

Clackamas Community College
Online Course/Outline Submission System

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

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Course Prefix and Number: CLA - 101L

Credits: 1**Contact hours**

Lecture (# of hours):

Lec/lab (# of hours):

Lab (# of hours): 33

Total course hours: 33

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: Clinical Laboratory Assistant Skills Lab I**Course Description:**

CLA-101L is a companion course to CLA-101 and presents the students with a general overview hands-on clinical laboratory skills, including performance of waived testing and specimen processing within the boundary of state and federal regulations. It presents quality assurance practices, insuring a basic understanding of quality laboratory testing. Many of the competencies required in the Core Module of the National Accreditation Agency of Clinical Laboratory Science (NAACLS's) Clinical Assistant Curriculum will be covered.

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

This course is developed due to the requirement to separate out the Lecture time and Laboratory time for each course.

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 Assistant Certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

Yes

Co-reqs: CLA-101

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: Yes

When do you plan to offer this course?

✓ **Fall**

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. demonstrate and assess knowledge of common laboratory terms;
2. demonstrate and explain infection control and personal and patient safety practices as outlined in government mandates;
3. practice, evaluate and examine safe standard operating procedures with regards to collection, handling and processing blood and other body fluids laboratory specimens within the student's scope of practice;
4. prepare and reconstitute reagents, standards and controls according to standard operating procedures;
5. analyze and demonstrate proper performance, and report waived test results, along with control results according to scope of practice;
6. demonstrate and analyze correct established quality control protocols and other quality assurance protocol including equipment maintenance with in the assistant's Scope of practice with particular attention to evaluating pre-analytical, analytical, and post-analytical errors.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Personal and patient safety and infection control
2. Laboratory terminology
3. Metric system
4. Quality assurance in clinical setting
5. Microscopic skills - emphasizing this is not is CLA scope of practice
6. Hemostasis specimen collection & waived testing
 - a. collection techniques and QC
7. Immunology / Immunohematology
 - a. collection techniques and QC
8. Introduction to Urinalysis
 - a. collection techniques
 - b. Physical and chemical waived testing
 - c. QC
9. Introduction to Clinical Chemistry
 - a. Collection and specimen processing
 - b. Point-of-care waived testing
10. Introduction to Microbiology specimen collection techniques.
11. Fecal Occult Blood waived testing
 - a. QC

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
