**BSC 2094 Anatomy & Physiology II**

|  |  |
| --- | --- |
| **PREREQUISITE:** | |
| BSC 2093/BSC 2093L | |
| **COREQUISITE:** | |  | |
| **BSC2094L** | |  | |
| **INSTRUCTOR**  **INFORMATION:** | Sherry Bowen  Office: N217  Phone: 772-462-7502  Email: [sbowen@irsc.edu](mailto:sbowen@irsc.edu)  Office hours posted on website & door. |
|  | | |
| **GRADING POLICIES:** | | |
| **Exams** – There will be four *unit exams* (100 points each), one *midterm exam* (100 points) and one *final exam* (100 points). The lowest 100-point unit exam (NOT the midterm or final) is dropped. There will be four unit quizzes (100 points each averaged to a 100 point grade).  The semester grade is based on the total points obtained:  (3 unit exams (300 points) + one *midterm exam* (100 points) + one *final exam* (100 points) + the averaged quiz grade (100 points)  600 - 540 = A  539 - 480 = B  479 - 420 = C  419 - 360 = D  below 360 = F  **W**--deadline is Monday, Oct 31 | | |
|  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Tentative Course Schedule** | | |
| **Week of** | **Topics** | **Chapter** |
| Aug 24 | Endocrine System | 17 |
| Aug 29 | Endocrine System | 17 |
| Sep 5 | Endocrine System, Blood | 17, 18 |
| Sep 12 | Blood, Hemostasis | 18 |
| Sep 19 | **Exam I** [Ch. 17-18], Heart & Heart Physiology | 19 |
| Sep 26 | Heart Physiology, Blood vessels | 19, 20 |
| Oct 3 | Lymphatic system,Immunity | 21 |
| Oct 10 | **Exam II** [Ch. 19-21], **Midterm Exam** |  |
| Oct 17 | Respiratory System | 22 |
| Oct 24 | Digestive System | 25 |
| Oct 31 | Enzymes, Metabolism | 25, 26 |
| Nov 7 | Kidney, Fluid Balance | 23, 24 |
|  | **Exam III** [Ch. 22, 25-26], **Nov 10 – 14 (take at home)** |  |
| Nov 14 | Fluid Balance, Reproductive System | 24,27 |
| Nov 21 | Reproductive System | 27, 28 |
| Nov 28 | Reproductive System | 28, 29 |
| Dec 6 | **Exam IV** [Ch. 23, 24, 27-29] |  |
| Dec 8 | **Final Exam**  **(covers last 2 units)** |  |

|  |
| --- |
| **REQUIRED TEXTBOOK:** |
| Anatomy and Physiology: The Unity of Form and Function, 7th Ed., Ken Saladin.  **Companion web sites:** [**http://biology-irsc.weebly.com**](http://biology-irsc.weebly.com)  [**http://sbowen-irsc.weebly.com**](http://sbowen-irsc.weebly.com) |

|  |
| --- |
| **COURSE OBJECTIVES:** |
| |  | | --- | | 1. To investigate the structure and function of the endocrine, cardiovascular, digestive, and genitourinary systems. 2. To explain the importance of each aspect in the maintenance of homeostasis in the human body. 3. To present the counterpart of normal function as leading to particular pathological problems. | |

|  |
| --- |
| **STUDENT LEARNING OUTCOMES:** |
| |  | | --- | | **Upon completion of BSC2094, Anatomy & Physiology II,students will be able to:**   * Apply problem solving, analytical, and communication skills based on the scientific method that will provide the foundation for lifelong learning and career development. | |

|  |
| --- |
| **ACTIVITIES AND REQUIREMENTS:** |
| **CHEATING:** Cheating, including plagiarism, of ANY kind will not be tolerated by this  department. Any student caught cheating will receive an immediate zero for that  assignment. |

|  |
| --- |
| **MEANS OF ACCOMPLISHING OUTCOMES:** |
| Methods of instruction: Video-taped lectures, notes, online activities and quizzes, and exams. The video-taped lectures, powerpoints, notes, quizzes and exam study guides are available on the Blackboard website. |

|  |
| --- |
| **ATTENDANCE AND PROCEDURES:** |
| **MAKE-UP POLICY**: **There are NO makeups** for either the unit exams or the quizzes. Students will be allowed to drop *one* 100-point valued exam grade or one 100-point valued quiz during the semester. This should cover any illness, emergency, or other issue. If you miss an exam or quiz, for whatever reason, it will be counted as your drop grade. You should bank this opportunity thereby allowing you to DROP one 100-point grade if you have taken all tests and all quizzes. There are no drops for the quizzes as they are open for at least one week. Any missed quiz will be counted as a zero (0) grade for that quiz.  **The midterm and final are NOT to be dropped.** Any student missing the midterm must notify the instructor ASAP for a make-up. Make-ups for the midterm will not be given after Oct 21st and a zero (0) will be recorded for the exam. Any student missing the final exam will be issued an incomplete in the course (if passing at the time).  **EXTRA CREDIT**: No extra credit is given.  **Non-Discrimination and Non-Harassment Policy**  IRSC is committed to maintaining a fair and respectful employment and educational environment. In accordance with federal, state and local equal opportunity laws, IRSC prohibits discrimination on the basis of race, color, national origin, ethnicity, sex, religion, age, disability, sexual orientation, marital status, veteran status, or genetic information.  **Students with Disabilities Policy**  Indian River State College provides reasonable accommodations to students with documented disabilities through the Educational Services Division / Student Disability Services Office. The rights of students with disabilities which pertain to post-secondary education are provided under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990. These laws prohibit discrimination by institutions to "otherwise qualified" students with disabilities. This enables such students to have an equal opportunity to benefit from the education offered by those institutions.  If you are experiencing difficulty in your course, your first obligation is to work directly with your instructor to resolve the issue. If you are unable to settle your concerns with the assistance of your instructor, you can contact the Department Chair (Dr. Jen Capers, x7556), who will assist you or advise you about contacting the Academic Dean (Dr. Paul Horton, x7503) |

|  |
| --- |
| **LIBRARY AND ON-LINE REFERENCE MATERIALS:** |
| The **Miley** **Library** serves as IRSC's main library.  The library is an information place providing professional assistance, library books and media, and access to the library's electronic resources. There is an extensive online database system also available through IRSC’s website [www.irsc.edu](http://www.irsc.edu) |