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| NORTH CENTRAL TEXAS COLLEGECOURSE SYLLABUS |

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| *Course Title:*  | **BIOL 2402 Human Anatomy & Physiology II** |
| *Course Prefix & Number:*  | **Biol2402** | *Section Number:*  | **402** | *Semester/Year:*  | **FA 2017** |
| *Semester Credit Hours:*  | **4** | *Lecture Hours:*  | **3** | *Lab Hours:*  | **1** |
| *Course Description (NCTC Catalog):* Anatomy and Physiology II is the second part of a two-course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.   |
| *Course Prerequisite(s):*  |
| *Required or Recommended Course Materials:**Fundamentals of Anatomy and Physiology*, 11th ed., MartiniISBN 9780134396026 |

**INSTRUCTOR INFORMATION**

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| *Name of Instructor:* | **Doug Elrod, Ph.D.** |  |
| *Campus/Office Location:* | **Corinth**  |  |
| *Telephone Number:* | **940-498-6291** |  |
| *E-mail Address:* | **daelrod@ nctc.edu** |  |

**OFFICE HOURS**

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| --- | --- | --- | --- | --- |
| *Monday* | *Tuesday* | *Wednesday* | *Thursday* | *Friday* |
| **9:30-12:30 Corinth** | **9-11****Corinth** | **2-3** **Corinth** | **9-11** **Corinth** |  |
| **3:30-4:30 Flomo** |  | **3:30-4:30** **Flomo** |  |  |
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**STUDENT LEARNING OUTCOMES** (From Academic Course Guide Manual/Workforce Education Course Manual/NCTC Catalog

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| *At the successful completion of this course the student will be able to:* |
|  | **Lecture Learning Outcomes**1. Use anatomical terminology to identify and describe locations of major organs of each system covered.
2. Explain interrelationships among molecular, cellular, tissue, and organ functions in each system.
3. Describe the interdependency and interactions of the systems.
4. Explain contributions of organs and systems to the maintenance of homeostasis.
5. Identify causes and effects of homeostatic imbalances.
6. Describe modern technology and tools used to study anatomy and physiology.

**Lab Learning Outcomes**Upon successful completion of this course, students will: 1. Apply appropriate safety and ethical standards.
2. Locate and identify anatomical structures.
3. Appropriately utilize laboratory equipment, such as microscopes, dissection tools, general lab ware, physiology data acquisition systems, and virtual simulations.
4. Work collaboratively to perform experiments.
5. Demonstrate the steps involved in the scientific method.
6. Communicate results of scientific investigations, analyze data and formulate conclusions.
7. Use critical thinking and scientific problem-solving skills, including, but not limited to, inferring, integrating, synthesizing, and summarizing, to make decisions, recommendations, and predictions.
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**GRADING CRITERIA**

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| *# of Graded Course Elements* | *Graded Course Elements* | *Percentage or Point Values* |
| **4** | **Lecture Exams**  | **400 points** |
| **4**  | **Lab Practicals**  | **300 points** |
| **4-5** | **Homework** | **50 points** |
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**COURSE SUBJECT OUTLINE** (Major Assignments, Due Dates, and Grading Criteria)

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| **Lab Practical 1** | **100 points** |  |
| **Exam 1** | **100 points** |  |
| **Lab Practical 2** | **100 points** |  |
| **Exam 2** | **100 points** |  |
| **Exam 3** | **100 point** |  |
| **Lab Practical 3**  | **100 points** |  |
| **Exam 4** | **100 points** |  |

**ATTENDANCE POLICY**

Regular and punctual attendance is expected of all students in all classes for which they have registered. All absences are considered to be unauthorized unless the student is absent due to illness or emergencies as determined by the instructor. It is the student responsibility to provide documentation as to the emergency for approval and judgement by the faculty member. Approved college sponsored activities are the only absences for which a student should not be held liable and only when provided by a college official ahead of the absence. Valid reasons for absence, however, do not relieve the student of the responsibility for making up required work. Students will not be allowed to make up an examination missed due to absence unless they have reasons acceptable to the instructor. A student who is compelled to be absent when a test is given should petition the instructor, in advance if possible, for permission to postpone the exam. Student will be dropped from a class by the Registrar upon recommendation of the instructor who feels the student has been justifiably absent or tardy a sufficient number of times to preclude meeting the course’s objectives. Persistent, unjustified absences from classes or laboratories will be considered sufficient cause for College officials to drop a student from the rolls of the College. From Board Policy FC (LOCAL)

Last day to withdraw from a course with a “W” is \_November 9, 2017\_\_.

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**DISABILITY SERVICES** (Office for Students with Disabilities)

The Office for Students with Disabilities (OSD) provides support services for students with disabilities, students enrolled in technical areas of study, and students who are classified as special populations (i.e. single parents).

Support services for students with disabilities might include appropriate and reasonable accommodations, or they may be in the form of personal counseling, academic counseling, career counseling, etc. Furthermore, OSD Counselors work with students to encourage self-advocacy and promote empowerment. The Counselors also provides resource information, disability-related information, and adaptive technology for students who qualify.

If you feel you have needs for services that the institution provides, please reach out to either Wayne Smith (940) 498-6207 or Yvonne Sandman (940) 668-3300. Alternative students may stop by Room 170 in Corinth or Room 111 in Gainesville.

**CORE CURRICULUM FOUNDATIONAL COMPONENT AREA** (For classes in the Core)\_\_\_\_\_\_\_\_

 Communication

 Mathematics

 Life and Physical Science

 Language, Philosophy & Culture

 Creative Arts

 American History

 Government/Political Science

 Social and Behavioral Sciences

 Component Area Option

**REQUIRED CORE OBJECTIVES** (For classes in the Core)

 Critical Thinking

 Communication

 Empirical and Quantitative

 Teamwork

 Personal Responsibility

 Social Responsibility

**COURSE TYPE**

 Academic General Education Course (from ACGM but not in NCTC Core)

**** Academic NCTC Core Curriculum Course

**** WECM Course

**STUDENT HANDBOOK**

Students are expected to follow all rules and regulations found in the student handbook and published online.

**ACADEMIC DISHONESTY**

Scholastic dishonesty shall include, but is not limited to cheating, plagiarism, academic falsification, intellectual property dishonesty, academic dishonesty facilitation and collusion. Faculty members may document and bring charges against a student who is engaged in or is suspected to be engaged in academic dishonesty. See Student Handbook, “Student Rights & Responsibilities: Student Conduct ([FLB(LOCAL)]”.

Consequences for academic dishonesty may include:

1. **Please see student handbook for consequences to academic dishonesty**

**QUESTIONS, CONCERNS, or COMPLAINTS**

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| Name of Chair/Coordinator:  | **Dr. Lisa Bellows** |
| Office Location: | **Gainesville Science Building Office 408** |
| Telephone Number: | **940-668-4252** |
| E-mail Address: | **lbellows@nctc.edu** |