

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: MA - 117**# 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: Clinical Lab Procedures I**Course Description:**

This theory course is designed to instill a basic understanding of common laboratory terminology and procedures used in a general medical office laboratory to aid the physician in the diagnosis and treatment of disease. Laboratory safety, the prevention of bloodborne disease transmission and scope of practice will be emphasized. First course in the Clinical Laboratory Procedures series.

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): Medical Assistant Certificate

Are there prerequisites to this course?

Yes

Pre-reqs: Pass BI-120, MA-112, MA-145

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: MA-116, MA-117L, MA-118, MA-118L, MTH-054

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

Yes

Recommendations: None

Requirements: Student must be enrolled in current Medical Assistant cohort. 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?

✓ **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. explain common laboratory terminology,
2. explain Federal and State regulations governing laboratories,
3. explain the use and care of equipment used in simple laboratory procedures,
4. explain and evaluate correctly prepared specimens for analysis in the office laboratory, and for transport to a reference laboratory, according to standard operating procedures,
5. explain proper specimen collection techniques to patients,
6. identify normal and abnormal laboratory test results,
7. define standard operating procedures with regards to laboratory safety and blood-borne pathogen protocols.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Laboratory Safety
2. National and State Laboratory Regulations
3. Laboratory Overview
4. Laboratory Personnel
5. Pre-Analytical issues
6. Laboratory Terminology and Mathematics
7. Fundamentals of Microbiology Theory
 - a. Specimen Collection and Handling
 - b. Quality control issues
8. Fundamentals of Urinalysis Theory
 - a. Specimen Collection and Handling
 - b. Physical and Chemical assessment
 - c. Quality Control issues
9. Post-Analytical issues
 - a. Laboratory Reports

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: Winter 2018
