Anatomy and Physiology II
Biology 2402.01

Dr. Mohammed Farooqui

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Syllabus
Biology 2402.01

- Instructor: Dr. Mohammed Farooqui
- Office: MAGC 2.316 D
- Phone: 665-2404 / 3543
- Office Hours: One hour following the class every day
- Meeting Time: 09:40 – 11:10 AM every weekday
- Meeting Location: Lecture SCIE 2.108
- email: mohammed.farooqui@utrgv.edu
- Textbook: Marieb and Hoehn, 2016, Human Anatomy and Physiology, 10th Ed. Pearson
Course Description and Prerequisites

- Welcome to a sophomore level course in human anatomy and physiology.
- Prerequisites – none listed in catalog
- Includes endocrine, circulatory, respiratory, digestive, urinary and reproductive systems.
- Other topics include metabolism, acid base balance and development and heredity
Student Learning Outcomes

- The student knows the role of the cell in life and living systems, and understands the inter-relationships between sub-cellular structures that contribute to its functioning as a unit.

- The student is aware of the diversity of life, and understands inter-relationships among organs and organ systems within an organism, and inter-relationships between an organism and its environment.

- The student understands how the organization of a specific structure within an organism is related to a specific function, and how this function contributes to survival of the organism.

- The student is prepared to accept employment in a variety of environmental and health related professions, enter medical and dental schools, pursue graduate degrees in the biological sciences, or teach in public or private schools.

- The student understands the Scientific Methods, is able to analyze and interpret data, and communicate research findings in both oral and written form.
Grading and Evaluation Policies

- There will be 3 regular exams each accounting for 20% of your lecture grade (60% total) and covering the chapters indicated in the syllabus.

- There will be one semi-comprehensive multiple choice final exam accounting for 40% of your final lecture grade.

- The final exam will comprise of approximately 75% material covered after the 3rd exam and approximately 25% from the material covered before the 3rd exam.
Grades and Evaluation Policies

• Students must purchase *Scan-Tron Form 882* answer sheets from the book store. Instructor will *NOT* supply these. A #2 *pencil* must be used to mark answer sheet. Please use a *HEAVY HAND* when marking answers.

• Students may as an option take a *completely essay type* exam instead of objective type. Students desiring to take the essay type exam should notify the instructor at least one day before the exam.

• Volume of material to learn will require study every day. *Do not attempt to cram the night before.* Stay by it day by day. Read chapters covered and take good notes. *Attendance is extremely important* as test items come mostly from lecture material.
Grades and Evaluation Policies

- Lecture grade accounts for $\frac{2}{3}$ of the final course grade and the laboratory grade accounts for the remaining $\frac{1}{3}$.
- Your final grade will be determined by matching your final average with the following scale: 90 and above is A, 80-89 = B, 70-79 = C, 60-69 = D and below 60 is F.
Learning Objectives for Core Curriculum, Learning Tools, other requirements

- This course is part 2 of the 2 part Anatomy and Physiology course and fulfils the group Biology Core Curriculum.

- One of the best tools of learning process is effective in-class and out-of-the-class interaction between the student and the instructor.

- This is your course. My major interest is to make this course useful to you. I welcome questions, suggestions and discussions.

- Ask questions and clarify concepts before it is too late

- Do not miss classes and do attend review sessions.

- No electronics are allowed: Laptops, pagers, cellular phones, cameras, tape recorders and ipods are not allowed unless specifically requested for a valid reason.
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>June 05</td>
<td>Summer I classes begin</td>
</tr>
<tr>
<td>June 06</td>
<td>Last day to add a class or register for Summer I classes</td>
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<tr>
<td>June 06</td>
<td>Last day to withdraw (drop all classes) for a 80% refund</td>
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<tr>
<td>June 08</td>
<td>Census day (last day to drop without it appearing on the transcript)</td>
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<tr>
<td>June 30</td>
<td>Last day to drop (DR grade) or withdraw (grade of W)</td>
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<tr>
<td>July 04</td>
<td>Independence Day (no classes)</td>
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<tr>
<td>July 10</td>
<td>Study day (no classes)</td>
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<tr>
<td>July 11</td>
<td>Final Exams</td>
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</tbody>
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# Calendar of Activities

## Tentative Class Schedule Summer I, 2017

<table>
<thead>
<tr>
<th>Date</th>
<th>Chapter</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 05 - 06</td>
<td>16</td>
<td>Introduction, Syllabus, The Endocrine System</td>
</tr>
<tr>
<td>June 07 - 08</td>
<td>17</td>
<td>The Cardiovascular System : The Blood</td>
</tr>
<tr>
<td>June 09 - 12</td>
<td>18</td>
<td>The Cardiovascular System : The Heart</td>
</tr>
<tr>
<td><strong>June 13</strong></td>
<td>-</td>
<td><strong>Exam I</strong></td>
</tr>
<tr>
<td>June 14 - 15</td>
<td>19</td>
<td>The Cardiovascular System : The Blood Vessels</td>
</tr>
<tr>
<td>June 16 - 19</td>
<td>20</td>
<td>The Lymphatic System and Lymphoid Organs and Tissues</td>
</tr>
<tr>
<td>June 20 - 21</td>
<td>21</td>
<td>The Immune System – Innate and Adaptive Body Defenses</td>
</tr>
<tr>
<td><strong>June 22</strong></td>
<td>-</td>
<td><strong>Exam II</strong></td>
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# Calendar of Activities

## Tentative Schedule Summer I, 2017

<table>
<thead>
<tr>
<th>Date</th>
<th>Week</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>June 23 – 26</td>
<td>22</td>
<td>The Respiratory System</td>
</tr>
<tr>
<td>June 27 – 28</td>
<td>23</td>
<td>The Digestive System</td>
</tr>
<tr>
<td>June 29</td>
<td>24</td>
<td>Nutrition, Metabolism and Energy Balance</td>
</tr>
<tr>
<td><strong>June 30</strong></td>
<td>-</td>
<td><strong>Exam III</strong></td>
</tr>
<tr>
<td>July 02 – 05</td>
<td>25</td>
<td>The Urinary System</td>
</tr>
<tr>
<td>July 06</td>
<td>27</td>
<td>The Reproductive System</td>
</tr>
<tr>
<td>July 07</td>
<td>28</td>
<td>Pregnancy and Human Development / Review</td>
</tr>
<tr>
<td><strong>July 10</strong></td>
<td></td>
<td><strong>Study Day – No Class</strong></td>
</tr>
<tr>
<td><strong>July 11</strong></td>
<td>-</td>
<td><strong>Semi-comprehensive Final Exam 09 : 55 – 11:40 AM</strong></td>
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Other Course Information
Make up work

- You must make arrangements, in advance, for any exam for which you know you will not be present.

- If, in my judgment, the reason for such absence is genuine, I may allow you to take an essay type exam PRIOR TO scheduled exam. However, I must point out to you that equivalent exams are difficult to make.

- An exam missed for unexpected cause may be made up, at my discretion, provided
  - the reason is sound and
  - you notify me or the office staff (665-2404) at least the morning of the exam (limit ONE exam).
Other Course Information

Dropping the Course

- If you find yourself doing very poorly after the first exam you may choose to drop the course, get additional help to improve and/or pursue other interests.

- Last day to drop or withdraw from the University with a grade of “DR” or “W” recorded is **June 30, 2017.** After this date student remains enrolled in course and receives whatever letter grade he/she earns. Please browse [utrgv.edu/registration](http://utrgv.edu/registration) for more detail.

- Dropping the course is not automatic, it requires your initiation using proper forms.
If you have a documented disability (physical, psychological, learning, or other disability which affects your academic performance) and would like to receive academic accommodations, please inform your instructor and contact Student Accessibility Services to schedule an appointment to initiate services.

It is recommended that you schedule an appointment with Student Accessibility Services before classes start. However, accommodations can be provided at any time.

**Brownsville Campus:** Student Accessibility Services is located in Cortez Hall Room 129 and can be contacted by phone at (956) 882-7374 (Voice) or via email at accessibility@utrgv.edu

**Edinburg Campus:** Student Accessibility Services is located in 108 University Center and can be contacted by phone at (956) 665-7005 (Voice), (956) 665-3840 (Fax), or via email at accessibility@utrgv.edu
Students are required to complete an ONLINE evaluation of this course, accessed through your UTRGV account (http://my.utrgv.edu); you will be contacted through email with further instructions.

Online evaluations will be available July 2nd – 11th, 2017. Students who complete their evaluations will have priority access to their grades.

**Attendance:**

- Students are expected to attend all scheduled classes and may be dropped from the course for excessive absences.
- UTRGV’s attendance policy excuses students from attending class if they are participating in officially sponsored university activities, such as athletics; for observance of religious holy days; or for military service.
- Students should contact the instructor in advance of the excused absence and arrange to make up missed work or examinations.
As members of a community dedicated to Honesty, Integrity and Respect, students are reminded that those who engage in scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and expulsion from the University.

Scholastic dishonesty includes but is not limited to: cheating, plagiarism, and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts.

Since scholastic dishonesty harms the individual, all students and the integrity of the University, policies on scholastic dishonesty will be strictly enforced (Board of Regents Rules and Regulations and UTRGV Academic Integrity Guidelines).

All scholastic dishonesty incidents will be reported to the Dean of Students.
In accordance with UT System regulations, your instructor is a “responsible employee” for reporting purposes under Title IX regulations and so must report any instance, occurring during a student’s time in college, of sexual assault, stalking, dating violence, domestic violence, or sexual harassment about which she/he becomes aware during this course through writing, discussion, or personal disclosure.

More information can be found at www.utrgv.edu/equity, including confidential resources available on campus.

The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect in an environment free from sexual misconduct and discrimination.
According to UTRGV policy, students may drop any class without penalty earning a grade of DR until the official drop date.

Following that date, students must be assigned a letter grade and can no longer drop the class.

Students considering dropping the class should be aware of the “3-peat rule” and the “6-drop” rule so they can recognize how dropped classes may affect their academic success.

The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career.

Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit.

The 3-peat rule refers to additional fees charged to students who take the same class for the third time.