

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 - 118

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: Phlebotomy for Clinical Laboratory Assistants

Course Description:

Designed for the clinical laboratory assistant student to provide a broad understanding of blood collection and specimen handling techniques used in ambulatory and medical center laboratories. Also prepares students to perform these tasks effectively and safely in the workplace. Universal and standard precautions and other state and federal laboratory regulations will be addressed. 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 Lab Assistant certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

Yes

Co-reqs: CLA-118L

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

Yes

Recommendations:

Requirements: Student must be admitted into the current CLA cohort. Student Petition.

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

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

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. Use standard operating procedures (SOP) to describe blood collection by capillary (skin) puncture and venipuncture including evacuated tubes, syringes, and winged devices;
2. explain the difference in blood collection techniques for adult and pediatric patients;
3. describe safe and effective specimen collection, handling, and transport and the use of quality assurance techniques to ensure optimum laboratory specimens;
4. evaluate the difference between whole blood, plasma, and serum then list the non-analytical factors affecting blood test results;
5. describe blood vessel anatomy, blood composition, anticoagulants, and specimen requirements for specific tests;
6. identify various types of blood collection equipment and match evacuated tube color to specific additives and anticoagulants;
7. Use laboratory regulations and SOPs to describe personal protective equipment, bio-hazard material handling requirements, and other safety and bloodborne pathogen issues;
8. Explain professionalism, errors, customer service, and ethical and legal considerations.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Bloodborne pathogen and lab safety
2. Blood collection equipment
3. Blood collection techniques and venipuncture & skin puncture
 - a. Vacutainer collection
 - b. Syringe collection
 - c. Winged device collection
4. Plasma, serum, and whole blood
5. Order of draw

- 6. Quality Assurance and QC
- 7. Professionalism
- 8. Pre-analytical complications
- 9. Special procedures
 - a. Bleeding times
 - b. Blood cultures
- 10. Ethical and legal considerations
- 11. Errors and customer satisfaction
- 12. Specimen processing and handling

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: Fall Term 2017
