



COURSE OUTLINE

Course Number MLA102	Course Title Medical Laboratory Assistant Practicum	Credits 3
Hours: Lecture/Lab/Other (0/0/135)	Pre-requisite MLA 101	Implementation Semester & Year Summer 2023

Catalog description:

Participate in a controlled laboratory environment to learn proper specimen preparation and processing including, but not limited to specimen acceptability, specimen ordering, accessioning, aliquoting, transport, and distribution of collected laboratory specimens to in-house and reference laboratories. Proper training in quality control, waived and point-of-care testing as well as data-entry of clinical specimens using a laboratory information system will be provided.

General Education Category:
Not GenEd

Course coordinator: Lisa Shave 609-570-3387 shavel@mccc.edu

Required texts & Other materials:

No text required

Course Student Learning Outcomes (SLO):

Upon successful completion of this course the student will be able to:

1. Apply legal and regulatory standards, implement infection control, and safety techniques (including appropriate use of equipment), in a clinical setting. (ILG9)
2. Perform routine specimen processing, accessioning, handling and distribution. (ILG1, 3, 4, 8, 10)
3. Practice waived testing and loading of specimens, reagents and controls on analytical instrumentation. (ILG 3, 11)
4. Utilize a laboratory information system in the real-world setting. ILG1, 4, 10)
5. Prepare accurate, legal, and ethical documentation. (ILG 9, 10)
6. Display professional, ethical, and safe behaviors. (ILG 9, 11)

Course-specific Institutional Learning Goals (ILG):

Institutional Learning Goal 1. Written and Oral Communication in English. Students will communicate effectively in both speech and writing.

Institutional Learning Goal 3. Science. Students will use the scientific method of inquiry, through the acquisition of scientific knowledge.

Institutional Learning Goal 4. Technology. Students will use computer systems or other appropriate forms of technology to achieve educational and personal goals.

Institutional Learning Goal 5. Social Science. Students will use social science theories and concepts to analyze human behavior and social and political institutions and to act as responsible citizens.

Institutional Learning Goal 8. Diversity and Global Perspective: Students will understand the importance of a global perspective and culturally diverse peoples

Institutional Learning Goal 9. Ethical Reasoning and Action. Students will understand ethical frameworks, issues, and situations.

Institutional Learning Goal 10. Information Literacy: Students will recognize when information is needed and have the knowledge and skills to locate, evaluate, and effectively use information for college level work.

Institutional Learning Goal 11. Critical Thinking: Students will use critical thinking skills understand, analyze, or apply information or solve problems.

Program Learning Outcomes for Medical Lab Assistant Certificate

1. Apply governmental standards and compliance within the laboratory setting.
2. Demonstrate professional and ethical behaviors along with interpersonal skills when communicating with patients and members of the healthcare team in the workplace.
3. Perform phlebotomy and display safety practices for infection control according to industry standards.
4. Implement quality assurance and quality control principles to specimen transport, specimen processing, and laboratory testing.
5. Prepare reagents, standards, quality control material and human blood/body fluid specimens for analysis according to industry standards.
6. Perform specimen testing using proper procedures, equipment, and techniques.
7. Apply relevant methodologies and techniques including problem solving and troubleshooting for specimen processing and testing.
8. Use a computer to enter and record data into a laboratory information system (LIS).

Evaluation of student learning:

Clinical checklists and evaluation sheets will be completed by the students and preceptors to ensure entry-level competencies are achieved.

Must pass the course with a total grade of 77% (C+) or higher.