BIO 123.001 Human Biology  Spring 2020  
M-F Center High School Dual Credit  
January 22 – May 17, 2019  

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Or by appointment  

* All contact via e-mail should be professional in manner with proper punctuation and grammar. E-mails sent in an unacceptable format will not be answered.  

Text and Materials:  
Human Biology Concepts and Current Issues, 7th Edition by Johnson  
Mastering Biology and Learning Catalytics  
Current Issues Blog //humanbiologyblog.blogspot.com/2018/  

Course Calendar (Tentative Schedule):  

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Course Requirements:  
- Chapter Critical Readings/handouts/note taking  
- Participation grades  
- Mastering Biology (online) homework activities and reviews  
- Major Exam 1  
- Major Exam 2  
- Major Exam 3  
- Major Exam 4  
- Lab Participation
Grading Policy:
The grading for this course will be a result of your efforts in both lecture and laboratory. Your grades from lecture and lab will be computed into a single grade; the same grade is reported for both lecture and lab. The lab portion counts 1/3 (33%) while the lecture portion counts 2/3 (67%) of your final grade.

- Major Assignments/Assessments/Tests/Lab Practical’s = 40%
- Daily Assignments/Homework/Daily Quizzes/Lab Quizzes = 60%

**You will receive a grade through both Center High School and Stephen F. Austin State University.
- Grade Cutoffs (SFASU Grading Scale) 90%+ = A, 80-89% = B, 70-79% = C, 65-69% = D, Below 65% = F
- There are NO extra credit assignments in this class.

Course Evaluation:
All students are required to complete a course evaluation at the end of the semester. Failure to complete this evaluation will result in a 1% deduction in your final grade for the course.

Participation grades:
In order to get credit for daily participation points you must watch all assigned videos before coming to class and answer each posted question in class. Failure to answer a question will result in receiving no participation credit for the day.

Pre-Lecture Videos:
Periodically throughout the semester pre-lecture videos will be posted Google Classroom. You will be responsible for the material covered in these videos. Watching the video will count towards the participation grade for the following class.

Mastering Biology Assignments:
Mastering Biology (www.masteringbiology.com) assignments will be posted and available at the beginning of the week material is introduced. These will count toward your final grade.

Exam Policy:
The major exams will be held during the regular class period. A review will be held the week of the exam.

ATTENDANCE POLICY: Students are required to be present when the bell rings. Attendance will be taken every day. More than three tardies constitutes an absence for the class. Center High School’s bell schedule will be the determiner for this. To receive credit or a final grade in a class, a student must attend at least 90 percent of the days the class is offered. A student who attends at least 75 percent but fewer than 90 percent of the days the class is offered may receive credit or a final grade for the class if he or she completes a plan, approved by the instructor, which allows the student to fulfill the instructional requirements for the class.

POLICIES ON MISSED EXAMS, MAKE-UP EXAMS OR QUIZZES and LATE WORK:

a. Late work – will be due one day following the original due date of the assignment with a 25% reduction on the grade. Late work will not be accepted beyond the one day requirement. A student will receive a zero for any work not turned in during the required time.
b. Make-up work (For Excused Absences) – Make-up work for excused absences shall be made available to all students. Students are responsible for asking for make-up work upon return to class. The number of days allowed for completion of make-up work shall be equal to the number of days missed. In the event of an extended absence, other arrangements approved by the instructor will be made.
c. Any assignments not turned in during the allotted time will follow late work guidelines. Students will not be required to take an exam or turn in an assignment on the day of returning to school if the test or assignment was assigned during the student’s absence. Make-up work may be a revised version of the original assignment.
d. Make-up work (For Unexcused absence) – A student with an unexcused absence may make up all work missed, but will receive a 25% reduction in any grade(s). Students shall receive a zero for any
assignment or test not made up within the allotted time. The number of days allowed for completion of make-up work shall be equal to the number of days missed.
e. Make up labs: same policies apply; however, if the lab involves perishable or live materials, there will BE NO MAKE UP LAB. Make every effort to attend!!

TECHNOLOGY POLICIES: (per Center High School Handbook)
a. For safety purposes, the district permits students to possess personal mobile telephones; however, these devices must remain turned off during the instructional day, including during all testing, unless they are being used for approved instructional purposes. A student must have approval to possess other telecommunications devices such as netbooks, laptops, tablets, or other portable computers.

b. To prepare students for an increasingly technological society, the district has made an investment in the use of district-owned technology resources for instructional purposes; specific resources may be issued individually to students. Use of these technological resources, which include the district’s network systems and use of district equipment, is restricted to approved purposes only. Unacceptable and Inappropriate Use of Technology Resources: Students are prohibited from possessing, sending, forwarding, posting, accessing, or displaying electronic messages that are abusive, obscene, sexually oriented, threatening, harassing, damaging to another’s reputation, or illegal. This prohibition also applies to conduct off school property, whether the equipment used to send such messages is district-owned or personally owned, if it results in a substantial disruption to the educational environment. Any person taking, disseminating, transferring, possessing, or sharing obscene, sexually oriented, lewd, or otherwise illegal images or other content, commonly referred to as “sexting,” will be disciplined according to the Center High School Student Code of Conduct, may be required to complete an educational program related to the dangers of this type of behavior, and, in certain circumstances, may be reported to law enforcement. In addition, any student who engages in conduct that results in a breach of the district’s computer security will be disciplined in accordance with the Center High School Student Code of Conduct, and, in some cases, the consequence may rise to the level of expulsion.

Acceptable Student Behavior: Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program (see the Student Conduct Code, policy D-34.1). Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This prohibition applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom.

Academic Integrity:
Academic Integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations on an assigned exercise; and/or (3) helping or attempting to help another in the act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one’s own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one’s paper without giving the author due credit. Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp
ANY act of academic dishonesty will result in receiving a grade of F for the course and will be reported to the student’s dean.

Withheld Grades Semester Grades Policy: 
Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum projected grade of C.

Students with disabilities: 
To obtain disability related accommodations and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, Room 325, 468-3004/468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided.

Student Counseling Center: 
Rusk Building 3rd Floor (936) 468-2401 Email: counseling@sfasu.edu
The Student Counseling Center is available free of charge to students and is staffed with professional therapists to meet a variety of needs. All interactions with the Student Counseling Center are guaranteed confidential. Licensed Counselors are available from 8:00a.m.-5:00p.m. Monday-Friday. The department is closed on certain holidays, Spring Break and Winter Break when the university is closed. If you are in need of assistance after hours or on the weekend please call: University Police: 468-2608 or MHMR Crisis Line: (800)392-8343. If the situation is life threatening please dial 911.

Course Description: Four semester hours, three hours lecture, two hours lab per week. Biological principles for non-science majors. Study of the evolution of man, organ systems, and the human organism. May not be used to meet graduation requirements of students majoring in the College of Sciences and Mathematics or for certification of high school teachers in biology.
Pre-requisites: TSI compliance in English & Reading
Co-requisite: BIO 123L

Texas Essential Knowledge and Skills §130.417. Scientific Research and Design
Center High School

(1) 
  o (B) show the ability to cooperate, contribute, and collaborate as a member of a group in an effort to achieve a positive collective outcome;
  o (C) present written and oral communication in a clear, concise, and effective manner;
  o (D) demonstrate time-management skills in prioritizing tasks, following schedules, and performing goal-relevant activities in a way that produces efficient results; and
  o (E) demonstrate punctuality, dependability, reliability, and responsibility in performing assigned tasks as directed.

(2) The student, for at least 40% of instructional time, conducts laboratory and field investigations using safe, environmentally appropriate, and ethical practices. The student is expected to:
  o (A) demonstrate safe practices during laboratory and field investigations; and
  o (B) demonstrate an understanding of the use and conservation of resources and the proper disposal or recycling of materials.

(3) The student uses scientific methods and equipment during laboratory and field investigations.
o (A) know the definition of science and understand that it has limitations,
o (B) know that scientific hypotheses are tentative and testable statements that must be capable of being supported or not supported by observational evidence. Hypotheses of durable explanatory power which have been tested over a wide variety of conditions are incorporated into theories;
o (C) know that scientific theories are based on natural and physical phenomena and are capable of being tested by multiple independent researchers. Unlike hypotheses, scientific theories are well-established and highly reliable explanations, but may be subject to change as new areas of science and new technologies are developed;
o (E) plan and implement descriptive, comparative, and experimental investigative procedures, including making observations, asking well-defined questions, formulating testable hypotheses, identifying variables, selecting appropriate equipment and technology, and evaluating numerical answers for reasonableness;
o (F) collect and organize qualitative and quantitative data and make measurements with accuracy and precision
o (G) analyze, evaluate, make inferences, and predict trends from data;
o (H) identify and quantify causes and effects of uncertainties in measured data;
o (I) organize and evaluate data and make inferences from data, including the use of tables, charts, and graphs; and
o (J) communicate valid conclusions supported by the data through methods such as lab reports, labeled drawings, graphic organizers, journals, summaries, oral reports, and technology-based reports.

Program Learning Outcomes: There are no specific program learning outcomes for this major addressed in this course. It is a general education core curriculum course and/or a service course.

General Education Core Curriculum Objectives / Outcomes:
Core Objective 1. Critical Thinking: to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information. (SLO’s 1 – 6)
Core Objective 2. Communication Skills: to include effective development, interpretation and expression of ideas through written, oral and visual communication. (SLO – 5)
Core Objective 3. Empirical and Quantitative Skills: to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions. (SLO – 3)
Core Objective 4. Teamwork: to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal. (SLO - 6)

Student Learning Outcomes:
SLO – 1: Demonstrate an understanding of the scientific process by designing experiments that address a testable hypothesis (CO #1)
SLO – 2: An understanding of the basic human organ systems, including their anatomy and physiology, their control, and their function in the whole organism context (CO #1)
SLO – 3: Use quantitative reasoning to interpret and draw conclusions from data collected during laboratory exercises and supplemental readings in lecture (CO #1 & #3)
SLO – 4: An understanding of how humans interact with and impact the ecosystem (CO #1)
SLO – 5: Be able to present collected scientific data in a meaningful and clear fashion, in both written and oral form (CO #1 & #2)
SLO – 6: Demonstrate the skills necessary to function as a contributing team member in order to collect and present scientific data (CO #1, #2, & #4)