**Course Title** - Pathophysiology  
**Course Prefix and Number** – PTHA 1321  
**Department** – Physical Therapist Assistant  
**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 #  
**EQUITED PAY HOURS FOR COURSE** - 3:3:0  
**List Lab/Other Hours**  
| Lab Hours | 0 |
| Clinical Hours | 0 |
| Practicum Hours | 0 |
| Other (list) | 0 |

**Course Catalog Description**  
Study of the pathophysiology of diseases/conditions commonly encountered in physical therapy.

**Prerequisites/Co requisites** – Biol. 2401, 2402, PTHA 2205 and 1360

---

**Prepared by** Betty Salas PT  
**Date** 6-29-11

**Reviewed by department head** Betty Salas PT  
**Date** 6-29-11

**Accuracy verified by Division Chair** Carol Derkowski  
**Date** 7-25-11

**Approved by Dean of Vocational Instruction or Vice President of Instruction**  
**Stephanie Dees**  
**Date** 8/2/2011
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):

I. Introduction to Pathophysiology
II. Immunity, Inflammation, and Immune Disorders
III. Infectious Diseases
IV. Neoplasms
V. Heredity and Disease
VI. Nutrition and Disease
VII. Diseases of the Cardiovascular System
VIII. Diseases of the Blood
IX. Diseases of the Respiratory System
X. Disease of the Digestive System
XI. Diseases of the Urinary System
XII. Diseases of the Reproductive System
XIII. Diseases of the Endocrine System
XIV. Diseases of the Nervous System and special Senses
XV. Mental Illness
XVI. Diseases of the Bones, Joints, and Muscles
XVII. Diseases of the Skin

II. Course Learning Outcomes

<table>
<thead>
<tr>
<th>Course Learning Outcome</th>
<th>Method of Assessment</th>
</tr>
</thead>
</table>
| Describe the etiology, pathogenesis, and signs and symptoms of selected diseases/conditions relevant to physical therapy; identify precautions and contraindications that affect physical therapy interventions; identify acute physiological changes that require a response; and identify pertinent medications and lab values which impact patient care. | •Each of 4 hourly exams will consist of approximately 50-70 multiple choice and short-answer questions. The comprehensive final exam will consist of approximately 100-150 multiple choice questions. Exam material will include both lecture and reading assignments with at least 80% of each exam coming directly from the lecture notes.  
•Make-up exams will only be given to students with an excused absence. If you know ahead of time that you will have a school excused absence on an exam day, it is your responsibility to make arrangements to take the exam early. A zero will be recorded for any exams missed during the semester and may only be replaced by taking a comprehensive short answer/essay make-up exam the week before finals. Again, it is your responsibility to make arrangements for taking the make-up exam. A student may only take one make-up exam per semester.  
Quizzes will also be used for evaluation. There will be approximately 7 quizzes throughout the semester. Missed quizzes will not be made up you are allowed to drop 2 quiz scores. |
III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

IV. Suggested Course Maximum - 24

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.
PowerPoint-capable room greatly enhances the class.

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

Quizzes: 15%
Exams: 65%
Comprehensive Final Exam: 20%

90-100% = A
80-89% = B
75-79% = C
60-74% = D
0-59% = F

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.