A. COURSE OBJECTIVES
To provide an overview of the basic components of the human body including the respiratory, cardiovascular, renal, digestive, and reproductive systems. Physiology and chemistry of the endocrine and immune system will also be covered as well as the fundamentals of genetics and heredity.

Students will be able to:
1. understand and remember terms and key concepts associated with anatomy and physiology.
2. synthesize course material to describe processes of human physiology that range across multiple organ systems.
3. apply information from this course to make assumptions/hypothesis as to what organ system, organs, and tissue types are affected when given specific information of a patient’s health.
4. appreciate the complexity of human body, especially with regard to their individual field of study.
5. value the importance of precise language in this field of work, as part of professionalism.
6. interact with others to reach conclusions based on information given and to learn new material.

B. MATERIALS
WEBSITE: You may access course info and grades on Blackboard at www.cn.edu – enter the site off the Carson Newman Homepage, log in with your password, and Blackboard links for your courses will be shown. This website contains daily schedule information: topics covered, assignments, grades, notices or announcements, etc. Most handouts will only be available on Blackboard so bring a copy to class on the appropriate day. Day by day topics will be listed as well as homework assignments and due dates. Check Blackboard for recorded grades to make sure they are accurate.
C. GRADING

1000 possible points
1. 3 lecture exams/final = 500 pts (1st three exams are 100 pts each w/ 200 pt final)
2. Homework (HW) = 100 pts
3. Chapter Quizzes = 100 pts
4. 2 Lab Practicals = 200 pts (100 pts each)
5. Lab Quizzes = 100 pts (10 @ 10 points each)
6. attendance – points may be deducted based on attendance – see attendance section below

Final grades will be given as follows (90% (900 pts) = A, 80% (800 pts) = B, 70% (700 pts) = C, 60% (600 pts) = D, <60% (599 pts) = F):

D. EXAMS - May include multiple choice, matching, short answer, or essay questions.

READ THE FOLLOWING VERY CAREFULLY:
1. If an exam is missed, you must contact me to discuss if a make-up exam is possible. You must have a verifiable, written medical, legal, personal emergency excuse, or be attending a CN sponsored event to qualify for a makeup. You must provide this excuse within one week of your absence. If you know in advance you will miss the exam, you must notify me in advance. Only one exam can be missed. If you miss more than one exam, a zero will be recorded for the other missed exam(s). You will not be allowed to take an exam if you are tardy. It is disruptive to students taking the exam and unfair since you could be taking more time to study.
2. Cheating on tests or homework assignments will result in a “0” and referral to the Academic Council.
3. Disputes about grading (test, assignment, or lab) must be brought to my attention within one week of its return to you, preferably sooner. Any questions you have will be addressed and the work will be re-evaluated to make sure the grade is fair.

E. SEMESTER OUTLINE

Ch 18 Endocrine
Ch 19 Blood
Ch 20 Heart

EXAM 1
Ch 21 Blood Vessels
Ch 22 Lymphatic and Immune
Ch 23 Respiratory

EXAM 2
Ch 24 Digestive
Ch 25 Metabolism and Nutrition
Ch 26 Urinary
Ch 27 Ion Balance

EXAM 3
Ch 3 Cell Division
Ch 28 Reproduction
Ch 29 Development and Inheritance

FINAL Friday, May 6, 9:00-11:00
F. HOMEWORK ASSIGNMENTS
Homework will consist of one assignment per unit posted on Blackboard. Each assignment will ask you to research a variety of diseases that pertain to the unit material. **You assignment must be submitted to Blackboard (no paper submissions) by the day of the unit exam.** A portion of the exam will be dedicated to information learned from this homework.

G. ATTENDANCE REQUIREMENTS / ABSENCE POLICY:
CNC absence policy is given in the college catalog. On page 44 it states, “Attendance at all class meetings is required and a student is responsible for all the work, including tests and written assignments of all class meetings.” No matter what the reason for the absence, students are still responsible for all class work. Since attendance is required at Carson-Newman, roll will be checked every class period. Being in class exposes you to ideas, activities and conversations (to which you will hopefully contribute.) If you are absent, your overall learning experience is lessened and your contributions to the class are lower. Even if you get notes from a classmate and do reasonably well on the exams, there are a lot of learning opportunities you are missing if you are absent. Therefore points will be lost for excessive absences (note that tardiness counts as an absence) as follows:

- 1 – 5 absences: no deduction
- 6 – 15 absences: – 1, 2, 3….10, etc. points off **final average** (1 point for each absence over 5)
- 15 absences: F for the course (assigned after final drop date – if you have this many absences, you are advised to drop the class)

**Tardiness:** Due to the disruptive nature of students arriving late, please arrive on time. If you are tardy it will be counted as an absence. If you miss a class, check the website for announcements or assignments. Because this information is readily accessible, there is no excuse for “not knowing” about an assignment or schedule change. You will not be allowed to take an exam if you are tardy (if you arrive after all exams are handed out and students begin working.)

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LABS

H. YOU MUST BE REGISTERED FOR A LAB!
Lab attendance is required. (All labs meet in RM 216) You need to read the lab exercise before lab in order to be prepared. If you have an excused absence from lab, you must meet with me and discuss making up the material/quiz. Missed labs can result in major grade deductions as follows:

- 3 misses - one letter grade deduction in final course grade
- 4 misses - two letter grade deduction in final course grade
- 5 misses - dropped with an F for the course
LAB SCHEDULE

Jan 25  Ex. 27,28B  
Feb 1  Ex. 29,30  
Feb 8  Ex. 31,32,33  
Feb 15  Ex 35A, 34B  
Feb 22  Ex. 36,37  
Mar 1  Lab Practical 1  
Mar 8  Ex. 38,39B  
Mar 15  Ex. 39A  
Mar 29  Ex. 40, 41A, 41B  
Apr 5  Ex. 42,43  
Apr 12  Ex. 44  
Apr 19  Ex. 45  
Apr 26 or May 3  Lab Practical 2

I. OTHER POLICIES

- **Academic Misconduct:** Cases of plagiarism and other academic misconduct such as misuse of computer facilities will not be tolerated and will be taken through the appropriate college channels set up to deal with academic misconduct. Cheating on tests or quizzes will result in a zero on that test and you may be referred to college officials.

- **Disabilities:** Any student with a special disability (sight, hearing, language, mobility, etc.) that may affect class activities must inform the instructor of the learning disability. To request accommodations, please contact David Humphrey, Kathleen Manley Wellness Center (865-471-3268 Office; 865-471-3350 Receptionist; dhumphrey@cn.edu)

- **Other Class Policies:** No cell phones on in class. A ringing phone is disruptive to others.

- **Exceptions:** While the syllabus and unit schedules may be considered a contract for the course, I reserve the right to alter the specifications if necessary. I will not do so without discussing the change with the class.

- **Tennessee Teacher licensure standards:** This course meets the following requirements for the state of Tennessee Teacher licensure standards:
  1. Understanding of how scientists and technologists create, describe, disseminate, and refine new knowledge within their disciplines.
  2. Ability to apply scientific methods in appropriate situations.
  3. Understanding of the major ways that science and technology have affected humans and their world.
  4. Understanding of the power and limitations of science and technology in a changing world; awareness of how societies, institutions, and individuals are responsible to see that technology is used ethically and appropriately.
  5. Awareness of contemporary scientific and technological trends and implications for the future.