

CLASS NUMBER AND NAME:	MDN151 ANATOMY AND PHYSIOLOGY II	
TOTAL HOURS/UNITS:	24 HOURS	2 UNITS
PREREQUISITES:	Completion or concurrent enrollment in MDN161B Medical Terminology II.	
TEXTS AND MATERIALS:	<u>Anatomy & Physiology</u> , Fourth edition, Donald Rizzo, Cengage, 2016 (ISBN 9781285174150) Study guide (by instructor) E-Library and Internet	
CLASS DESCRIPTION:	A study of the basic body structures and functions and many of the diseases that affect the following body systems: cardiovascular, respiratory, blood, lymphatic, immune, and skeletal with emphasis on the medical terms relating to these systems.	
CLASS OBJECTIVES:	To name the organs of the system and describe their functions and locations. To give the meaning of various pathological conditions affecting each system. To recognize the use and interpretation of some diagnostic tests, clinical procedures, and laboratory tests, that is applicable to each system.	
CLASS FORMAT OVERVIEW:	Anatomy and Physiology is divided into three parts. The student may start with any part, i.e.; the parts do not necessarily have to be taken in order. (A&P I does not have to be taken before A&P II, etc.)	
METHODS OF INSTRUCTION:	As lecture is used as the principal means of instruction; it will be expected that all students will be present every day. The student is expected to read the chapters as well as attend the lecture. The instructor provides student study guides for each system and instructive videos may be shown.	

CLASS ATTENDANCE:

It is expected that each student will be in class when class begins. Should the student come in later than five minutes after class begins, he or she should be certain that the instructor has noted his or her presence in class. It will then be up to the instructor to decide if the student had arrived in time to be counted as present – the instructor's decision will be final.

It will be the student's responsibility to learn of any assignments given in class when absent.

80% attendance is mandatory;

90% or above is mandatory for all those who are in a full program and qualify for externship.

TESTING:

Quizzes are given throughout each section at the instructor's discretion and cannot be made-up.

The student must complete all tests and final with a passing grade (60% or better). Tests on diagrams must be passed with at least 75% accuracy.

Tests are given at the end of each chapter or two, Internet or E-library assignment is due the third week and a final is given at the end of each module.

There is no retakes of Medical tests.

LATE TESTING:

A 10 PERCENT PENALTY WILL BE ISSUED FOR ALL LATE TESTS. If you are not present the day of the test and have not made arrangements with the instructor to take the test early, you will automatically be given the 10 percent penalty. (Late tests start with a "B" or, minus 10 percent). **Late homework will receive 1% off the final grade per class period that it is late.**

GRADING POLICIES:

Each student is graded on the cumulative point system as follows:

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
0 – 59%	F

Students out of uniform will be subject to the uniform contract grading policy.

The final letter grade is based on the cumulative point score of each student at the end of the course. **IF A STUDENT FAILS TO TAKE A TEST DURING THE MODULE, THE CLASS GRADE WILL BE LOWERED BY ONE LETTER GRADE.**

ANTICIPATED LEARNING OUTCOMES:

Upon completing this course, the student will be able to:

1. Cardiovascular System:
 - a) Name the parts of the heart, associated blood vessels, their functions and the circulation of blood.
 - b) On a given diagram, label and trace the pathway of blood through the heart with at least 75% accuracy.
 - c) Recognize many lab tests and various pathological conditions.
2. Respiratory System:
 - a) Name the organs. Describe location and function
 - b) Recognize many lab tests and various pathological conditions.
3. Blood:
 - a) Identify terminology, composition, formation and function.
 - b) Differentiate among the types of blood groups and certain factors affecting them
 - c) Recognize various pathological conditions associated with different components of the blood.
4. Lymphatic and Immune System:
 - a) Describe basic elements.
 - b) Recognize terms that describe the various pathological conditions.
5. Skeletal System:
 - a) Given a diagram, name the basic bones of a skeleton.
6. Demonstrate accessing the Internet or E-library to

obtain medical research/information and download an article on new developments or website addresses of interesting learning tools for any of the body systems studied in this module.

ProQuest (E-Library) on the web:

<http://search.proquest.com>

CAMPUS ACCESS = 04PCNVFDKC

PASSWORD = WELCOME

MDN151 Anatomy and Physiology II - Weekly Schedule

Week	Monday	Tuesday	Wednesday	Thursday
1	Intro: READ: Chapter 14 Cardiovascular System	Cardiovascular System READ: Chapter 14 and Study Guide	Cardiovascular System Lecture and review throughout lecture	Cardiovascular System Lecture and review throughout lecture
2	Cardiovascular System Lecture and review throughout lecture	Cardiovascular System Lecture and review throughout lecture	Cardiovascular System TEST HOMEWORK DUE	Respiratory System READ: Chapter 17 and Study Guide
3	Respiratory System READ: Chapter 17 and Study Guide	Respiratory System READ: Chapter 17 and Study Guide	Respiratory System TEST HOMEWORK DUE	Blood READ: Chapter 13 and Study Guide
4	Blood Lecture and review throughout lecture	Blood Lecture and review throughout lecture	E-Library Project DUE Blood TEST HOMEWORK DUE	Lymphatic and Immune READ: Chapter 15 and Study Guide
5	Lymphatic and Immune READ: Chapter 15 and Study Guide	Lymphatic and Immune Lecture and review throughout lecture	Lymphatic and Immune Lecture and review throughout lecture	Lymphatic and Immune Lecture and review throughout lecture
6	Lymphatic and Immune TEST HOMEWORK DUE	Skeleton on page 147 and Heart Diagram Review	FINAL EXAM	Final Exam con't Late Final Test

This is an approximate schedule and is subject to change at the instructor's discretion. The student is responsible for any missed information and handouts due to absences. Homework includes familiarizing yourself to the Calendar and Syllabus, textbook and study guide reading assignments, flashcards, diagrams, E-library searches and internet site videos all when appropriate to augment learning. The time spent in preparation for or reflection on course lecture will approximate two hours outside of class for each lecture credit hour utilized by the instructor in delivery of the materials and ¼ hour outside of class for each hour of structured lab time.