**Collin College**

**Division of Health Sciences and Emergency Services**

**Health Information Technology**

**HPRS 2301 Pathophysiology**

**Instructor Syllabus, Fall 2009**

**Course Number:** HPRS2301.C01

**Course Title:** Pathophysiology

**Course Description:** This course introduces the student to important concepts related to human diseases. The most common diseases and disorders of each body system are presented along with a review of the anatomy and physiology pertinent to the content. Additionally, the effects of aging on the system and the relationship of aging to disease are presented.

**Course Credit Hours:** 3 **Lecture Hours:** 3 **Lab Hours:** 0

**College Repeat Policy:** A student may repeat this course only once after receiving a grade, including “W”.

**Course Delivery Method:** Lectures will be combined with group discussions, and alternative learning methods (slides, transparencies, films, etc.) will be used to augment lecture topics.

**Instructor’s Information:**

**Instructor’s Name:** Shannon Mathis

**Office hours** By appointment

**Contact Information**: Email –smathis@ccccd.edu

College website – http://iws.ccccd.edu/smathis

Class Information:

**Class Meeting Time:** Tuesday and Thursday, 5:30-6:45

**Class Meeting Location:** Room B206

**Supplies:**

**Required Textbooks:**

*Human Diseases, Second Edition*, Marianne Neighbors and Ruth Tannehill-Jones, ISBN 1-4018-7088-0, Delmar Thomson Learning (publisher); 2006.

*Workbook to Accompany Human Diseases, Second Edition*, Marianne Neighbors and Ruth Tannehill-Jones, ISBN 1-4018-7089-9.

**Optional but helpful supplies:**

1. Medical Dictionary – optional, but strongly recommended. Good choices include:
2. *Dorland’s Illustrated Medical Dictionary*, 30th edition, 2003, ISBN 0-7216-0146-4, W.B. Saunders Company (publisher) – required for the POFM 1331 course.
3. *Taber’s Cyclopedic Medical Dictionary*, Donald Venes, editor, 19th edition, 2001, 0-8036-0654-0, F.A. Davis (publisher) – required for the POFM 2313 course.

**Student Learning Outcomes:**

Upon completion of the course, the student will be able to:

1. Identify the important concepts related to human diseases.

2. Define key terminology relevant to human diseases and disorders.

3. Identify signs and symptoms, and diagnostic tests to common human diseases and disorders.

4. Describe specific common human diseases and disorders.

5. State the effects of aging on specific body systems.

6. Correctly pronounce common terminology related to human diseases.

**Course Requirements:**

If the student does not achieve a grade of “C” or better in this course, the course grade will be recorded as an “F”. Each student will be expected to complete the required course work (quizzes, worksheets, tests).

**Course Content:**

Unit I Concepts of Human Disease

Unit II Common Diseases and Disorders of Body Systems

Unit III Genetic/Developmental, Childhood, and Mental Health Diseases and Disorders

**Course Format:**

Powerpoint presentations, lecture notes, discussions, quizzes, major examinations, writing assignments, and final examinations.

**Method of Evaluation:**

There will be quizzes, 4 tests, comprehensive final exam, 21 worksheet assignments, and one written assignment for this class. Time required to complete assignments will vary according to individual skills.

**Test/Exams:** All tests will be in multiple-choice format. The final exam will be comprehensive and will be in multiple-choice format. Tests/Exams will be taken in class and will be available as noted on the Calendar.

**Quizzes:** Five 20-point multiple choice quizzes will be given throughout the duration of the semester. The quiz grades will be totaled at the end of the semester to attain a total. If the total is higher than the lowest test grade, the quiz total will replace it.

**Assignments:** Each student will be required to complete each of the 21 worksheets corresponding to the chapter at hand. Each worksheet will be graded for completion, with 10 graded for correctness. The student will not be informed, beforehand, which worksheet will be graded for correct answers but is expected to complete each as though it would be graded as such.

One research paper is required to be completed by each student. The specifics of the paper will be given when the topics are given to the student.

**Class Participation:** Class participation is required.

Final course grades are calculated as follows:

|  |  |
| --- | --- |
| 4 Tests | 50% |
| Written Assignment | 15% |
| Worksheets/Workbook | 10% |
| Comprehensive Final Examination | 25% **(everyone must complete a comprehensive final examination)** |
| ***TOTAL*** | **100%** |

Grades will be assigned based on the following grade scale:

|  |  |
| --- | --- |
| 90-100 points | A |
| 80-89 points | B |
| 70-79 points | C |
| 60-69 points | D |
| Below 60 points | F |

(**NOTE:** Final grades will be rounded such that any score above 0.5 will be rounded to the nearest whole number. For example, a grade of 69.5 points will be rounded to 70. A grade of 85.4 points will be rounded to 85.)

**Late Assignments:** All assignments should be completed and submitted to the instructor on the scheduled due date. Late assignments will be accepted the class meeting after the original due date with a 30 point loss. No late assignments will be accepted after this date and any missing grades will be posted as a “0”.

**Attendance Policy:** Students are expected to attend each class meeting unless a significant emergency should arise.

**Academic Integrity and Code of Conduct:** For the latest CCCCD College Catalog, go to [www.ccccd.edu/](http://www.ccccd.edu/).

You are expected to complete your own assignments. If cheating or disk sharing occurs, all parties involved will be denied any credit for that assignment or test. The matter may be referred to the appropriate Dean for further action.

**Course Withdrawal Policy:** Please see the current Registration Guide for the course withdrawal policy. **Last day to withdraw from the Fall 2009 course is October 16th, 2009.**

**Religious** Holy Days**:** Please refer to the current *Collin Student Handbook*.

**ADA Statement:** It is the policy of Collin County Community College to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-G200 or 972.881.5898 (V/TTD: 972.881.5950) in a timely manner to arrange for appropriate accommodations.

**Academic Ethics**:

The College District may initiate disciplinary proceedings against a student accused of scholastic dishonesty. Scholastic dishonesty includes, but is not limited to, statements, acts, or omissions related to applications for enrollment or the award of a degree and/or the submission as one's own work material that is not one's own. Scholastic dishonesty may involve, but is not limited to, one (1) or more of the following acts: cheating, plagiarism, collusion, use of annotated texts or teacher’s editions, and/or falsifying academic records.

**Plagiarism** is the use of an author's words or ideas as if they were ones’ own without giving credit to the source, including, but not limited to, failure to acknowledge a direct quotation.

**Cheating** is the willful giving or receiving of information in an unauthorized manner during an examination, illicitly obtaining examination questions in advance, copying computer or Internet files, using someone else's work for assignments as if it were one's own, or any other dishonest means of attempting to fulfill the requirements of a course.

**Collusion** is intentionally or unintentionally aiding or attempting to aid another in an act of scholastic dishonesty, including but not limited to failing to secure academic work; providing a paper or project to another student, providing an inappropriate level of assistance; communicating answers to a classmate during an examination or any other course assignment; removing tests or answer sheets from a test site, and allowing a classmate to copy answers.

**Syllabus Changes:**

While every attempt has been made to prepare this syllabus in final form, it will be the instructor’s prerogative to make any changes as may be deemed necessary in order to meet the learning outcomes of the class. Students will be notified of any changes by email and through postings at the course website.

**NOTE:** A copy of the generic/departmental syllabus is available in the Health Sciences and Emergency Services Division office and on the college web site at: <http://iws.ccccd.edu/syllabus>.