

Clackamas Community College
Online Course/Outline Submission System

NUR-218 Basic EKG Interpretation II

General education certified: Yes No

- Writing
- Oral Communication
- Arts and Letters
- Science & Computer Science
- Mathematics
- Social Science
- Cultural Literacy
- Health & Physical Education

Approved Date (mm/dd/yyyy): / /

Section #1 General Course Information

Department:Health Sciences

Submitter

First Name: Carol
Last Name: Thorn
Phone: 0652
Email: carolt

Course Prefix and Number:NUR - 218

Credits:1

Contact hours

Lecture (# of hours):
Lec/lab (# of hours): 22
Lab (# of hours):
Total course hours: 22

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 II

Course Description:

This course builds upon the knowledge gained in NUR 217. The course will focus on the student's ability to understand and recognize variations in the electrical conduction of the heart as evidenced by changes on the 12-lead EKG. The course will encompass the recognition and treatment modalities of sinus, atrial, junctional and ventricular rhythms as well as heart block. Recognition and treatment of electrical conduction problems related to ischemia, injury and drug/electrolyte imbalances will also be discussed.

Type of Course:Career Technical Preparatory

Reason for the new course:

To provide a more advanced skill set to nurses in the field.

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):Nursing AAS

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?

No

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. identify normal and abnormal electrical conduction waveforms of sinus rhythms,
2. identify normal and abnormal electrical conduction waveforms of atrial rhythms,
3. identify normal and abnormal electrical conduction waveforms of ventricular rhythms,
4. identify normal and abnormal electrical conduction waveforms of junctional rhythms,
5. identify electrical conduction waveforms in various types of heart block,
6. describe the determining factors in the use of different types of pacemakers,
7. demonstrate recognition of changes on 12-lead EKG due to ischemia, injury, metabolic disorders;
8. compare and contrast causes and treatment modalities for various electrical conduction abnormalities related to electrolyte imbalance,
9. compare and contrast causes and treatment modalities for various electrical conduction abnormalities related to tissue ischemia, injury or necrosis.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Components of the EKG.
2. EKG Interpretation.
 - a. Sinus rhythms.
 - b. Atrial rhythms.
 - c. Ventricular rhythms.
 - d. Heart block.
 - e. Ischemia, injury and changes due to metabolic disturbances.
3. Causes and treatment modalities of abnormal heart rhythms.

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**

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