

## SYLLABUS

**QUARTER:** SPRING 2009

**NAME OF COURSE:** Reproductive Physiopathology – PhPa 337

**LENGTH OF COURSE:** 33 hours, 3 units (3 hrs. lecture/week)

**COURSE DESCRIPTION:** The endocrinology of the male and female reproductive systems is studied, as are abnormal endocrine states. Pathologies of male and female reproductive systems are studied. Infertility is studied. Psychosexual disorders are studied. Clinical considerations are emphasized.

**PREREQUISITES:** Anat. 219, Phys. 220

**COURSE OFFERED BY:** Physiology/Pathology Department  
Suzanne L. Ray, B.A., M.S., Chair

**COURSE INSTRUCTOR:** Mark Thompson, DC, CCSP

**OFFICE HOURS:** By appointment only as follows:  
Monday & Wednesday 1 to 3 pm  
Tuesday & Thursday 930 am to noon  
Voice mail: 415-699-5945 mobile  
510-450-8700 ext 2100 office  
email: [mthompson@lifewest.edu](mailto:mthompson@lifewest.edu) or  
[markthompsondc@gmail.com](mailto:markthompsondc@gmail.com)

**REQUIRED TEXT:** Note packet from college book store

**RECOMMENDED TEXT:** Rathus S. *Human Sexuality in a World of Diversity*. 6<sup>th</sup> ed. 2005.  
Macfarlane PS. *Pathology Illustrated*. 5<sup>th</sup> ed. 2000

**REFERENCE TEXT:** (1) Bickley L. *Bate's Guide to Physical Examination and History Taking*. 9<sup>th</sup> ed. 2005  
(2) Macfarlane, P. *Pathology illustrated* 5<sup>th</sup> ed 2000  
(3) Kumar V. *Robbins and Cotran's Pathologic Basis of Disease*. 7<sup>th</sup> ed. 2005  
(4) Rubin E. *Robbin's Pathology* 4<sup>th</sup> ed. 2005  
(5) Ganong W. *Review of Medical Physiology*. 22<sup>nd</sup> ed. 2005  
(6) Marieb EN. *Human Anatomy and Physiology*. 6<sup>th</sup> ed. 2004

**MATERIALS:** NONE

**METHOD OF INSTRUCTION:** Lecture, Films, Power Point Presentation, Transparencies, Study Sheets, Case Studies

**GRADES AND METHOD OF GRADING:** There will be 2 midterms and a final.

A – 4.0            90-100% = A

B – 3.0            80-89% = B

C – 2.0            70-79% = C

The student must repeat the entire course below 70%

Midterm            100 points

Final                100 points

Class participation

And attendance    100 points

In order to maintain satisfactory Academic Progress, a student must maintain a 2.0 or better in each and every course. any grade less than a C must be remedied by repeating the class.

**You have one week after grade-posting to review your exams.**

**ATTENDANCE:**

Instructors are required to record student attendance. Roll can be taken at any time during the class period. The instructor may call names, pass a roll sheet, use submitted classroom assignments, or observe the students. If the instructor calls roll, a student who is not present when his or her name is called is absent. If the instructor uses a roll sheet, students have 15 minutes to sign in.

If a student arrives after attendance has been taken but within the first 15 minutes of the start of the class session, the student must see the instructor at the end of the class hour to request that his or her absence be changed to a tardy. Three tardies attendance constitute one hour of absence. Failure to notify the instructor will result in the absence mark remaining on the attendance sheet. This cannot be changed later. **No additional assignments can be used to compensate for absences except as outlined in the college course overlap policy.**

If a student leaves after attendance has been taken, the instructor can change the attendance record to indicate an absence for the class period. Any request to leave class early must be approved by the instructor before the class session.

A student who misses more than 10% of the class hours will be over-cut from the class. If the student presents documentation to the dean verifying a documented emergency or other excusable reason that prevented attendance for 15% of the class hours, the dean may permit him or her to continue attending the class. In determining whether or not to permit a student to continue attending a class, the dean will consider the student's overall attendance record and academic standing. Under no circumstances, regardless of any personal situation, will a student who misses 20% of the class hours receive course credit. Excused absences still count toward total absences, they only may entitle a student to make-up assignments and examinations.

**A student is responsible for keeping track of his or her own attendance and absences. Instructors may but are not required to provide courtesy notices indicating that a student is approaching or has reached over-cut status.**

Documented emergencies include hospitalization, accidents, or death in the family. Undocumented illness, not “feeling well,” weddings, events, extended vacations or school holidays, non-school scheduled seminars, etc., are not considered excusable reasons for missing class.

### **MAKE-UPS:**

Students are expected to take all examinations and complete assignments as scheduled.

Students who have missed an exam due to a documented emergency or other excusable reason must pick up a “Request for Alternative Testing” form in the Dean’s Office. At that time, they will explain the circumstances of their emergency and provide documentation to the Dean of the College. If the Dean authorizes the exam, the student must then present the form to his/her instructor to complete the necessary information. The student must then take the completed and signed request to the Student Services Office to schedule a time for the exam to be proctored. As indicated near the top of the form, Student Services requires a minimum of 5 working days to set up and schedule the approved exam.

Documented emergencies include hospitalization, accidents, or death in the family. Undocumented illness, not “feeling well,” weddings, events, extended vacations or school holidays, non-school scheduled seminars, etc., are not excusable reasons for making-up an exam or assignment.

**EXTRA CREDIT:** There will be no extra credit work accepted in this class.

### **CONDUCT AND RESPONSIBILITIES**

It is the student’s responsibility to maintain professional standards of behavior and attire while on campus. Students are expected to be prepared for instructional activities. They must bring required supplies/equipment and dress appropriately in accordance with the instructor’s directions. Failure to do so can result in the student being marked absent for the class session. Any disruptive activity (e.g. use of cell phones, side conversations) in the classroom is prohibited. If the instructor requires a disruptive student to leave the classroom, the student remains responsible for all information and will be marked absent for the class session. The dean will impose sanctions for unprofessional behavior. Any form of deceit, fraud, plagiarism, unauthorized collaboration, or theft will result in failure of the course and referral to the dean for disciplinary sanctions.

### **INDEPENDENT STUDENT WORK**

All assignments and exams must be the product of the individual student's original efforts for this class. Collaboration is prohibited.

### **REQUEST FOR TESTING ACCOMMODATIONS**

The student must notify the instructor of any authorized testing accommodations at least one week prior to the exam. Once arrangements have been made, they cannot be changed without approval from the instructor and the office of student services.

The student must notify the instructor of any schedule conflicts during final exam week at least one week prior to the beginning of final exams. Appropriate paperwork must be completed and submitted to the office of student services. Once arrangements have been made, they cannot be changed without approval from the instructor and the office of student services.

**COURSE OBJECTIVES:** Students are expected to acquire a thorough understanding of the embryological development, anatomy, physiological and endocrinological aspects of the human reproductive system as well as the patterns of sexual response, effects of drugs on sexual performance, problems and therapies, sexual orientation, variations, and contraception. In addition students are expected to be familiar with diseases and for pathological problems of both male and female reproductive organs. Students are expected to develop a professional and personal comfort in responding to questions regarding the human reproductive system presented to them in their clinical practice. They are expected to answer those questions and/or refer patients to the appropriate professional help. The students will be capable of recognizing when, and if there is a need, to refer to the appropriate medical professional for abnormal presentations involving the reproductive system.

### **(Tentative schedule)**

Reproductive Physiopathology – PhPa – Outline: Reading assignment to be given in class

WEEK 1      Intro – Course Plan – Gender and Sex Identity

WEEK 2	Embryology of Sex Development and Errors
WEEK 3	Male Anatomy Physiology & Pathology
WEEK 4	Female Anatomy, Physiology & Pathology
WEEK 5	Midterm/Sexual Response Cycle
WEEK 6	Sexual Response Cycle – Sex Behavior
WEEK 7	Sexual Problems – Tx
WEEK 8	Midterm/Sexual orientation
WEEK 9	Sexual Atypical Behavior
WEEK 10	Contraception
WEEK 11	Final