

Clackamas Community College
Online Course/Outline Submission System

Section #1 General Course Information**Department:**Health Sciences: Allied Health**Submitter**

First Name: Carol

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Course Prefix and Number:EMT - 217**# Credits:**1**Contact hours**

Lecture (# of hours): 11

Lec/lab (# of hours):

Lab (# of hours):

Total course hours: 11

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title:Basic EKG Interpretation I for EMTs**Course Description:**

Presents the student with an introductory overview related to the anatomy and physiology of the heart. It also explores normal electrical conduction as well as common variations as evidenced by changes in the waveform on the cardiac monitoring device. The course will also focus on the student's ability to perform cardiac monitoring via 3, 5 and 12 lead monitoring devices.

Type of Course:Career Technical Preparatory**Reason for the new course:**

To support the development of a new career pathway.

Is this class challengeable?**No**

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s):EMT ER Technician Career Pathway Certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

Yes

Have you talked with the appropriate chair?

Yes (A 'Yes' certifies you have talked with the chair and have received approval.)*

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F Only

Audit:No

When do you plan to offer this course?

✓ **Not every term**

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. define unique characteristics of cardiac system related to anatomy and physiology of the heart,
2. demonstrate understanding of normal electrophysiology of the cardiac system,
3. recognize normal waveforms in the electrical conduction of the cardiac system,
4. identify common variations in the electrical conduction of the cardiac system,
5. distinguish deadly heart rhythms in the electrical conduction of the cardiac system,
6. demonstrate understanding and differences of 3, 5 and 12 lead cardiac monitoring devices;
7. demonstrate understanding of role and responsibilities of person obtaining & or monitoring EKG,
8. perform a 12 lead EKG.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Basic Anatomy and Physiology of the Heart.
2. Electrical Conduction System of the Heart.
3. Basic waveform analysis.
4. Components of obtaining an accurate EKG reading.
5. Role and responsibilities of person obtaining and/or monitoring EKG.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|-----------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | No |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course:0%

First term to be offered:

Next available term after approval

:
