



**Purpose:** It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

**Course Title** – Pathophysiology

**Course Prefix and Number** – HPRS 2301

**Department** – Health Information Technology

**Division** – Allied Health

**Course Type:** (check one)

- Academic General Education Course (from ACGM – but not in WCJC Core)  
 Academic WCJC Core Course  
 WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

**Semester Credit Hours # : Lecture hours# : Lab/other hours #**     3:3:0

**Equated Pay hours for course -** 3

**Course Catalog Description** - Study of pathology and general health management of diseases and injuries across the life span. Topics include etiology, symptoms, and the physical and psychological reactions to diseases and injuries.

**Prerequisites/Co requisites** – BIOL 2402 or consent of instructor

*Approvals – the contents of this document have been reviewed and are found to be accurate.*

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

Prepared by Debbie Lutringer, RHIA, CTR	Signature 	Date 9-23-10
Department Head Debbie Lutringer, RHIA, CTR	Signature 	Date 9-23-10
Division Chair Carol Derkowski, RDH, MAIE	Signature 	Date 9-27-10
Vice President of Instruction or Dean of Vocational Instruction Leigh Ann Collins, RDH, MAIE	Signature 	Date 1-14-11



**I. Topical Outline** – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

Introduction to Disease

- B. Immunity, Inflammation, and Immune Disorders
- C. Infectious Diseases
- D. Cancer
- E. Heredity and Disease
- F. Diseases of the Cardiovascular System
- G. Diseases of the Blood
- H. Diseases of the Respiratory System
- I. Diseases of the Gastrointestinal System
- J. Diseases of the Urinary System
- K. Diseases and Disorders of the Reproductive System
- L. Diseases of the Endocrine System
- M. Diseases of the Nervous System and Special Senses
- N. Mental Illness and Cognitive Disorders
- O. Diseases of the Musculoskeletal System
- P. Diseases of the Integumentary System

**II. Course Learning Outcomes**

Course Learning Outcome	Method of Assessment
Distinguish environmental factors, physical, psychosocial, and cognitive characteristics of various diseases and conditions.	Written exam
Identify implications of therapeutic interventions for common diseases and conditions.	Written exam

**III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.**

Mulvihill, Mary Lou, Human diseases a Systemic Approach, 7<sup>th</sup> Edition, Prentice Hall, Upper Saddle River, NJ, 2010.

Regular access to technology appropriate for [www.courses](http://www.courses).

Recommended: The Merck Manual, 17<sup>th</sup> Edition, Merck and Co. Rahway, NJ, 1999.

**IV. Suggested Course Maximum - 20**

**V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.**

Lecture/lab classroom. Instructor must have training and access to all appropriate technology for [www.courses](http://www.courses).

**VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course** Final evaluation will be based on grades achieved during the semester and the final exam. The final exam evaluation will be on the following scale:

93—100%	A
85—92%	B
78—84%	C
70—77%	D
69—0%	F

Final evaluation will be based on grades achieved during the semester and the final exam.

Assignments/Attendance/Quizzes	30%
Exams	50%
Final Exam	20%

**VII. Curriculum Checklist**

- **Academic General Education Course** (from ACGM – but not in WCJC Core)  
No additional documentation needed
  
- **Academic WCJC Core Course**  
Attach the Core Curriculum Checklist, including the following:
  - Basic Intellectual Competencies
  - Perspectives
  - Exemplary Educational Objectives
  
- **WECM Courses**  
If needed, revise the Program SCANS Matrix & Competencies Checklist.