



Academic Affairs - Course Proposal

Form A

CALIFORNIA STATE UNIVERSITY, SACRAMENTO

Academic Unit: Nursing & Physical Therapy		Department Chairs: Ann Stoltz & Susan McGinty	
Type of Course Proposal: New <u>X</u> Change ___ Deletion ___		Date: 04-17-06	
Does this course fulfill a requirement for single-subject or multiple subject credential students? Yes ___ No <u>X</u>		For Catalog Copy: Yes <u>X</u> No ___	CCE: Yes ___ No <u>X</u>
		Semester Effective: Fall <u>X</u> Spring ___ 2006	
Prefix & No. PT 130	Title: Pathophysiology	Units: 2	

JUSTIFICATION:

This course is a prerequisite course for all entering physical therapy graduate students. It is no longer a core course in the nursing curriculum. Although some nursing students take the course, the majority of the students enrolled in the course over the past 5 years have been students hoping to enter the physical therapy curriculum. PT faculty have taught the course at least one semester each year over the past 3 years. We would like to be able to list it as a PT130 course in the semesters when PT faculty teach the course and as a Nursing course when Nursing faculty teach the course. The course description and syllabus are the same.

NEW COURSE DESCRIPTION: (Not to exceed 80 words, and language should conform to catalog copy. See <http://www.csus.edu/acaf/univmanual/crspsl.htm> - Guidelines for Catalog Course Description)

This pathophysiology course is designed to promote the understanding and application of fundamental disease processes in clinical settings. General concepts of disease, including etiology, pathogenesis, morphology, and clinical significance are discussed. General pathophysiology concepts include: cell injury, necrosis, inflammation, wound healing, and neoplasia. These concepts are applied in a systems-oriented approach to disease processes affecting musculoskeletal, cardiopulmonary, renal, nervous, gastrointestinal, immune, hematological, and endocrine systems. Two hour lecture. 2 units.

Note:	
Prerequisite: BIO 022 or equivalent, BIO 131 or equivalent	
Corequisite: None	
CAN (California Articulation Number): None	
Graded: Letter <u>X</u> Credit/No Credit ___	Instructor Approval? Yes ___ No <u>X</u>
Course Classification:	Title for SIS+ (not more than 25 characters) General Pathophysiology
Cross Listed? Yes <u>X</u> No ___	If yes, with what course: NURS 130 General Pathophysiology
How Many Times Can This Course be Taken for Credit? No more than 2 times.	

FOR NEW COURSE PROPOSALS OR SUBSTANTIVE CHANGES ONLY:

Description of the Expected Learning Outcomes: Describe outcomes using the following format: “Students will be able to: 1), 2), etc.” See the example at <http://www.csus.edu/acaf/example.htm>

By the end of this course the student should be able to:

1. Discuss the etiology, pathogenesis, morphology, local & systemic effects of cell injury.
2. Explain the phenomenon of inflammation and its relationship to disease.
3. Discuss the implication of different patterns of wound healing.
4. Apply principles of immunology, cancer and basic physiological processes to systemic disease states.
5. Discuss the etiology, pathogenesis, morphology and clinical significance of selected disorders of the musculoskeletal, cardiopulmonary renal, nervous, gastrointestinal, immune, hematological and endocrine systems.

**Attach a list of the required/recommended course readings and activities [Note: it is understood that these are updated and modified as needed by the instructor(s).] This attachment should be forwarded only to your Dean's office, not Academic Affairs. Per attached syllabus

Assessment Strategies: A description of the assessment strategies (e.g., portfolios, examinations, performances, pre- and post-tests, conferences with students, student papers) which will be used by the instructor to determine the extent to which students have achieved the learning outcomes noted above:

Examinations (multiple choice; matching; true/false—account for 80% of the grade) and home work assignments (short answer, open book, take-home assignments—account for 20% of the grade).

For whom is this course being developed?

Majors in the Dept___ Majors of other Depts___ Minors in the Dept___ General Education___ Other X___

Is this course required in a degree program (major, minor, graduate degree, certificate)? Yes X No___

If yes, identify program(s): Prerequisite requirement for Physical Therapy

Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer facilities, faculty, etc.)? Yes___ No X___

If yes, attach a description of resources needed and verify that resources are available.

Indicate which department or programs will be affected by the proposed course (if any). Nursing & Physical Therapy
The Department Chair's signature below indicates that affected programs have been sent a copy of this proposal form.

Approvals: If proposed change, new course or deletion is approved, sign and date below. If not approved, forward without signing to the next reviewing authority, and attach an explanatory memorandum to the original copy.

Signatures:

Date

Department Chair:	
College Dean or Associate Dean:	
CPSP (for school personnel courses ONLY)	
Associate Vice President and Dean for Academic Programs	

Distribution: Academic Affairs (original), Department Chair and College Dean. Dean's office to send original after approval to Jerri McAtee, at zip 6016. An electronic copy must also be sent to mcatee@csus.edu.

CALIFORNIA STATE UNIVERSITY, SACRAMENTO
College of Health & Human Services
Department of Physical Therapy

PT 130 - General Pathophysiology

COURSE CREDIT: 2 UNITS **Fall, 2006**

INSTRUCTOR: Brad Stockert, PhD, PT office hours: 9:00 - 10:30
4022 Solano Hall Tuesdays & Thursdays
Office phone: 278-3619 (or by appointment)
bstockert @ csus.edu

COURSE LOCATION: Solano 2000

COURSE MEETING TIME: Wednesday, 9:00 - 10:45 (5 minute break ~10:00)

COURSE DESCRIPTION: This pathophysiology course is designed to promote the understanding and application of fundamental disease processes in clinical settings. General concepts of disease, including etiology, pathogenesis, morphology, and clinical significance are discussed. General pathophysiology concepts include: cell injury, necrosis, inflammation, wound healing and neoplasia. These concepts are applied in a systems-oriented approach to disease processes affecting musculoskeletal, cardiopulmonary, renal, nervous, gastrointestinal, immune, hematological and endocrine systems.

PREREQUISITES: Bio 022 (Introductory Human Anatomy) or equivalent
Bio 131 (Systemic Physiology) or equivalent

REQUIRED TEXT: Heuther, SE and McCance K; Understanding Pathophysiology,
3rd edition; CV Mosby.

TEACHING STRATEGIES AND LEARNING ACTIVITIES:

1. lectures
2. assigned readings
3. case studies
4. slide/videotape presentations, as appropriate
5. class discussions

COURSE OBJECTIVES: By the end of this course the student should be able to:

1. Discuss the etiology, pathogenesis, morphology, local & systemic effects of cell injury
2. Explain the phenomenon of inflammation and its relationship to disease.
3. Discuss the implications of different patterns of wound healing.
4. Apply principles of immunology, cancer and basic physiological processes to systemic disease states.
5. Discuss the etiology, pathogenesis, morphology and clinical significance of selected disorders of the musculoskeletal, cardiopulmonary renal, nervous, gastrointestinal, immune, hematological and endocrine systems.

GRADING PROCEDURES:

4 TESTS WILL BE GIVEN - Each test is 20% of your grade for a total of 80% of your course grade. Tests will be short answer and/or multiple choice in nature. You must bring a 50-answer scantron sheet, #2 pencil and photo identification with you to the tests. You may not leave the room once the test has been distributed. All books, backpacks, etc. must be closed and on the floor during testing. You may check your scores & grades at any time using WebCT.

10 HOMEWORK ASSIGNMENTS - Each assignment is worth 10 points for a possible total of 100 points. Homework counts for a total of 20% of your course grade (the equivalent of one test)... Homework consists of short answer, open book, take-home assignments. Assignments may be done in study groups and you are encouraged to find and read the relevant sections of your textbook as a resource. However, each student must provide the answers to the quizzes *in their own hand-writing and the writing must be legible* in order to receive credit for the quiz. Failure to follow these guidelines will result in a score of "0" being recorded for that quiz. Please make a copy of your homework prior to handing it into the instructor so that you have information to study for the exam. You may check the status of your homework assignments by using WebCT.

GRADING SCALE:

$\geq 92.0 = A$	≥ 78.0 and $< 80.0 = C+$
≥ 90.0 and $< 92.0 = A-$	≥ 72.0 and $< 78.0 = C$
≥ 88.0 and $< 90.0 = B+$	≥ 70.0 and $< 72.0 = C-$
≥ 82.0 and $< 88.0 = B$	≥ 60.0 and $< 70.0 = D$
≥ 80.0 and $< 82.0 = B-$	$< 60.0 = F$

TESTING & GRADING POLICIES:

- 1) Homework assignments** are designed to increase your understanding and comprehension of the lecture to be given the day the homework is due. As such, assignments must be completed and turned in on or before the start of class on the due date in order to receive full credit for the assignment (10 points each). Late assignments will receive half credit (5 points) if they are completed and turned into the instructor prior to the exam on the assigned material. Failure to follow these guidelines will result in a score of "0" being recorded for the assignment.
- 2) All tests** must be taken on the date scheduled. If you will be unable to attend class on a day when a test is scheduled you must contact the instructor by phone or email in advance of the class meeting. Failure to provide notification in advance of a missed test may result in a score of "0" being recorded for that test.
- 3) Attendance at lectures is not required** and does not count toward your grade.

CSUS POLICIES & PROCEDURES REGARDING ACADEMIC HONESTY

General Principles (Part I)

The principles of truth and honesty are recognized as fundamental to a community of scholars and teachers. California State University, Sacramento (CSUS) expects that both faculty and students will honor these principles, and in so doing, will protect the integrity of academic work and student grades. CSUS is a publicly-assisted institution legislatively empowered to certify competence and accomplishment in general and discrete categories of knowledge. The President and faculty of CSUS are therefore obligated not only to the world at large but also to California to guarantee that substantive knowledge is actually acquired and the ability to acquire it is actually demonstrated by those to whom they assign grades and whom they recommend for degrees. Academic dishonesty defrauds all those who depend upon the integrity of the University, its courses and its degrees. This fraud is accomplished to the extent that faculty, students or campus employees knowingly or unwittingly allow academic dishonesty to work its deception.