.

D. Unit IV. Digestive System Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify symptoms of gastrointestinal illness,
2. identify diagnostic tools used for determining the etiology of gastrointestinal problems,
3. identify abnormalities and malformations of the digestive system,
4. identify parasites and protozoa responsible for gastrointestinal disease,
5. spell correctly all terms associated with disease processes of the digestive system.

E. Unit V. Respiratory System Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify symptoms of respiratory pathology,
2. identify diagnostic tools for determining pulmonary disorder,
3. identify maladies of the respiratory system,
4. spell correctly all terms associated with respiratory system disease processes.

F. Unit VI. Cardiovascular System

Upon satisfactory completion of this unit, the student will be able to:

1. identify the general components and functions of the cardiovascular system, and spell all terms correctly,
2. identify the structures of the heart and spell all terms correctly,
3. identify the arteries of the head, neck, and brain,
4. identify the arteries of the torso (chest, abdomen, pelvis),
5. identify the arteries of the arm and leg,
6. identify the veins of the head, neck, brain, torso, arm, and leg,
7. spell the names of arteries and veins correctly.

G. Unit VII. Reproductive and Excretory System Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify symptoms of female reproductive system pathology,
2. identify diseases of the female reproductive system,
3. identify terms associated with pregnancy and childbirth,
4. identify terms associated with complications of pregnancy and childbirth,
5. identify symptoms of male reproductive system pathology,
6. identify diseases of the male reproductive system,
7. identify symptoms of excretory system maladies,
8. identify diseases of the excretory system,
9. spell correctly all terms associated with the reproductive and excretory systems.

H. Unit VIII. Endocrine System Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify diseases of the endocrine system,
2. spell correctly all terms associated with endocrine system disease processes.

I. Unit IX. Nervous System Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify nervous system disease processes,
2. identify diagnostic procedures and techniques for determining nervous system pathology,
3. identify symptoms of brain and nervous system pathology,
4. identify diseases of the nervous system,
5. spell correctly all terms associated with nervous system and brain disease processes.

J. Unit X. Sensory Organs Disease Processes

Upon satisfactory completion of this unit, the student will be able to:

1. identify names and types of skin abnormalities,
2. identify common integumentary system disorders,
3. identify disease processes of the eye,
4. identify eye symptoms and pathologies,

5. identify diagnostic procedures and techniques for determining pathology of the eye,
6. identify disease processes of the ear, nose, and throat,
7. spell correctly all terms associated with disease processes of the sensory organs.

III. THECB Learning Outcomes (WECM)

1. Distinguish environmental factors, physical, psychosocial, and cognitive characteristics of various diseases and conditions.
2. Identify implications of therapeutic interventions for diseases and conditions.

IV. Evaluation

A unit test will be administered at the completion of each unit in this course. The student's grade in the course is determined by combining unit test scores with the final examination score in the following way:

Unit test score average: 50%
Final Examination: 50%

Grading Scale

<u>Average Grade</u>	<u>Letter Grade</u>
93-100%	A
83-92%	B
75-82%	C

Anything below a C is considered failing due to the requirements of the Health Occupations programs.

V. Disability Statement (American with/Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.