

**Clackamas Community College**

## Online Course/Outline Submission System

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

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**Course Prefix and Number:** MA - 117L

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**# 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.

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**Course Title:** Clinical Lab Procedures I Lab**Course Description:**

This laboratory 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. This is the first course in the Clinical Lab Procedures series.

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

make lab and a lecture course discrete

**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 of completion

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-117, MA-118, MA-118L, MA-116, 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: No**

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.

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***This course does not include assessable General Education outcomes.***

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**Major Topic Outline:****Laboratory Safety**

1. National and state laboratory regulations
2. Pre-analytical issues
3. Laboratory terminology and mathematics
4. Fundamentals of microbiology skills
  - a. Specimen collection and handling
  - b. Quality control issues
5. Fundamentals of urinalysis skills
  - a. Specimen collection and handling
  - b. Physical and chemical assessment
  - c. Quality control issues
6. 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:

**Next available term after approval**

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