Human Physiology
BIO327, section 001
Syllabus
MWF 9:00 a – 9:50 a
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

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

Instructor
Dr. Lindsay M. Porter
lindsay.porter@sfasu.edu
936.468.2232
Miller Science Building
Room 200
Office Hours:
Wed: 4:00 p - 5:30 p
Fri: 10:00 a – 10:45 a
Fri: 1:30 p – 2:45 p
Fri: 4:00 p – 5:00 p
Or by appointment

Course Materials

Recommended * World of the cell
Stuart Ira Fox

REQUIRED
Composition Notebook
### Course activities

- Exams: 4 including the final exam; all comprehensive in nature
- Activities
- Research Paper

<table>
<thead>
<tr>
<th>Assessment Weighting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1: 10%</td>
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<tr>
<td>Exam 2: 15%</td>
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<tr>
<td>Exam 3: 15%</td>
</tr>
<tr>
<td>Final Exam: 40%</td>
</tr>
<tr>
<td>Activities: 10%</td>
</tr>
<tr>
<td>Research Paper: 10%</td>
</tr>
</tbody>
</table>

### Grading Policy

Final grades are calculated as a final percentage according to the information outlined in 'Assessment Weighting.'

#### Grading Scale

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100%</td>
</tr>
<tr>
<td>B</td>
<td>80-89.9%</td>
</tr>
<tr>
<td>C</td>
<td>70-79.9%</td>
</tr>
<tr>
<td>D</td>
<td>60-69.9%</td>
</tr>
<tr>
<td>F</td>
<td>0-59.9%</td>
</tr>
</tbody>
</table>

**Final grades are final and are not ‘rounded up.’ Extra credit opportunities are not guaranteed but may be offered. However, no extra credit opportunities will be given to individual students or to any/all students after the final exam.**

*If a student meets the qualifications, final letter grades may be adjusted to match letter grades earned on the comprehensive final exam.*

### Attendance Policy

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

### 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.

### 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.
Other Important Notes

**Exam conduct:** Unless otherwise stated on exam day by the instructor, exams are ‘closed-book’ and **no resources are allowed.** Students looking at their phones, Apple watches, papers not handed out to all students as part of the exam, other students’ papers, or anything else that is not an authorized source for the exam will be assumed to be cheating, the student’s exam will be collected, no credit for any portion of the exam will be given, and the incident will be reported.

**Makeup exams:** Makeup exams are allowed, however will be of a different format, may vary slightly in specific content tested, and will be of an entirely written-response nature. Makeup exams MUST be completed within one week of the date of the missed exam. It is the student’s responsibility to notify the instructor that they intend to take a makeup exam, to schedule the makeup exam, and to appear for the scheduled makeup exam. A student who fails to appear to a scheduled makeup forfeits their opportunity to makeup that exam.

**Late assignments/papers:** For assessments that count toward your course grade, the following late penalties will apply (hours/minutes as HH/MM):

<table>
<thead>
<tr>
<th>Hours/Minutes Past Due</th>
<th>Deduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>00:01-23:59</td>
<td>11%</td>
</tr>
<tr>
<td>24:00-47:59</td>
<td>21%</td>
</tr>
<tr>
<td>48:00-71:59</td>
<td>31%</td>
</tr>
</tbody>
</table>

Assessments three or more days (≥72 hours) late will not be accepted.

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**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.

**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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**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
***TENTATIVE/PROPOSED*** Course Schedule

The order and timing of the below topics is **subject to change** according to the pace of student learning, unplanned course interruptions, or other circumstances at the discretion of the instructor.

It is possible, due to unforeseen circumstances, that material listed below is not covered, or that material not listed below is covered.

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan 15th, Jan 17th</td>
<td>Introduction to the course, Organ systems</td>
</tr>
<tr>
<td>2</td>
<td>Jan 22nd, Jan 24th</td>
<td>Intro to CNS, Action potentials</td>
</tr>
<tr>
<td>3</td>
<td>Jan 27th, Jan 29th, Jan 31st</td>
<td>Autonomic and somatic motor control</td>
</tr>
<tr>
<td>4</td>
<td>Feb 3rd, Feb 5th, Feb 7th</td>
<td>Sensory physiology, Exam I</td>
</tr>
<tr>
<td>5</td>
<td>Feb 10th, Feb 12th, Feb 14th</td>
<td>Endocrine glands</td>
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<td>6</td>
<td>Feb 17th, Feb 19th, Feb 21st</td>
<td>Muscle</td>
</tr>
<tr>
<td>7</td>
<td>Feb 24th, Feb 26th</td>
<td>Heart, Blood, Circulation</td>
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<tr>
<td>8</td>
<td>Mar 2nd, Mar 4th, Mar 6th</td>
<td>Respiratory physiology, Exam II</td>
</tr>
<tr>
<td>9</td>
<td>Mar 9th, Mar 11th, Mar 13th</td>
<td>Spring Break</td>
</tr>
<tr>
<td>10</td>
<td>Mar 16th, Mar 18th, Mar 20th</td>
<td>Immune system</td>
</tr>
<tr>
<td>11</td>
<td>Mar 23rd, Mar 25th, Mar 27th</td>
<td>Digestion part I</td>
</tr>
<tr>
<td>12</td>
<td>Mar 30th, Apr 1st, Apr 3rd</td>
<td>Digestion part II</td>
</tr>
<tr>
<td>13</td>
<td>Apr 6th, Apr 8th</td>
<td>Metabolism, Exam III</td>
</tr>
<tr>
<td>14</td>
<td>Apr 13th, Apr 15th, Apr 17th</td>
<td>Kidneys</td>
</tr>
<tr>
<td>15</td>
<td>Apr 20th, Apr 22th, Apr 24th</td>
<td>Reproduction</td>
</tr>
<tr>
<td>16</td>
<td>Apr 27th, Apr 29th, May 1st</td>
<td>Presentations</td>
</tr>
<tr>
<td>17</td>
<td>May 6th</td>
<td>Final Exam: 8:00-10:30 AM **</td>
</tr>
</tbody>
</table>

*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)