



HAGERSTOWN COMMUNITY COLLEGE CURRICULUM FORM

COURSE MODIFICATION

CC#

Prefix	Course #	Course Title	Division	Effective Term
MLT	101	Intro to Medical Laboratory Technician	HS	FA/26
Reason for Course Modification Submission				
<input checked="" type="checkbox"/> Course Change		<input checked="" type="checkbox"/> Other (explain): Updates to Course Title, Course Description, Course Outcomes, Course Credits		
<input type="checkbox"/> Reactivation of Inactive Course				
Rationale for Course Modification				
<p>The revision to the course description and title improves clarity, uses more concise language, and better reflects learning outcomes. It focuses on key skills and provides a broader, more inclusive overview of the course content, aligning with educational standards.</p> <p>Course learning outcomes have been revised to provide a clearer, more focused framework that emphasizes measurable, applied skills aligned with current industry and accreditation standards.</p> <p>The credit hours for this course have been adjusted from 3 to 2 credits to more accurately reflect the instructional time required and the scope of material covered. This change ensures that credit allocation aligns appropriately with course content, learning outcomes, and workload expectations.</p>				
Please Indicate all Changes				
<input type="checkbox"/> Prerequisite	<input checked="" type="checkbox"/> Course Description	<input checked="" type="checkbox"/> Other Learning Outcomes		
<input type="checkbox"/> Co-Requisite	<input checked="" type="checkbox"/> Credits - From: 3 To: 2	<input checked="" type="checkbox"/> Course Title		
<input type="checkbox"/> Course #	<input checked="" type="checkbox"/> Contact Hrs for:	<input checked="" type="checkbox"/> Load for:		
	Lecture From: 30 To: 15	Lecture From: 30 To: 15		
	Lab From: 45 To: 45	Lab From: 33.75 To: 33.75		
	Clinical From: 0 To: 0	Clinical From: 0 To: 0		
CURRENT Course Information <i>**(Copy/Paste from Catalog)</i>				



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COURSE MODIFICATION

CC#

MLT-101 Intro to Medical Lab Tech (3 Credits)

This course introduces students to the role that the Medical Laboratory Technician plays within the healthcare system. This course covers a general overview of the departments of the clinical laboratory and laboratory personnel, laboratory safety, infection control, glassware and equipment, medical terminology, and mathematics as they apply to laboratory science. Students will develop familiarity with the blood bank and the collection of bodily fluids. Students review the skills needed to draw blood and prepare specimens for testing.

Requisites:

Take MAT-090, MAT-095, or appropriate score on the placement test; AND RDG-095 or an appropriate score on the placement test. - Must be completed prior to taking this course.

Take MLT-101L. - Must be taken at the same time as this course.

Take BIO-116. - Must be taken either prior to or at the same time as this course.

Semesters Offered

Fall Only, All Years

Student Learning Course Outcomes:

Upon successful completion of this course, students will be able to:

1. Outline introductory knowledge requirements in hematology, blood banking, coagulation, urinalysis, serology, chemistry and microbiology disciplines and identify and relate basic lab procedures, and quality assurance, performing necessary calculations.
2. Demonstrate an understanding of laboratory safety by identifying potential hazard, listing adequate precautions, properly using personal protective equipment and safety equipment.
3. Operate, calibrate, and maintain standard laboratory instruments and equipment;
4. Identify and define common laboratory terms, abbreviations, and basic medical terms;
5. Perform basic specimen collection and processing procedures;
 6. Discuss the use of clinical laboratory data in the diagnosis and treatment of patients;
 7. Recognize and practice professional behavior as defined by the rules, regulations and instruction of the program; and
 8. Discuss the organization and function of a laboratory, its personnel and accrediting agencies.

PROPOSED Course Information *** (PLEASE put changes in red)*



HAGERSTOWN COMMUNITY COLLEGE CURRICULUM FORM

COURSE MODIFICATION

CC#

MLT-101 Intro to Medical Laboratory Technician Technology (2 Credits)

This course introduces students to the role that the Medical Laboratory Technician plays within the healthcare system. This course covers a general overview of the departments **and personnel** of the clinical laboratory **and laboratory personnel**, laboratory safety, infection control, glassware and equipment, medical terminology, and mathematics as they apply to laboratory science. Students will develop **familiarity** knowledge and skills necessary to collect quality specimens and prepare them for testing. ~~with the blood bank and the collection of bodily fluids. Students review the skills needed to draw blood and prepare specimens for testing.~~

Requisites:

Take MAT-090, MAT-095, or appropriate score on the placement test; AND RDG-095 or an appropriate score on the placement test. - Must be completed prior to taking this course.

Take MLT-101L. - Must be taken at the same time as this course.

Take BIO-116. - Must be taken either prior to or at the same time as this course.

Semesters Offered

Fall Only, All Years

Student Learning Course Outcomes:

Upon successful completion of this course, students will be able to:

1. Apply principles of quality control and quality assurance in laboratory operations, and evaluate pre-analytical, analytical, and post-analytical variables that may affect test results.
2. Calculate laboratory values using algebraic formulas and statistical measures.
3. Demonstrate compliance with regulatory requirements and apply infection control and biosafety practices to prevent exposure to bloodborne pathogens.
4. Demonstrate proper specimen collection, handling, labeling, and transport to ensure specimen integrity and patient safety.
5. Utilize appropriate vocabulary to effectively communicate with health care teams.

If this Course is adding/removing developmental requisites, have you confirmed this change with Developmental Education? *(please have them sign below)*

Date:

Developmental Education Director/Faculty:

APPROVAL SIGNATURES

Date:

Requesting Faculty: Shawnda Coon

09/30/2025

Requesting Division Director: Jeffrey Telemeco

10/13/2025

Curriculum Committee Co-Chair:

VPAASS, Co-Chair: