Human Physiology
BIO327
Syllabus
Section 001, T/R 8:00-9:15 am in McKibben 451

Course Description
Functions of the major systems of the body. Not open to students who have received credit for BIO 238.

Prerequisites:
BIO 130
BIO 133

Credit(s): 3

Textbook
Stuart Ira Fox
No supplemental materials required

Instructor
Dr. Lindsay M. Porter
lindsay.porter@sfasu.edu
936.468.2232
Miller Science Building
Room 200
Office Hours:
Monday & Tuesday
9:30 am-12 pm
Or any other time by appointment

Student Learning Outcomes
- Differentiate between the various types of cells in the human body
- Identify/define the organ systems of the body
- Describe the roles of the organ systems of the body and how they are interconnected
- Demonstrate an understanding of how each system supports the overall functioning of the body
- Demonstrate scientific thinking and proficiency in written communication through a research paper on a human physiology topic

Welcome to BIO 327!

I hope that you are excited for the new semester and eager to learn all about human physiology. I am looking forward to guiding you through the material and helping you to master the concepts of the course. Feel free to stop by my office at any time, even outside of office hours. If I am in my office, I am happy to see you and answer any of your questions!
## Course activities
- Exams-4 including the final exam; all comprehensive in nature
- Activities-periodically; includes homework assignments
- Research Paper

## Assessment Weighting
- Exam 1 10%
- Exam 2 15%
- Exam 3 15%
- Final Exam 35%
- Activities 15%
- Research Paper 10%

## Grading Policy
Final grades are calculated as a final percentage according to the information outlined in ‘Assessment Weighting.’

### Grading Scale
- A = 90-100%
- B = 80-89.9%
- C = 70-79.9%
- D = 60-69.9%
- F = 0-59.9%

## Attendance Policy
Students are expected to attend all classes and other course-related activities on a regular and punctual basis.

## Preparation for Class
Students are expected to acquire information from resources, as specified by the instructor, prior to each class such that during class, more time can be spent helping students to understand, critically think about, and apply the information/concepts of the course.

## Course Evaluations
In accordance with the College of Sciences and Mathematics, and adopted by the Department of Biology the completion of an end-of-semester online student evaluation is required by all students enrolled in this course. Instructions and location of the course evaluations can be found on MySFA.

## Classroom Incivility
All students are expected to conduct themselves in the classroom in a way that is not distracting to the instructor or to other students. I reserve the right to ask any student creating a distraction to leave the room.
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.

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 an 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.

Late assignments/papers: For assessments that count toward your course grade, the following late penalties will apply (hours/minutes as HH/MM):
- 00:01-23:59 past due = 11% deduction
- 24:00-47:59 past due = 21% deduction
- 48:00-71:59 past due = 31% deduction
Assessments three or more days (≥72 hours) late will not be accepted.

Withheld Grades
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 becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

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 an 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

Students with Disabilities
To obtain disability related accommodations alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and 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. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices/.
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<th>Dates</th>
<th>Topic</th>
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<td>1</td>
<td>Aug 27, Aug 29</td>
<td>Introduction to the course</td>
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<tr>
<td>2</td>
<td>Sept 3, Sept 5</td>
<td>Review of basic cell biology</td>
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<td>3</td>
<td>Sept 10, Sept 12</td>
<td>Nervous system, CNS</td>
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<td>4</td>
<td>Sept 17, Sept 19</td>
<td>Exam*, Autonomic nervous system</td>
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<td>5</td>
<td>Sept 24, Sept 26</td>
<td>Sensory physiology, Endocrine glands</td>
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<td>6</td>
<td>Oct 1, Oct 3</td>
<td>Muscle</td>
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<td>7</td>
<td>Oct 8, Oct 10</td>
<td>Blood, heart, circulation</td>
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<td>8</td>
<td>Oct 15, Oct 17</td>
<td>Exam*, Cardiac output, blood flow/pressure</td>
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<td>Oct 22, Oct 24</td>
<td>Immune system</td>
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<td>10</td>
<td>Oct 29, Oct 31</td>
<td>Respiratory physiology</td>
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<td>Nov 5, Nov 7</td>
<td>Kidneys</td>
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<td>12</td>
<td>Nov 12, Nov 15</td>
<td>Exam*, Digestive system</td>
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<td>Nov 19, Nov 21</td>
<td>Regulation of metabolism</td>
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<td>Nov 26, Nov 28</td>
<td>Thanksgiving Break</td>
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<td>Dec 3, Dec 5</td>
<td>Reproduction</td>
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<td>16</td>
<td>Dec 12**</td>
<td>Final Exam</td>
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*The actual date of exams will be according to the pace of student learning, coverage of material, or any other circumstances at the discretion of the instructor.

**The actual date of the final exam is the date listed in the University’s official Final Exam Schedule, found at the following link:  [http://www.sfasu.edu/registrar/194.asp](http://www.sfasu.edu/registrar/194.asp)