Welcome to Bio 327: The Biology of Human Reproduction (3 Units)!
Instructor: Dr. Kevin D. Long, Ph.D.

Chaparral HS, Temecula, Rm. 405
Mon 6:00pm-8:45pm
August 28th – December 4th

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Cell: 760-214-6336
(Please include on all email “Re: Bio 327”)
Office Hours: Mon 8:45-9:45pm or by appointment in classroom.

Required Text:

Optional Guides (supplemental):
Any HS/freshman level information on genetics, cell biology, and hormone biology

COURSE DESCRIPTION:
Bio 327 is a lecture course that meets once for two hours and 45 minutes of lecture each week (3 units). This class is a survey of human reproductive systems, how they function on molecular and physiological and behavioral levels, with evolutionary, health and sociological implications.

INTRODUCTION
Have you ever wondered: Where do babies come from? Why have different sexes? Are there sex differences in the brain? Do hormones really control sexuality? Do males have PMS? Is there life after STDs? How does stress affect sexual behavior?

This course seeks to provide you with the knowledge and analytical skills to understand the fundamentals of Human reproductive anatomy, physiology and behavior; AND to be able to apply these skills and knowledge to future discoveries and developments in reproductive science as they unfold throughout your lifetime. Our emphasis will be on connecting the anatomical and physiological mechanics of reproductive biology with their behavioral and sociological outcomes using diverse fields like molecular biology, evolutionary biology, neuroscience, psychology, and sociology. We will study the normal reproductive process as well as some disease states caused by malfunction of the developmental and physiological processes. We will also have a brief look at human development and birth. Along the way, we will attempt to incorporate some of the recent studies that have increased our knowledge of reproductive science, and their application to health, recreation and society.

ATTENDANCE & PARTICIPATION
Every student is expected to attend each class meeting, to arrive on time and to stay for the full class period. However, you are in the Big Time now and must keep your own schedule. I will take attendance sporadically, usually when doing a group exercise. I STRONGLY suggest being in class at least during those times, as a portion of your final grade (5%) will come from my impression of your classroom participation and attendance.
TEACHING METHODS & GRADING

I am a strong believer in classroom participation including student lead discussion, group demonstrations and oral presentations. In this course we will utilize a variety of learning opportunities that have been designed to facilitate your ability to understand, assimilate and evaluate your understanding of course material. There are three “Units” for this course each begins with a modified “Layered Curriculum” guide sheet. You are expected to complete the assignments listed on the guide sheet on time (see schedule) and also be prepared for quizzes and exams. Each Unit guide sheet has a “C”, “B” and “A” level of activities. In order to receive a grade of “C” you would have to complete the assignments in that level satisfactorily (which also includes satisfactory performance on the quiz and exam). In order to receive a grade of “B” you would have to complete the assignments in “C” AND in “B” satisfactorily. In order to receive a grade of “A”, you would have to complete the assignments in “C”, “B” AND “A” levels satisfactorily. The difference in the levels is the amount of effort involved in completing the assignments and the amount of ‘higher’ thought involved in the work. “C” level assignments tend to test basic knowledge; “B” level assignments allow you to synthesize and apply material learned; “A” level assignments allow you to go beyond the knowledge discussed in class to extrapolate about unknown but related topics, opinions, and predictions. There may be no correct answer for “A” level questions but you must support your answer carefully, thoughtfully and convincingly.

Each of the three units is worth 100pts and any extra credit projects and class participation grades are added in at the end:

For each unit: Grading: 86-100 A, 71-85 B, 55-70 C, 40-54 D

Final grade uses the same scale as for each unit but as a percentage of the total points possible (315pts see below). THERE ARE NO ADJUSTMENTS TO THE GRADING CURVE. Example: If you have 267 total pts (including EC work) at the end of the term, your total percentage is 85%, which gives you a B grade.

Unit 1  100pts
Unit 2  100pts
Unit 3  100pts

Class participation/attendance 15pts

TOTAL      315pts

Extra Credit**  20pts

** Large extra credit projects must be discussed with me for approval prior to 11/13**
** More than one smaller EC project may be done throughout the course but only a total of 20pts may be earned. Types of projects may include: case studies; research papers; student lead discussions on novel or review topics; community outreach programs; outside applications of physiology information learned in class; etc. Content is obviously more important than length but if you must have a guide: 2 pts a full page is ok.**

IMPORTANT DATES

August 28th  1st class.
September 6th Last day to add/drop class.
September 4th Labor Day holiday. No class.
October 16th Project preparation day; Out-of-class meetings.
December 4th Last day of class; Unit III Final Exam; All Unit III work due. (No final exam).