Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Health Sciences: Allied Health

Submitter

First Name: Helen
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Course Prefix and Number: CLA - 125

 # Credits: 2

Contact hours

Lecture (# of hours): 22
Lec/lab (# of hours):
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: Introduction to Clinical Research

Course Description:

An overview of research as applied through clinical studies. Participants will learn elements of proper research techniques as conducted under the supervision of a physician or Ph.D. Required: Student Petition.

Type of Course: Career Technical Preparatory

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): Clinical Laboratory Assitant 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?

Yes

Recommendations:

Requirements: Student must be enrolled in current CLA cohort. Student Petition.

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: Yes

When do you plan to offer this course?

- ☐ Summer
- ☐ Fall
- ☐ Winter
- ☑ **✓ Spring**
- ☐ Not every term
- ☐ Not every year

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.Distinguish and evaluate the difference between basic research and clinical research;
2. verify and illustrate common research terminology, i.e., IRB, Research Coordinator, and other technical terms related to research;
3. describe and evaluate an overview of the history of clinical research and how regulation has developed as a result of poor conduct in research;
4.identify and evaluate the requirements for patient participation in a research study as outlined by a study's inclusion / exclusion criteria;
5.determine and demonstrate standard operation procedures for general conduct of a study;
6. Know difference between science and pseudoscience;
7. Identify and distinguish 5 different unethical practices found in research;
8. Identify "helicopter research" and illustrate the need for indigenous research;
9. Distinguish and illustrate common documents used in research studies;
10. Identify and differentiate the interaction of regulatory agencies with research studies
11. Know the principles of informed consent, pediatric consent, and the protection of vulnerable populations
such as vital signs, ECG's, and venipuncture information as required by the study;
7. identify and distinguish the importance of Serious Adverse Events and Unanticipated Problems for Research Subjects and what they may be;
8. illustrate and standard procedures for entering data into permanent records;
9. distinguish and illustrate common documents used in research studies;
10. identify and differentiate the interaction of regulatory agencies with research studies;
11.Know the principles of informed consent, pediatric consent, and the protection of vulnerable populations.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. History and overview of clinical research
"helicopter research,"
illustrate need for indigenous research
2. ethics of clinical research
3. research protocol
4. preparing regulatory documents
5. consent forms
writing and preparing
informed consent
pediatric consent
protection of vulnerable populations

6. recruitment and retention of patients for purpose of research
7. transferring and monitoring data

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:

Specify term: Spring 2018