



Texas A&M University-Commerce

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Biological and Environmental Sciences

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BSC 2401- Human Anatomy & Physiology I

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****Please note that since this is an online course, e-mail should be utilized as primary form of communication.****

Class Time: This course is 100% online. You should log-in and check the course **TWICE DAILY. I recommend once in the morning and once in the evening- aside from logging on to submit and do your assignments.** Keep in mind that this is “normally” a very intense, face-to-face course. Just because this class is online, there will still be a lot of material covered. The work load will reflect this.

REQUIRED course materials:

- 1) Hole's Human Anatomy & Physiology. Shier, Butler, & Lewis, 14th edition.
- 2) ConnectPlus with LearnSmart online access card for Hole's Human Anatomy & Physiology.

There are loose leaf, hard cover and e-versions of this book. It does not matter to me which you utilize. Older versions/editions of the text are also acceptable. Just make sure you have both the book and the Connect Access Card.

University Statements:

Academic integrity: As members of Texas A&M University-Commerce academic community, we all are responsible to underpin the principles of academic integrity expressed by this community. We are expected to watch these principles to be kept and appreciated by others.

- The first instance of cheating will result in an automatic “0” on the assignment. A second occurrence will result in a “0” for the course grade.
- **Plagiarism is a serious academic criminal activity.** You must cite all sources properly. Copying material, whether in part or as a whole, will result in a “0” and can incur further University disciplinary consequences.

Accommodations: The American with Disability Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other aspects, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have disability requiring 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
Email: Rebecca.Tuerk@tamuc.edu

Website: [Office of Student Disability Resources and Services](http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/)
<http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/>

Access to student work: Copies of your work in this course, including copies of any submitted papers, may be kept on file for institutional research, assessment, and accreditation purposes. All work used for these purposes will remain anonymous.

Course Description

Human Anatomy and Physiology I is a study of both the structure and function of various organ systems of the human body. This is a fundamental course for those pursuing careers in any medical field. Particular emphasis is placed on vocabulary pertaining to course content.

Student learning outcomes:

Upon completion of this course, you should be able to;

1. Have basic knowledge of the structure and function of the human body, enabling students to make responsible decisions and conclusions relating to the anatomy of other living organisms.
2. Demonstrate basic skills and knowledge which may be used in allied health science fields or upper level courses, thus preparing a person for coursework in the general sciences, biology, medicine, dentistry, veterinary science, or health and physical education.
3. Demonstrate a respect for lab safety and develop laboratory skills.

Online Behavior: Students are expected to maintain online behavior that includes respect for other students and the instructor, regular attendance, and an attitude that seeks to take full advantage of the educational opportunity. Arguing or rudeness amongst students or with the instructor, whether through Discussion Boards, Messages, or Email, is absolutely not allowed.

Course Content: Materials provided for this course include online lectures for individual chapters, online lab exercises, occasional discussion threads, case studies and tests over online lectures and lab exercises. Other supplementary materials will be made available to you at the professor's discretion.

Exams: There will be a total of 5 exams during the course. All of which will be available through Course Connect. **You will have from midnight Wednesday each week, until Friday at 11:59 pm to complete the exam.** While there is a 48 hour window to complete the test, once you enter the exam, **you will only have 2 hours to complete it. You may only enter the exam one time during the 48 hour window.** Exams will include questions drawn from lectures, handouts, textbook and any other supplemental material that has been provided to you prior to the course. In order to be successful on the exams, read your textbook and complete all homework throughout the week to help you prepare for the test. No exam grades are dropped and no test reviews are given. Remember that each test covers multiple chapters. There will be no more than 4 chapters covered per exam. You will only be able to review questions missed after the due date. There are no make up exams unless the professor is provided, in a timely manner, with an excuse acceptable by the University Handbook (i.e. doctor's note). **The final exam (the week of December 14th) is cumulative.**

Connect Plus Online Assignments: Connect Plus online assignments constitute the "laboratory" portion of this course. You will have one of these assignments **due weekly by Wednesday at 11:59 pm.** No exceptions. These exercises will become available to you on Sunday evenings at 11:59 pm. You may enter the assignments as many times as you'd like and you may print them out to work on them. Assignments will draw questions from the chapter(s) covered in your reading from that week and are selected at random from a bank of questions that I have selected. Read all textbook reading material for that week prior to completing these assignments. These assignments are completed and submitted through Connect Plus. (See instructions in syllabus on how to register for you Connect Plus).

Chapter Summaries: You will write a summary every week over the chapter(s) covered in your reading for that week. These summaries must be in your own words and depict a thorough, clear understanding of the material covered in that chapter. These summaries will be submitted to the drop box each week **as a Microsoft Word Document.** Each individual chapter summary should not exceed 2 pages in length. Do not attempt to cover material from a portion of the chapter, rather cover **all** major topics/concepts discussed in the entire chapter. Your grade will be reflective of your thoroughness and comprehension of each chapter. These chapter summaries will help you with your exams as well. If there are multiple chapters in one week, **combine all chapter summaries into one document and submit it to the "dropbox" by Friday at 11:59 pm every week.** Any summaries received after midnight will receive a grade of "0" unless prior arrangements have been made with the professor and include an excuse acceptable by University Handbook.

Workbook Activities: There will be assignments, or "Workbook Activities" throughout the course. Instructions will be included with the assignment. These activities will be **due by Friday at 11:59 pm** the weeks they are assigned. Your answer sheets to them should be submitted via "Dropbox" in Microsoft word document form.

Connect Plus Online Lab Registration:

Go to our course website at this link:

<http://connect.mheducation.com/class/m-jacobsen-fall-2015--tamuc--human-ap-i>

- 1) Open your Web browser and use the Web address above to access the Connect web site. You will see the course page appear. The course name, section and instructor name is displayed in the lower middle box.
- 2) Click on the “**Register Now**” button to the right of the “**Sign In**” area to access the “**Student Registration**” page.
- 3) Enter your email address and click “**Submit.**” Connect will then check to see if you already have an account set up with McGraw-Hill. If you have, you will be prompted to login using the email address you entered. If you cannot remember your password click the “**Forgot your password?**” link to have Connect send you an email containing your password to that email address.
- 4) Next, enter your registration code for the course (should come with your textbook if you bought it new.) You can also buy one online during Registration. If you need more time to pay for the Connect access, there is also free two week trial access. Register for this at the Registration screen under “Try before buying.”
- 5) Fill out all the required information on the “**Create an Account**” page. You will also need to accept the McGraw-Hill service agreement by checking the “**I accept**” checkbox.
- 6) Click the “**Complete My Registration**” button when you have completed the account information. A confirmation page appears letting you know you have been registered and that an email message has been sent to you containing your username and password.
- 7) Click “**Go to Connect now**” to automatically be signed in and access your course assignments.

Grading Structure:

Evaluation of the course grade will be comprised of both a lecture grade portion (80%) and a laboratory grade portion (20%). The entire grade is comprised of the following:

Exams (4 @ 10% each)	40%
Final Exam	15%
Course Connect Lab Assignments (x12 @ 1.75% each)	21%
Workbook Activities (x6 @ 2% each)	12%
Chapter Summaries (x12 @ 1% each)	<u>12%</u>
	100%

Tentative Course Schedule:

Week 1- Chapter 1: Introduction to Human Anatomy & Physiology

Week 2- Chapter 2: Chemical Basis of Life

Week 3- Chapter 3: Cells

Week 4- **Exam 1: Chapters 1, 2 & 3**

Week 5- Chapter 4: Cellular Metabolism

Week 6- Chapter 5: Tissues

Week 7- Chapter 6: Integumentary System

Week 8- **Exam 2: Chapters 4, 5 & 6**

Week 9- Chapter 7: Skeletal System

Week 10- Chapter 8: Joints of the Skeletal System

Week 11- Chapter 9: Muscular System

Week 12- **Exam 3: Chapters 7, 8, & 9**

Week 13- Chapter 10: Nervous System I: Basic Structure & Function

Week 14- Chapter 11: Nervous System II: Divisions of the Nervous System

Week 15- Chapter 12: Nervous System III: Senses & **Exam 4: Chapters 10, 11 & 12**

Week 16- **Final Exam**

This schedule is subject to change.