BSC 421-01W REPRODUCTIVE PHYSIOLOGY (CRN: 21918)

COURSE SYLLABUS: SPRING 2019

INSTRUCTOR INFORMATION

Instructor: Izhar Khan
Office Location: STC 215
Office Hours: MTWR, 1-2 PM (For students interested in meeting face-to-face)
Office Phone: 903-468-3271
Office Fax: 903-886-5988
University Email Address: izhar.khan@tamuc.edu
Preferred Form of Communication**:** Email
Communication Response Time: 24 hours

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook Recommended: Jones, Richard E. and Kristin H. Lopez. Human Reproductive Biology, Fourth Edition. Boston: Elsevier, 2013. ISBN-13: 978-0123821843

Course Description

This upper level course is designed for majors with a well-rounded background in biology and general physiology. This course covers the study of the development and function of the male and female reproductive systems of humans. In addition to exploring basic human reproductive physiology, the course includes current topics such as reproductive aging, hormone therapies, fertility studies and treatments, sexual behavior, and the latest issues related to pregnancy. Active participation of the students is required in all classroom activities including assignments, quizzes, and exams to be administered online within the course website in D2L Brightspace.

University Catalog Description
BSC 421 Reproductive Physiology – Three semester hours. A study of the development and function of the male and female reproductive systems of humans. Prerequisites: BSC 301 and 305.

The *syllabus/schedule are subject to change.*

Student Learning Outcomes

1. The student will demonstrate an understanding of the biological fundamentals of the adult female and male reproductive systems, sexual differentiation, development, and procreation.

2. The student will be able to apply their understanding of basic reproductive physiology by solving novel case studies on various disorders of the adult female and male reproductive systems.

3. The student will explore various special topics in human reproductive biology including, but not limited to, brain sex and sexually transmitted diseases.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

- Proficiency in using the D2L Brightspace Learning Management System in *my*LEO Online
- Microsoft Word, Excel, and PowerPoint
- Other relevant graphics programs for preparing effective PowerPoint presentations

Instructional Methods

This lecture only course is being offered as a "Web Based" course. Check the course website in *my*LEO D2L Brightspace frequently for announcements, instructions, and discussions. The course consists of a series of activities and assessments to assist you in achieving the outcomes for all instructional units in the course. In case of any difficulty in accessing or understanding any course material, contact me immediately via e-mail. In addition, I will keep my office hours open for any student with course related questions.

For successful course completion, your active and timely participation is essential. Students should go over the lecture materials, and complete all assignments, and tests on regular basis. The course website is active 24/7 during the semester (Jan 14 – May 10, 2019).

- Students are expected to read the assigned textbook chapters and lecture files, and comply with the deadlines for all the assignments, quizzes and exams
- Exam access will be available only during the pre-announced period of time
- PDF files of the lectures will be supplemented with homework assignments, quizzes, and online discussions
- PowerPoint of all lectures will be available in the Doc Sharing in eCollege
- All announcements will be posted on the course website for reminders of important due dates
- Progress in the class can be monitored using the gradebook in D2L

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The overall course grade is based on your performance on various assignments, quizzes, and exams. Some of these activities will require you to answer a set of multiple choice/short answer questions, whereas other assignments will require you to write short essays (SLO #s 1, 2, and 3).

Student Responsibilities or Tips for Success in the Course

- Dedicated study time each week to go over the materials covered in the class and the information in the relevant book chapter(s)
- Submitting assignments before deadlines
- Regularly checking both *my*LEO Online (D2L Brightspace) and emails for course related announcements

GRADING

Final grades in this course will be based on the following scale:

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

Assessments

Assignments and Quizzes = 100 points (20%)
Three Term Exams – 100 points each = 300 points (60%)
Comprehensive Final Exam = 100 points (20%)
Total = 500 points (100%).

TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the *my*LEO Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:
https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

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YouSeeU Virtual Classroom Requirements:
https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu**.**

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

https://community.brightspace.com/support/s/contactsupport

Interaction with Instructor Statement

The grading of the assignments, quizzes, and exams will be completed within 1-3 days depending on the length of the assignment or test. In most cases the grading will be completed within 24 hours and the questions. Students are encouraged to make an appointment with the instructor outside the office hours to discuss any issue related to the course individually or in groups, if necessary.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures/Policies

Assignments and Quizzes: Assignments and quizzes will be administered online multiple times during the semester. Quizzes will be approximately every third week and (10 questions; 15 min). Announcements for assignments and quizzes will be communicated via email and incorporated in the course website in D2L.

Exams: Consist of multiple choice questions (70-80%) and short answer questions (20-30%). The term exams will be taken in class and the final exam will follow the university exam schedule.

Some questions for assignments, quizzes, and exams from a given chapter may be derived from the same Test Pool and repeated.

Attendance and Absences: There will be no attendance requirement for this web based course, but the students are expected to study the PDF files of the lecture to be posted on the Content page of the course website in D2L. You will be held responsible for all information covered in these files.

Makeup Policy: The student is responsible for requesting a makeup when they are unable to complete any component of the course assessments examination and must schedule the makeup within 2 days of the missed assessment. 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 test.

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the Student Guidebook.
http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum:
https://www.britannica.com/topic/netiquette

TAMUC Attendance

For more information about the attendance policy please visit the Attendance webpage and Procedure 13.99.99.R0.01.
http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

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Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99.R0.03

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

Graduate Student Academic Dishonesty 13.99.99.R0.10

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/graduate/13.99.99.R0.10GraduateStudentAcademicDishonesty.pdf

Students with Disabilities-- ADA Statement

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 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@tamuc.edu
Website: Office of Student Disability Resources and Services
http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun.

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Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Web url:
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

COURSE OUTLINE / CALENDAR

Week 1	Jan 14th – 18th	Chapter 1 – Endocrinology, Brain and Pituitary Gland
Week 2	Jan 22nd – 25th	Chapter 2 – The Female Reproductive System
Week 3	Jan 28th – Feb 1st **Feb 1st & 2nd**	Chapter 3 – The Menstrual Cycle **Quiz 1 (Chapters 1 & 2)**
Week 4	Feb 4th – 8th	Chapter 4 – The Male Reproductive System
Week 5	**Feb 15th & 16th**	No New Lecture Files – Exam 1 Preparation **Exam 1 (Chapters 1, 2, 3 & 4)**
Week 6	Feb 18th – 22nd **Feb 22nd & 23rd**	Chapter 5 – Sexual Differentiation **Quiz 2 (Chapter 5)**
Week 7	Feb 25th – Mar 1st	Chapter 6 – Puberty
Week 8	Mar 4th – 8th	Chapter 7 – Reproductive Aging Assignment 1
Week 9	Mar 11th – 15th **Mar 14th & 15th**	Chapter 8 – The Human Sexual Response **Exam 2 (Chapters 5, 6 & 7)**
Week 10	***Mar 18th – 22nd***	***Spring Break***
Week 11	Mar 25th – 29th **Mar 29th & 30th**	Chapter 9 – Gamete Transport and Fertilization **Quiz 3 (Chapter 8)**

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Week 12	Apr 1st – 5th	Chapter 10 – Pregnancy Assignment 2
Week 13	Apr 8th – 12th **Apr 12th & 13th**	Chapter 10 – Pregnancy **Exam 3 (Chapters 8, 9 & 10)**
Week 14	Apr 15th – 19th **Apr 19th & 20th**	Chapter 11 – Labor and Birth Chapter 13 – Contraception **Quiz 4 (Chapters 11 & 13)**
Week 15	Apr 22nd – 26th	Chapter 15 – Infertility
Week 16	Apr 29th – May 3rd **May 3rd & 4th**	Chapter 17 – Sexually Transmitted Diseases **Quiz 5 (Chapter 15)**

Final Exam: Fri, May 4th – Mon, May 7th
50% Cumulative + 50% from Chapters 11, 13, 15 & 17

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