2600 South Neal Street, Commerce, TX 75249-3011
Department of Biological and Environmental Science
Phone: 903-468-8648

Course Number: BSC 497; CRN: 81979
Course Title: Pathology

Fall 2014

Instructors

Lecture: **Dr. Kodeeswaran Parameshwaran**
Assistant Professor of Biomedical Sciences
email: **kparameshwaran@tamuc.edu**
Phone: **903-468-8648**

	Day	Time	Room
Lecture:	**TR**	**11:00 am – 12:15 pm**	**Science #123**

Final Exam: Thursday, Dec 11, 2014; 11:00 am - 12:00 pm

Office Hours, Location, Phone & E-mail:
Monday & Tuesday: 3:00 – 4:00 pm
or by appointment

Office: Science # 201
Phone: 903-468-8648
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UNIVERSITY STATEMENTS

Academic Integrity

By accepting this syllabus, you pledge to uphold the principles of Academic Integrity expressed by the Texas A&M University-Commerce Community. You agree to observe these principles yourself and to defend them against abuse by others. The first instance of cheating will result in an automatic zero on the exam and/or assignment. A second instance will result in a zero in the course. Cheating constitutes copying information from another student or non-allowable material as well as plagiarism. Plagiarism is a criminal activity. You must cite all sources of information. Copying of material, whether parts of sentences, whole sentences, paragraphs, or

entire articles, will result in a score of zero for your essay and can result in further disciplinary action.

Conduct Policy

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See Student's Guide Handbook, Policies and Procedures, Conduct)

Special Needs and Accommodations

Please advise the instructor of any special problems or needs at the beginning of the semester. The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library, Room 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
StudentDisabilityServices@tamuc.edu

Access to Student Work

Copies of your work in this course including copies of any submitted papers and your portfolios may be kept on file for institutional research, assessment and accreditation purposes. All work used for these purposes will be submitted anonymously.

University Policy on Weather Closings

Snow closings are generally announced on area television and radio stations. Unless otherwise advised by radio announcement or by official bulletins on the number listed above, students are expected to report for class as near normal time as possible on days when weather conditions are adverse. Decisions as to snow closing or delayed opening are not generally made before 5:00 AM of the working day. Students are expected to attend class if the University is not officially closed.

Textbook: There is no required text book for this course

BROAD PURPOSE OF THE COURSE

This course is designed to provide basic understanding on the pathologic alterations in physiology at the cellular, tissue and organ level and how such alterations could lead to diseases across the human life span. Topics include altered cellular and tissue biology, pathophysiology of major organs and systems, pediatric pathophysiology and aging related changes.
Prerequisites: BSC 305 and BSC 303

Student Learning Outcomes: Will be outlined for each major module covered.

TEACHING METHOD

Formal lectures will be supplemented with home assignments. This is a lecture only course (no lab). I will post announcements on the home page of the course for reminders of important due dates, in addition to announcing them in the class.

There will be three exams followed by a cumulative final. Questions for quizzes and exams are derived from the same Test Pool. Therefore some questions may be repeated.

Attendance and Absences: You are expected to attend ALL scheduled lectures and take the exams as scheduled. You will be held responsible for all information covered in lecture.

Assignments and Quizzes: At home questions will be assigned beginning in the second week of the course. Quizzes will be approximately every other week and will be administered in the class (5-10 questions; 15 min). Full credit will be given to home assignments that are completed fully and are turned in the same week (before Friday 5.00 PM CST). If they are done in the subsequent week it will be treated as a quiz. Assignments must be turned in/completed before the deadline (will be announced in the class). Late submissions will result in zero credit.

Exams: Consist of multiple choice questions and short answer questions. Questions are drawn from the same test pool. Exams will be taken in class.

Makeup Policy: The student is responsible for requesting a makeup when they are unable to attend the regularly scheduled examination and must schedule the makeup within 2 days of the absence. Makeup exams will be scheduled only in the event of an EXCUSED absence (as defined in the Student's Guidebook). If the test is not made-up, the student will receive a zero for that exam.

Classroom Policies:
For successful course completion, your presence and participation is essential.
Any form of disruptive behavior will not be allowed. To create a pleasant learning environment, students MUST TURN OFF their cell phones and other potentially disruptive electronic devices. Using smart phones during class hours are strictly prohibited and are considered as a disruptive behavior. Only laptop computers are allowed to take class notes. Laptop computers should be operated with MUTE function on (i.e. sound off). Remember, laptop is only for taking notes. You give up the privilege of using your laptop computers in class if you are caught using your computer for other activities such as reading emails, chatting, watching videos, etc.

GRADING SYSTEM

Quiz	25%
Home assignments	20%
Exams (3)	30%
Final	25%

GRADING SCALE

The final course letter grade will be assigned based upon the following break-down:

90 - 100%	= A
80 - 89%	= B
70 - 79%	= C
60 - 69%	= D
00 - 59%	= F

TOPICS COVERED*

Week 1:	Aug 25 - 29	Introduction. Chapter 1: Altered cellular and tissue biology.
Week 2:	Sep 2 - 5	Chapter 2: - Genes and genetic diseases. **Quiz I (covers chapters 1 & 2)**
Week 3:	Sep 8 - 12	Chapter 3: Mechanisms of self defense.

Week 4: Sep 15 - 19	Chapter 4: Cancer and cellular proliferation. **Exam I (covers chapters 1 - 4)**
Week 5: Sep 22 - 26	Chapter 5: Neuropathology, neuropathology of mood disorders, pain and sleep.
Week 5: Sep 29 – Oct 03	Chapter 6: Alterations in hormonal regulation. **Quiz II (covers chapters 5 & 6)**
Week 6: Oct 06 - 10	Chapter 7: Alterations in reproductive physiology and system; sexually transmitted diseases.
Week 7 Oct 13 - 17	Chapter 8: Alterations in cardiovascular function. **Exam II (covers chapters 5 - 8)**
Week 8 Oct 20 - 24	Chapter 9: Altered pulmonary function.
Week 9 Oct 27 - 31	Chapter 10: Pathological changes in renal and urologic systems.
Week 10 Oct 13 - 17	Chapter 11: Alterations in digestive function. **Exam III (covers chapters 9 - 11)**
Week 11 Oct 20 - 24	Chapter 12: Pathology of musculoskeletal system.
Week 12 Oct 27 - 31	Chapter 13: Disorders of the integument.
Week 13 Nov 03 - 07	Chapter 14: Multiple organ dysfunction. **Quiz III (covers chapters 12 & 13)**
Week14 Nov 10 - 14	Chapter 15: Pediatric pathophysiology.
Week15 Nov 17 - 21	Chapter 15: Pediatric pathophysiology (contd.). **Quiz IV (covers chapters 14 & 15)**
Week 16 Nov 24 - 28	Thanksgiving break

Week 17 Dec 01 - 05	Chapter 16: Geriatric pathophysiology. **Quiz V (covers chapter 16)**
Cumulative Final:	**Thursday, Dec 11, 2014; 11:00 am - 12:00 pm**

***ALL DATES, TESTS AND ASSIGNMENTS ARE TENTATIVE AND SUBJECT TO CHANGE**