**BSC 2094 Anatomy & Physiology II**

|  |  |
| --- | --- |
| **PREREQUISITE:** | |
| BSC 2093/BSC 2093L & student must score into college level mathematics and reading. | |
| **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), 5 quizzes averaging to a 100 point exam grade, and one *comprehensive final* (200 points). The lowest 100-point unit exam is dropped, for a total of 600 possible points.  The semester average is based on the percentage of total percentage points:  90 -100 = A  80 - 89 = B  70 - 79 = C  60 - 69 = D  below 60 = F  **W**--deadline is Monday, July 25 | | |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Tentative Course Schedule** | | | |
| **Week of** | **Topics** | **Chapter** | |
| Jun 28 | Endocrine System | 17 | |
| Jul 4 | Endocrine System, Blood | 17, 18 | |
|  | **Exam I** [Ch. 17-18] **Jul 11** |  | |
|  |  |  | |
| Jul 11 | Heart & Heart Physiology, Blood vessels | 19, 20 | |
| Jul 18 | Lymphatic system, Respiratory System | 21, 22 | |
|  | **Exam II** [Ch. 19-21] **Jul 25** |  | |
| Jul 25 | Digestive System, Metabolism, Kidney | 25, 26, 23 | |
|  | **Exam III** [Ch. 22, 25-26], **Jul 29 – 31 (take at home)** |  | |
| Aug 1 | Fluid Balance, Reproductive System, Development | 24, 27, 28, 29 | |
|  | **Exam IV** [Ch. 23, 24, 27-29] **Aug 4** |  | |
|  | **Comprehensive Final Exam Aug 8** |  | |
|  | | | |
| **REQUIRED TEXTBOOK:** | | |
| Anatomy and Physiology: The Unity of Form and Function, 7th Ed., Ken Saladin.  **Companion web sites:** [**http://faculty.irsc.edu/dept/biologicalsciences/**](http://faculty.irsc.edu/dept/biologicalsciences/)  [**http://faculty.irsc.edu/faculty/sbowen**](http://faculty.irsc.edu/faculty/sbowen) **IRSC Course companion Angel website.** | | |

|  |
| --- |
| **COURSE OBJECTIVES:** |
| |  | | --- | | * To investigate the structure and functioning of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. * To explain the importance of each aspect in the maintenance of homeostasis in the human body. * 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:**   * Communicate major biological concepts and relate how these are connected within various areas of the biological sciences. * 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 F in the course (no  withdrawal allowed.) |

|  |
| --- |
| **MEANS OF ACCOMPLISHING OUTCOMES:** |
| Methods of instruction: Live lectures, video-taped lectures, notes, online activities, and exams |

|  |
| --- |
| **ATTENDANCE AND PROCEDURES:** |
| **MAKE-UP POLICY**: There are NO makeups for either the exams or the quizzes. Students will be allowed to drop *one* 100-point valued exam grade during the semester. This should cover any illness, emergency, or other issue. If you miss an exam, 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. 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.  **EXTRA CREDIT**: No extra credit is given.  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) |

|  |
| --- |
| **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. |