COURSE TITLE: Human Anatomy and Physiology I
COURSE NUMBER: BSC 2093

COURSE DESCRIPTION (with prerequisites):
This course focuses on the study of the anatomical and physiological functions of the human body. The scope of the course includes basic organization and structure with histology, integumentary system, skeletal system, muscular system, and nervous system. Prerequisite: A grade of "C" or higher in BSC 1088, BSC 1005, BSC 2010, BSC 2011, or equivalent. A pretest may be taken in the Chipola Testing Center to determine preparation for this course. 3 semester hours credit.

NAME(S) OF INSTRUCTORS:
Denise Freeman, Dr. David Hilton, Terelyn Lay

EFFECTIVE ACADEMIC YEAR:
2012-13

REQUIRED TEXTBOOKS AND INSTRUCTIONAL SUPPLIES:
Fundamentals of Anatomy & Physiology with Mastering A&P™, 9/E
Frederic H. Martini, Judi L. Nath, and Edwin F. Bartholomew
ISBN-10: 0321719794
See the lab syllabus for lab manual.

GRADING POLICY:
The standing of a student in each course is expressed by one of the following letters and corresponding grading system:
A – 90 – 100
B – 80 – 89
C – 70 – 79
D – 60 – 69
F – 59 or less
The Chipola Catalog provides policies and procedures regarding the grading system. A student’s Grade Point Average is derived from the grading system/quality point scale.

ATTENDANCE AND WITHDRAWAL POLICIES:
Chipola College expects regular attendance of all students. Students who are absent from classes for any reason other than official college activities must satisfy the instructor concerned that the absence was due to illness or other clearly unavoidable reasons. Otherwise, the student may suffer grade loss at the discretion of the instructor. Chipola policy allows each instructor to specify in the Instructor First Day
Handout whether or not an absence is excusable and what affect the absence or tardy
may have on the grade.

A student is allowed to repeat a course a maximum of three (3) times. **On the third
attempt a student (1) must bear the full cost of instruction (unless waived by
Student Services), (2) cannot withdraw, and (3) must receive a grade.**

**MAKE-UP POLICY:**
Chipola allows each instructor to specify in the Instructor First Day Handout the makeup
policy.

**ACADEMIC HONOR CODE POLICY:**
Students are expected to uphold the Academic Honor Code. Chipola College’s Honor
Code is based on the premise that each student has the responsibility to (1) uphold the
highest standards of academic honesty in his/her own work; (2) refuse to tolerate
academic dishonesty in the college community; and (3) foster a high sense of honor and
social responsibility on the part of students. Further information regarding the Academic
Honor Code may be found in the Chipola Catalog, Student Governance section.

**STUDENTS WITH DISABILITIES POLICY:**
Chipola College is committed to making all programs and facilities accessible to anyone
with a disability. Chipola’s goal is for students to obtain maximum benefit from their
educational experience and to effectively transition into the college environment.
Students with disabilities are requested to voluntarily contact the Office of Students with
Disabilities to complete the intake process and determine their eligibility for reasonable
accommodations.

**LIBRARY AND ON-LINE REFERENCE MATERIALS:**
The library is a comprehensive learning resource center providing information in print,
electronic, and multimedia format to support the educational objectives of the College.
On-line catalogs, e-books and electronic databases can be accessed by using the
LINCCWeb icon on the Chipola Library website at www.chipola.edu/library. If you have
questions about database usage consult the “How to Use the Chipola Databases” on
the Library website or call the Library at 850/718-2274 during regular hours. Library
hours are posted each semester at the building entrance and on the Library website.
See your Instructor First Day Handout for individual instructor recommendations and
resources.

**TECHNOLOGY RESOURCES:**
The Information Technology Center, located in the library, is equipped with computer
workstations. Lab hours are posted each semester at the building entrance and on the
Library website. The ACE Lab, located in Building L, is available for tutoring and is
equipped with computer workstations. Lab hours are posted each semester at the room
entrance. The college’s learning management system is **Desire 2 Learn** (d2l). Classes
become available on d2l on the first day of the semester. It is the student’s
responsibility to log onto the d2l system the first day of class to establish the first day of
attendance and to check announcements. For further information, contact your
instructor or the Director of Online Learning.

**ELECTRONIC DEVICE USAGE:**
All electronic devices such as cell phones, beepers, pagers, and related devices are to
be silenced prior to entering classrooms and/or laboratories to avoid disruption. Should
it become necessary for a student to leave his/her “device” on to send or receive an
emergency call and/or text message, the student must inform the instructor prior to
class. If the student finds it necessary to send and/or receive an emergency call and/or
text message during class/lab time, he/she is instructed to take all books and
belongings and step outside the classroom to deal with the situation. To minimize
classroom disruption and the distraction to classmates, the student will not be permitted
to reenter the classroom during that class period. Any time a test is being administered,
all such devices must be turned off and put away. If a device is seen or heard during an
exam, a score of zero will be given for that exam. Initial and repeated infractions may
result in disciplinary action.

**DISCIPLINE SPECIFIC COMPETENCIES / LEARNING OUTCOMES:**
Explore the History, Nature, Methods, and Limits of Science

NS-1 Use methods of scientific investigation.

NS-2 Apply scientific principles.

NS-3 Identify scientific ideas related to the history or nature of science.

NS-4 Examine issues and problems facing modern science, such as ethics, values,
and public policies.

NS-5 Identify relationships between science and technology.

**LINKING COURSE-LEVEL STUDENT LEARNING OUTCOMES WITH
DISCIPLINE-SPECIFIC COMPETENCIES, ASSESSMENT METHODS, AND
ARTIFACTS**

<table>
<thead>
<tr>
<th>COURSE-LEVEL STUDENT LEARNING OUTCOMES FOR BSC 2093</th>
<th>DISCIPLINE-SPECIFIC GENERAL EDUCATION COMPETENCIES</th>
<th>ASSESSMENT METHODS FOR COURSE LEVEL STUDENT LEARNING OUTCOMES</th>
<th>ARTIFACTS FOR AA PROGRAM ASSESSMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Recall vocabulary and terminology related to human anatomy and physiology.</td>
<td>NS-1, NS-2, NS-3, NS-3, NS-5, M-4</td>
<td>H, T, CF</td>
<td>Student will write a research paper on a selected topic.</td>
</tr>
<tr>
<td>• Identify important anatomical structures in the systems discussed.</td>
<td>NS-1, NS-2</td>
<td>H, T, CF</td>
<td></td>
</tr>
<tr>
<td>• Describe the relationship</td>
<td>NS-1, NS-2,</td>
<td>H, T, CF</td>
<td></td>
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</tbody>
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between structure and function in the systems discussed.

- Relate principles of biological chemistry to the regulation of homeostasis in the body.

- Apply scientific concepts along with historical references to illustrate the significance of modern trends and new research in health-related areas.

**Assessment Codes**

- **T** = Tests  
- **Pre/Post** = Pre- and Post-Tests  
- **OT** = Objective Tests  
- **UT** = Unit Tests  
- **Q** = Quizzes  
- **F** = Final Examination  
- **CF** = Cumulative Final  
- **EX** = Departmental Exam  
- **SE** = Nat'l or State Standardized Exam

| NS-1, NS-2, NS-3, NS-5 | H, T, CF | NS-1, NS-2, NS-3, NS-4, NS-5, M-1, M-2, M-4, M-5 | H, T, CF |

**MEANS OF ACCOMPLISHING STUDENT LEARNING OUTCOMES:**

Lecture is the primary method of instruction. Students are expected to be attentive and are encouraged to ask questions. Lectures will come primarily from the textbook in formats that may include power point presentations, white board illustrations, videos, and web-based technologies. Laboratory activities are designed to correlate with the lecture material to aid in student understanding. Homework assignments, including the web-based Mastering Anatomy & Physiology, are required. Research paper that varies in topic from semester to semester, are also utilized to expand student knowledge and understanding of the course material.

**ASSIGNMENT AND/OR COURSE OUTLINE**

See your Instructor First Day Handout for individual instructor assignment schedule.