



Colorado Mountain College

I. Course and Instructor:

Basic EKG Interpretation, Kelly Lombardi, MS, NREMT-P

Format :

Classroom

Course Information:

Course Title: Basic EKG Interpretation

Course Code: HPR-190

Credits: 2

Meeting Times and Days: Saturday, 8:00 – 6:00

Start Date: 2/2/13

Refund Date: 2/4/13

Synonym Number: 73619

Semester: Spring 2013

Prerequisite: None

End Date: 2/16/13

Withdraw Date: 2/14/13

Instructor Information:

Name: Kelly Lombardi

Phone: (970) 401-1861 (mobile)

Phone: (970) 569-2924 (to leave a message at CMC)

Fax: (970) 569-3309

E-Mail: klombardi@ecparamedics.com

Office Hours: By appointment only.

II. Course Description:

This course includes foundational anatomy and physiology of the heart; however, the majority of the course is spent covering basic EKG interpretation through lecture and extensive practice. Because it is completed in three days, it is imperative that students complete PRE-COURSE READING from the assigned textbook as well as all homework assignments.

III. Course Objectives:

Upon successful completion of this course, the student should be able to describe the anatomy and physiology of the human heart, accurately identify basic EKG rhythms, and discuss some causes of abnormal EKGs.

IV. General Education Transfer Degree Competencies:

As a result of taking the Colorado Guaranteed General Education courses and other courses comprising the AA and AS degrees, students are expected to demonstrate competency at an adequate level according to criteria for each outcome, and compile a portfolio of work in the following areas:

- **Reading.** Students should be able to read critically and thoughtfully.
- **Communication (written and oral).** Students should be able to write and speak clearly and concisely to send and respond effectively to communications for varied audiences and purposes.
- **Mathematics.** Students should be able to use mathematical methods, reasoning, and strategies to investigate and solve problems.

- **Scientific reasoning.** Students should be able to apply the scientific method to investigate natural phenomena.
- **Critical Thinking.** Students should be able to critically examine issues and ideas and to identify good and bad reasoning in a variety of fields with differing assumptions, contents, and methods.
- **Technology (computer literacy).** Students should be able to apply contemporary forms of technology to solve problems or compile information.
- **Social Sciences.** Students should be able to demonstrate a broad foundation of social science knowledge and apply it to contemporary problems and issues including their historical frameworks.
- **Interpersonal and group interaction.** Students should be able to interact effectively with individuals and within peer, work, social, and cultural groups.
- **Aesthetic responsiveness.** Students should be able to articulate a personal response to the aesthetics in given contexts.

V. Evaluation Methods and Class Management:

Pre-Course Work

This class moves at a very quick pace. It's imperative that students order the book and read Chapters 1-7 prior to the start of class. They should also complete the chapter quizzes in order to better prepare for the 1st quiz scheduled on the morning of February 9th.

Saturday, February 2nd

- Introductions, Syllabus
- Chapter 1, Structure (includes heart dissection, recommend wearing old, dark clothing)
- Chapter 2, Function
- Chapter 3, Basic Electrophysiology
- Chapter 4, Electrical Conduction System
- Chapter 5, The Electrocardiogram
- Chapter 6, Interpretation of an EKG Strip
- Chapter 7, Sinus Rhythms
- Review & Questions

Saturday, February 9th

- Quiz (Chapter 1-6, 100 points)
- Chapter 8, Atrial Rhythms
- Chapter 9, Junctional Rhythms
- Chapter 10, Ventricular Rhythms
- Quiz (Chapter 7-10, 100 points)

Saturday, February 16th

- Chapter 11, Heart Blocks
- Chapter 12, Paced Rhythms
- Review Practice Strips
- Final Exam (Chapters 1-12, 200 points)

Grading Scale	
A	90-100

B	80-89
C	70-79
D	60-69
F	Below 60

Total Points = 400 (1st Quiz 100 points, 2nd Quiz 100 points, Final Exam 200 points)

VI. Grading System:

You will receive one of the following symbols for each course enrollment (unless officially withdrawn prior to the course census date):

Grade	Interpretation	Quality Points
A	Excellent	4.0
B	Above Average	3.0
C	Average	2.0
D	Poor	1.0
F	Fail	0.0
W	Withdrawal	
AW	Administrative Withdrawal	
AU	Audit	
P	Pass	
I	Incomplete	
NG	No Grade Assigned	

Grade Reports

You will receive a grade report for current semester courses at the end of each term. This grade report is mailed to your permanent mailing address. Reports are mailed approximately two weeks after the end of the academic term.

GRADING OPTIONS

You may register for most courses choosing any of the options listed below. **If you chose to change your grading option, you must notify the front desk before the census date. Otherwise, you will receive a letter grade.** Your grade option selection cannot be changed after the class census date.

Pass/Fail Option. If you select the Pass/Fail Option, you will receive a "P" for the class if you earn the equivalent of a "C" or better for the course. Likewise, an "F" is assigned if you earn a "C-," "D+," "D," "D-," or "F." Although all courses are available through this option, only 20 percent of all courses used to meet degree/certificate requirements can be earned through the Pass/Fail Option. Courses awarded by standardized national exams, i.e., CLEP, AP, DANTES, or Regents College Exam, are given a "P" grade and are not included in the 20 percent calculation. Courses with the prefix of PAC or MAA and courses of 0.5 credit hours or less must be graded with the Pass/Fail Option.

Audit Option. When you select the Audit Option you will receive an "AU" as the final grade. This means only that you registered for the course. Audit students are not required to submit papers, take exams, or attend class. The only requirement of the audit student is that he/she not be disruptive to classroom activity. Students registered under this option earn no quality points or credit hours. Students cannot meet prerequisite requirements through this grade option.

Students registered under the course audit option may, at a later date, re-take the course for credit.

Letter Grade Option. If you do not clearly express your desire to be evaluated under one of the grading options outlined above, you will be automatically evaluated using the letter grade option. These grades are listed (A-F) above under “Grading System.”

VII. Required Course Materials

Text: *Understanding EKGs, A Practical Approach 3rd edition*

Author: *Brenda M. Beasley*

ISBN: 978-0135069066

ORDERING BOOKS

Colorado Mountain College TeleWeb, IVS, and Web course books are purchased through Follett Virtual Bookstore: www.coloradomtn.bkstr.com. To order textbooks, click on “Textbooks and Course Materials.” Students should have their course code and synonym number ready when ordering.

Financial aid students may have the option to use the “voucher” form provided at each CMC location. This form will need to be filled out and signed by the student and an authorized CMC employee.

The Follett returns policy and other information can be accessed from the web link above and clicking a link under “Customer Service.”

Follett offers the options of Text Rental and Book Buy Back. Please see the website for more details.

VIII. Other Information:

Virtual Library Information: <http://library.coloradomtn.edu/home>

The Virtual Library has its doors open 24/7, providing access to thousands of online journals and newspapers, books and art images, downloadable videos and audio books, career resources, and practice tests.

Virtual Library Help Desk

If you need help with the Virtual Library, email reference@coloradomtn.edu or call us at 800-621-8559, extension 2926.

NOTICE:

Students are responsible for course materials from assigned text(s) and reading, lectures, labs, and other assignments as required.

Students are responsible for any mailing or faxing that may be required for the course. Students should NOT expect these services to be provided by a CMC site.

Any or this entire syllabus may be altered during the semester by the instructor, as the learning environment requires. Students will be notified of changes.

In a course with scheduled class meetings, attendance at all class meetings is expected.

No-show reporting and financial aid: You must attend your first day of class so that the instructor may complete a "no-show" report. If you do not attend class or notify your instructor of a valid reason of why you cannot be there, you will be reported as a no-show and dropped from the course. The resultant loss in credit hours may cause a reduction and/or cancellation of your financial aid award. Neither financial aid awards nor class reinstatement can occur after this point without significant documented extenuating circumstances. If you have questions or concerns about this, please contact your campus financial aid specialist. (http://coloradomtn.edu/financial_aid)

If you have a disability protected by the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act and feel you may need classroom accommodations based on the impact of your disability, please contact the Disability Services Coordinator on your campus.

- Alpine and Vail-Eagle Valley (Edwards) Campuses: Deb Farmer at 970-870-4450
- Aspen, Rifle, and Roaring Fork Campuses: Dr. Anne Moll at 970-947-8256
- Summit and Timberline Campuses (including Chaffee County): Sandi Conner at 719-486-4200

Students wishing to withdraw from this course must INITIATE the course withdrawal/drop process at the site Registration Office.

This class could be cancelled one week prior to the census date if a sufficient number of students are not enrolled by that date.