

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 - 101**# Credits:** 3**Contact hours**

Lecture (# of hours): 33

Lec/lab (# of hours):

Lab (# of hours):

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 I**Course Description:**

Presents the student with the theory of a clinical laboratory and clinical laboratory assistant duties, including state and federal regulations, quality assurance practices, laboratory terminology, staffing, and a basic understanding of waived laboratory testing. The majority of the competencies required in the Core Module of (National Accrediting Agency for Clinical Laboratory Science) NAACLS' Clinical Laboratory Assistant program will be covered. The role of the clinical laboratory in the health care setting will be addressed.

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 Assistant Certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

Yes

Co-reqs: CLA-101L

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

Yes

Recommendations: None

Requirements: Student must be admitted into the current CLA cohort, or instructor consent.

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?

✓ **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. define and illustrate the role of the clinical laboratory assistant in the overall health care system;
2. perform laboratory tasks within the assistant's scope of practice;
3. demonstrate knowledge of common laboratory terms and acronyms;
4. demonstrate knowledge of infection control and personal safety practices as outlined in government mandates,
5. demonstrate and practice standard operating procedures (SOPs) for the safe collection and handling of laboratory specimens, other than blood;
6. prepare blood and body fluids for analysis according to standard procedures;
7. manipulate, prepare, and reconstitute reagents, standards and controls according to SOPs;
8. properly perform tests at the clinical assistant level, according to SOP and scope of practice;
9. perform quality control protocols including maintenance and calibration of laboratory equipment within the clinical assistant's scope of practice;
10. identify and report potential pre and post analytical errors;
11. discuss current trends in laboratory medicine.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Personal and patient safety
2. Epidemiology
3. History of medicine and laboratory

4. Laboratory staffing and credentialing
5. Professionalism
6. Laboratory terminology
7. Metric system
8. Laboratory regulations, including the Clinical Laboratory Improvement Act (CLIA)
9. Quality assurance in the laboratory.
10. Hemostasis specimen collection and testing
 - a. Quality assurance issues
11. Immunology and immunohematology
 - a. Collection techniques and quality assurance
 - b. Blood typing
12. Urinalysis
 - a. Physical/chemical
13. Clinical chemistry
 - a. Collection techniques and quality assurance
 - b. Specimen processing
 - c. Point of care testing
14. Microbiology
 - a. Specimen collection techniques
 - b. Quality assurance issues
15. Fecal occult blood testing
 - a. Quality assurance issues

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

:
