

Overview and Introduction

Welcome to the Cardio-Vascular Physiology section of your training!

Over the course of the next 4 months you will be taught cardio-vascular physiology. The course is a lecture series with Power Point Presentations and Video Presentations representing the majority of the lecture format. Basic cardiovascular physiology will be presented with clinical correlation interjected. Later in the course we will integrate the basic information learned to enhance your understanding of more complex aspects of cardiac physiology such as valvular heart disease, coronary artery disease, and the cardiovascular system in shock and exercise.

Each student will be given a CD-ROM at the beginning of the course which contains the basic lecture information as well as appropriate visual aids. The information that you will be tested on will be presented in your power point presentations and lectures.

You will be expected to have reviewed the appropriate power point presentations prior to the lecture.

Testing:

Quizzes (n = 10) 50%

Final Exam 50%

Final Grades:

Your overall final grade in the Cardiovascular-Respiratory Physiology course is determined by averaging your final grades in the Respiratory and Cardiovascular portions of the course.

Grading Scale:

A+	99 - 100
A	90 - 98
B+	88 - 89
B	80 - 87
F	< 80

Reference Books:

The following reference book will be used throughout the course. The basic information that you need to know to pass this course will be contained in the weekly lectures and the CD-ROM presentations. The recommended readings are meant to supplement and clarify your understanding of the material presented.

Klabunde, RE: Cardiovascular Physiology Concepts, Lippincott Williams & Wilkins, 2005. ISBN 078175030X

Another excellent reference book is the following:

Guyton, AC, Hall, JE: Textbook of Medical Physiology, 11th Edition, Elsevier, 2006.

For the EKG portion of the course, I highly recommend that you use the following book as a reference:

Dubin, D: Rapid Interpretation of EKG's, 6th Edition, Cover Publishing, 2000. ISBN 0912912065

(This is a great book that I guarantee you will read over and over!)

Additional information can be obtained from:

Levy, MN, and Pappano, AJ: Cardiovascular Physiology, 9th Edition, Mosby, 2006. (The Mosby Physiology Monograph Series) ISBN 0323034462

If you have any questions regarding this course please contact me:

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If you are having problems with the material, please contact me----sooner than later!

Chris Larson