Course Description:

Number and Title:

BIOL1152 (CRN 24418, 24386 and 25510)
Human Anatomy and Physiology II

Credit Hours:

3.0 semester credit hours

Catalog Description:

A continuation of BIOL1151, which typically includes study of control systems of the body, maintenance systems and continuity.

Course prerequisite and co-requisite:

- Prerequisites: Successful Completion of BIOL 1151 (Grade of C or better) and 1151L (Grade of D or better)
- Co-requisite: BIOL 1152L
Note: Due to the co-requisite nature of BIOL 1152 and BIOL 1152L, if you withdraw from one of these two courses, you must withdraw from the other also.

Material learned in the laboratory supports learning in the lecture course. Students who have credit for BIOL1152L from a prior term are accountable for the information previously learned in the laboratory. Videos and online resources are available for review. See the BIOL1152L syllabus for more information.

Notebook Computer Requirement:

Each CSU student is required to have ready access throughout the semester to a notebook computer that meets faculty-approved hardware and software requirements for the student's academic program. Students will sign a statement attesting to such access. For further information on CSU's Official Notebook Computer Policy, please go to http://www.clayton.edu/hub/itpchoice/notebookcomputerpolicy.

Computer Skill Prerequisites:

Students enrolled in this course must possess and have proficiency with the following computer skills and be able to:

- Able to use the Windows™ operating system
- Able to use Microsoft Word™ word processing
- Able to send and receive e-mail using Outlook™ or Outlook Express™
- Able to attach and retrieve attached files via email
- Able to use Desire2Learn
- Able to use a Web browser
- Able to use Mastering A&P

In-class Use of Student Notebook Computers:

Student notebook computers will NOT be used in the classroom in this course. Computers will be required to access course materials and to communicate with your instructor. Any uses of notebook computers in the classroom such as checking email, surfing the internet, social networking such as FACEBOOK, TWITTER, MYSPACE and instant messaging will result in loss of points. These same limitations apply to the use of other electronic devices in class (including, but not limited to cell phones, personal digital assistants, etc.).

Course Learning Outcomes:

Following the completion of this course, each student should have:
an understanding of critical concepts, processes, and factual information in the areas of anatomy and physiology.

- a knowledge of resources for finding the solution to problems that relate to basic science.

- the ability to utilize knowledge of anatomy and physiology in critical study and for making intelligent decisions in professional life.

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**Student Learning Outcomes:**

**Biology Outcomes**

- Students will display knowledge of the basic principles of major fields of biology. This class will provide the student with a knowledge base in anatomy & physiology.

- Students will be able to communicate orally and in writing in a clear, concise manner. Writing skills will be displayed on class assignments and exams.

- Students will demonstrate the ability to collect, evaluate and interpret scientific data, and employ critical thinking to solve problems in biological science and supporting fields. Students will demonstrate this in their ability to answer questions on class assignments and exams.

- Students will develop an appreciation for the impact of biological science on the environment and society. This will be developed as part of class assignments.

**Nursing Outcomes**

- Students will utilize effective communication skills to promote therapeutic nurse-client interactions and good collegial relations. Communication skills will be demonstrated on class assignments and exams.

- Students will engage in critical thinking by using creative problem solving and making appropriate inferences, based on evidence derived from clinical practice. Students will use information from lecture and class readings to answer questions on assignments and exams.

- Students will demonstrate competence in utilizing information technology resources to advance professional practice. Students will use computer databases to find information relevant to course assignments and exams.

- Students will utilize nursing therapeutics based on a synthesis of critical thinking strategies and a theoretical knowledge base in nursing to provide competent professional care and maximize healthy outcomes. This course will provide the knowledge base in anatomy & physiology.

**Dental Hygiene Outcomes**
• Students will provide advanced professional and educational services using appropriate interpersonal, written, communication and critical thinking skills required for successful performance and progress in the profession. Communication skills will be demonstrated on class assignments and exams.

• Students will acquire knowledge in a technologically advanced manner in order to apply principles of sound research design to the critical evaluation of scientific literature related to general and oral health as a foundation for life-long learning. Students will use computer databases to find information relevant to course assignments and exams.

• Students will put into practice the principles of a sound research methodology in the planning, implementation and evaluation of scientific studies. Students will use this skill to analyze and interpret information necessary for class assignments and exams.

• Students will assess the need for treatment, then plan, provide, and evaluate treatment for the patient with advanced periodontal disease. This course will provide students with a background to allow them to determine the difference between healthy and disease conditions.

Instructor Information:

Renee McFarlane (CRN 24418 and 25510)
Office: Natural and Behavioral Sciences Building, Room 158
Phone: (678) 466-4790
Fax: (678) 466-4797
Email: ReneeMcFarlane@clayton.edu
Internet: http://faculty.clayton.edu/rmcfarla
Office hours: Monday and Wednesday 5:00 pm to 6:00 pm, Tuesday and Thursday 9:00 am to 9:30 am, Wednesday 12:00 pm - 3:00 pm and by appointment only

Nikki Sawyer (CRN 24386)
Office: Natural and Behavioral Sciences Building, Room 160
Phone: (678) 466-4787
Fax: (678) 466-4797
Email: NikkiSawyer@clayton.edu
Internet: http://faculty.clayton.edu/nsawyer2
Office hours: Wednesday 9 – 11 am, Thursday 8 – 11 am, Friday 9 – 11 am, and by appointment

Class Meetings:
<table>
<thead>
<tr>
<th>CRN</th>
<th>Days</th>
<th>Times</th>
<th>Room</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>24418</td>
<td>MW</td>
<td>3:35 pm - 4:50 pm</td>
<td>U265</td>
<td>McFarlane</td>
</tr>
<tr>
<td>24386</td>
<td>TR</td>
<td>11:15 am - 12:30 pm</td>
<td>U265</td>
<td>Sawyer</td>
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<tr>
<td>25510</td>
<td>MW</td>
<td>6:30 pm – 7:45 pm</td>
<td>U265</td>
<td>McFarlane</td>
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**Textbook Information:**

**Required Texts:**


Earlier editions and textbooks may be used but you must have access to Mastering A&P 9.0.

**Required Materials:**

4 scantrons - **YOU ARE REQUIRED TO PROVIDE YOUR OWN SCANTRONS FOR EXAMS** - Scantrons can be purchased at the bookstore. Instructor will not provide scantrons for any reason.

**Recommended Texts and Materials:**

Medical Dictionary (such as Tabor's Medical Dictionary or a CD-ROM version)

**Evaluation:**

Each student's grade will be calculated as follows:

| 3 - In-Class Exams @ 100 points each (50% of grade) | 300 points |
Class assignments (17% of grade) | 100 points
---|---
Final examination (comprehensive) (33% of grade) | 200 points
TOTAL | 600 points

Grading:

Letter grades will be assigned as follows:

- 540-600 points (90-100%) A
- 480-539 points (80-89%) B
- 420-479 points (70-79%) C
- 360-419 points (60-69%) D
- Below 359 points F

Mid-term Progress Report

The mid-term grade in this course, which will be issued on February 25, reflects approximately 30% of the entire course grade. Based on this grade, students may choose to withdraw from the course and receive a grade of "W." Students pursuing this option must fill out an official withdrawal form, available in the Office of the Registrar, or withdraw on-line using the Swan by mid-term, which occurs on March 1.

Instructions for Withdrawing are provided at this link.

The last day to withdraw without academic accountability is Friday March 1, 2013.

Course Schedule

<table>
<thead>
<tr>
<th>Week of</th>
<th>Lecture Topic</th>
<th>Chapter in Textbook</th>
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<tbody>
<tr>
<td>January 7</td>
<td>The General Senses</td>
<td>Chapter 15</td>
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<tr>
<td>January 14</td>
<td>The Special Senses</td>
<td>Chapter 17</td>
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<tr>
<td>Date</td>
<td>Topic</td>
<td>Chapters</td>
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<td>January 21</td>
<td>The Endocrine System</td>
<td>Chapter 18</td>
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<tr>
<td>January 28</td>
<td>The Cardiovascular System: Blood</td>
<td>Chapter 19</td>
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<td></td>
<td><strong>Exam 1 (Chapters 15, 17 and 18)</strong></td>
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<tr>
<td>February 4</td>
<td>The Cardiovascular System: Heart</td>
<td>Chapter 20</td>
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<tr>
<td>February 11</td>
<td>The Cardiovascular System: Heart (cont'd)</td>
<td>Chapter 20</td>
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<tr>
<td></td>
<td>The Cardiovascular System: Blood Vessels</td>
<td>Chapter 21</td>
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<tr>
<td>February 18</td>
<td>The Cardiovascular System: Blood Vessels (cont'd)</td>
<td>Chapter 21</td>
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<tr>
<td></td>
<td>The Lymphatic System</td>
<td>Chapter 22</td>
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<tr>
<td>February 25</td>
<td><strong>Exam 2 (Ch 19 - 21)</strong></td>
<td>Chapter 22</td>
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<td>The Immune System</td>
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<td><strong>Last day to drop without academic penalty: Friday March 1</strong></td>
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<tr>
<td>March 11</td>
<td>The Immune System (cont'd)</td>
<td>Chapter 22</td>
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<td></td>
<td>The Respiratory System</td>
<td>Chapter 23</td>
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<tr>
<td>March 18</td>
<td>The Respiratory System (cont'd)</td>
<td>Chapter 23</td>
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<td></td>
<td>The Digestive System</td>
<td>Chapter 24</td>
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<tr>
<td>March 25</td>
<td>The Digestive System (cont'd)</td>
<td>Chapter 24</td>
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<td></td>
<td><strong>Exam 3 (Ch 22-24)</strong></td>
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<tr>
<td>April 1</td>
<td>The Urinary System</td>
<td>Chapter 26</td>
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<tr>
<td>April 8</td>
<td>Fluid, Electrolyte and Acid/Base</td>
<td>Chapter 27</td>
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Please note that the schedule is tentative and the dates of the exams and the chapters that each exam will cover are **tentative** and **subject to change**. You should check this page often for updates to the schedule.

Due dates for assignments may be changed at the instructor's discretion. You are responsible for keeping track of due dates and turning in your work when it is required.

Exam dates are not set until they are announced in class. The exam date will be announced by your instructor, so check with him/her if you are uncertain of the date of an upcoming exam.

**Final Exam Schedule:**

- **Monday May 6, 2013 - 2:45 pm (McFarlane - CRN 24418)**
- **Thursday May 2, 2013 – 10:15 am (Sawyer – CRN 24386)**
- **Wednesday May 1, 2013 – 5:00 pm (McFarlane – CRN 25510)**

**Course Policies**

Students must abide by policies in the [Clayton State University Student Handbook](#), and the [Basic Undergraduate Student Responsibilities](#).

Students must read **course policies** as stated below on first day of class.

**University Attendance Policy**

Students are expected to attend and participate in every class meeting. Instructors establish specific policies relating to absences in their courses and communicate these policies to the students through the course syllabi. Individual instructors, based upon the nature of the course, determine what effect excused and unexcused absences have in determining grades and upon students’ ability to remain enrolled in their courses. The university reserves the right to determine that excessive absences,
whether justified or not, are sufficient cause for institutional withdrawals or failing grades.

**Course Attendance Policy**

Attendance is expected for all class periods. At the beginning of each class, an attendance sheet is passed around to record attendance. Students are responsible for making sure they sign the attendance sheet each class period. **Any absence from assignments or exams must be accompanied by a written excuse from a doctor or other competent authority the next class period student returns to class (not 2 weeks later).**

**Missed Work**

Without excuse, a grade of zero points will be assigned for the missed work. **If a valid excuse is provided**, then the student will be excused from assignment or exam and the average of other quizzes and exams will be taken. **NO MAKEUP QUizzes OR EXAMS WILL BE GIVEN FOR ANY CIRCUMSTANCES!!** A valid excuse is defined as the following: Jury duty, death in the immediate family (defined as follows: mother, father, sibling, spouse, or child), or student is incapacitated to the point where he/she is hospitalized on day of exam. **DO NOT UNDER ANY OTHER CIRCUMSTANCES ASK TO TAKE YOUR TEST AT ANY OTHER TIME FOR ANY OTHER REASON. ALL REQUESTS WILL BE DENIED.** Upon the first class day that the student returns to school, a written excuse must be presented specifically indicating the dates that are to be excused. If the final exam is missed without a proper excuse then a grade of 0 will be given for the final. If more than three (3) assignments or more than one (1) exam is missed, student will be recommended to apply for hardship withdrawal from course.

**Academic Dishonesty**

Cheating is defined as copying anything that is not your own and turning it in as your own work. Be sure to hand in your own work. Cheating will not be accepted for any of the following violations:

a. If you work on an assignment with a classmate and you write your answers with the same wording as your classmate then you will be accused of cheating (and so will your fellow classmate).

b. If you copy ANYTHING out of a book or off of a web page then you will be accused of cheating.

c. If you copy answers off of another person’s paper during a test then you will be accused of cheating.

d. If you are caught with an inappropriate device on your desk during an exam
Cheating in any form will result in a minimum of zero on the assignment and academic misconduct forms will be filed with the Office of Judicial Affairs for any violation. Judicial procedures are described at http://www.clayton.edu/community-standards/home.

Disruption of the Learning Environment

Behavior which disrupts the teaching–learning process during class activities will not tolerated. While a variety of behaviors can be disruptive in a classroom setting, more serious examples include belligerent, abusive, profane, and/or threatening behavior. A student who fails to respond to reasonable faculty direction regarding classroom behavior and/or behavior while participating in classroom activities may be dismissed from class. A student who is dismissed is entitled to due process and will be afforded such rights as soon as possible following dismissal. If found in violation, a student may be administratively withdrawn and may receive a grade of WF.

A more detailed description of examples of disruptive behavior and appeal procedures is provided at:

http://www.clayton.edu/Portals/5/DisruptiveClassroomBehavior.pdf

Other Policies

Each student must turn off all cell phones before class begins, especially before an exam. Each student will place ALL belongings in front of classroom near instructor's desk. Only pencils and pens will be allowed on the desk while taking a test. All students are responsible for filling in their scantron bubbles correctly. The instructor will not give back any points back for mistakes made on filling out scantron forms. If there are any errors on exam, instructor must be contacted within 48 hours or the next class period. Anytime after this period, no changes will be made.

ALL CELL PHONES MUST BE TURNED OFF (NOT EVEN ON SILENT MODE)!! Failure to do so will result in deduction of 2 points (if during class period) or 5 points (if during exam period) from overall grade.

No smoking is permitted at any time in the classroom.

Operation Study
At Clayton State University, we expect and support high motivation and academic achievement. Look for Operation Study activities and programs this semester that are designed to enhance your academic success such as study sessions, study breaks, workshops, and opportunities to earn Study Bucks (for use in the University Bookstore) and other items.

Last Update: January 7, 2013