

Clackamas Community College
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Section #1 General Course Information

Department: Health Sciences: Allied Health

Submitter

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Course Prefix and Number: CLA - 102

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 II

Course Description:

This course covers hematology and urinalysis theory the clinical assistant level scope of practice. Correct specimen collection will be emphasized. This course will instruct students to define, assess, and evaluate various waived tests. Accuracy and attention to detail will be stressed. Quality control topics covered include the use of controls, standards, and laboratory protocols.

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?

Yes

Pre-reqs: CLA-100, CLA-101, CLA-101L, CLA-118, CLA-118L, and BI-120 or equivalent.

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

Yes

Co-reqs: CLA-102L

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

Yes

Recommendations:

Requirements: Students must be admitted into the current CLA cohort, or 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?

✓ **Winter**

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 common laboratory terminology;
2. explain infection control and personal safety practices as outlined in federal, state and locally mandated regulations;
3. practice standard operating procedures with regards to collecting specimens other than blood specimens;
4. produce correctly prepared blood and body fluid specimens for analysis according to standard operating procedures;
5. manipulate/prepare/reconstitute reagents, standards and controls according to standard operating procedures;
6. properly perform appropriate waived tests at the clinical assistant level, according to standard operating procedures;
7. perform established quality control protocols, including preventative maintenance and calibration of equipment;
8. access and report potential pre-analytical and post-analytical errors that may occur during specimen collection, labeling, transporting and processing;
9. define and discuss current trends in laboratory medicine.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Urinalysis
 - a. Collection
 - b. Physical examination
 - c. Chemical examination
 - d. Theory of microscopic examination
2. Urine pregnancy
3. Urine toxicology and substance abuse testing
4. CLIA regulations
5. Hematology theory
 - a. Bone marrow
 - b. Blood cells
 - i. Maturation
 - ii. RBC
 - iii. WBC
 - iv. Blood cell disorders

- 1. Leukemia
- 2. Anemia
- c. Perform hematology waived tests
 - i. Hematocrit
 - ii. Hemoglobin
 - iii. Erythrocyte sedimentation rate

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

:
