



CLASS NUMBER AND NAME:	MDN152 ANATOMY AND PHYSIOLOGY III	
TOTAL HOURS/UNITS:	24 HOURS	2 UNITS
PREREQUISITES:	Completion or concurrent enrollment in MDN161B Medical Terminology II.	
TEXTS AND MATERIALS:	<u>Anatomy &amp; 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: muscular, integumentary, eye and ear, and endocrine 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 and a final is given at the end of each module.

There are no retakes of Medical test.

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. Musculoskeletal System:
  - a) Name the structure of bone, markings and classification.
  - b) Name joint categories and movements.
  - c) Name major skeletal muscles.
2. Integumentary System:
  - a) Identify the parts of the integumentary system, and its accessory structures.
  - b) Name some of the functions and common pathological conditions.
  - c) Distinguish among burns; the usual method of determining the extent and severity of burns.
3. Eye and Ear
  - a) Identify the parts of the eye and their functions.
  - b) Describe the physiology of vision and various errors of refraction.
  - c) Describe the physiology of hearing and the physiology of equilibrium.
4. Endocrine System:
  - a) Identify the endocrine glands and their functions.
  - b) Describe disorders of the various glands, hypersecretion and hyposecretion.

## MDN152 Anatomy and Physiology III - Weekly Schedule

Week	Monday	Tuesday	Wednesday	Thursday
1	<b>Musculo-Skeletal READ: Chapter 7 and pages 184-187, 200-210</b>	<b>Musculo-Skeletal READ: Chapter readings and Study Guide</b>	<b>Musculo-Skeletal Lecture and review throughout lecture</b>	<b>Musculo-Skeletal Lecture and review throughout lecture</b>
2	<b>TEST: Musculo- Skeletal  HOMEWORK DUE</b>	<b>Integumentary READ: Chapter 6 and page 265: Ceruminous glands</b>	<b>Integumentary READ: Chapter readings and Study Guide</b>	<b>Integumentary Lecture and review throughout lecture</b>
3	<b>Integumentary Lecture and review throughout lecture</b>	<b>Integumentary Lecture and review throughout lecture</b>	<b>TEST: Integumentary  HOMEWORK DUE</b>	<b>Eyes and Ears READ: Chapter 11: only pages 263-266 and Senses: pages 271-273</b>
4	<b>Eyes and Ears Lecture and review throughout lecture</b>	<b>Eyes and Ears Lecture and review throughout lecture</b>	<b>Eyes and Ears Lecture and review throughout lecture</b>	<b>Eyes and Ears Lecture and review throughout lecture</b>
5	<b>TEST: Eyes and Ears  HOMEWORK DUE</b>	<b>Endocrine System READ: Chapter 12</b>	<b>Endocrine System READ: Chapter 12 and Study Guide</b>	<b>Endocrine System Lecture and review throughout lecture</b>
6	<b>Endocrine System Lecture and review throughout lecture</b>	<b>Endocrine System Lecture and Diagram review</b>	<b>FINAL EXAM  HOMEWORK DUE</b>	<b>Final Exam con't  Late Final Test</b>

**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 reading assignments, and study guide homework plus diagrams, flashcards, and practice tests 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.**