

Medical Laboratory Technology (AAS-MLT)

Campus Location: Atmore

Nursing and Allied Health Department

Length: Five Semesters (A.A.S. Degree)

This is a daytime program that prepares individuals, under the supervision of clinical laboratory scientists/medical technologists, to perform routine medical laboratory procedures and tests and to apply preset strategies to record and analyze data. Includes instruction in general laboratory procedures and skills; laboratory mathematics; medical computer applications; interpersonal and communications skills; and the basic principles of hematology, medical microbiology, immunohematology, immunology, clinical chemistry, and urinalysis.

Admission Requirements

1. Unconditional admission to the College and in good standing (minimum 2.0 cumulative GPA)
2. Submit transcripts from all colleges attended and high school transcript to the registrar or admissions by program application deadline
3. Submit a completed Medical Laboratory Technology Program application by stated deadline.
4. Hold a minimum GPA of 2.5 is required on a 4.0 scale on the prerequisite academic courses: English Composition I (ENG 101), Mathematical Applications (MTH116) or higher-level Math such as MTH 100 or MTH 112, Principles of Biology (BIO103), and General Psychology (PSY 200). A minimum grade of a 'C' is required for all courses in the Medical Laboratory Technology curriculum.
5. Submit ACT score (no minimum required)
6. Meet *Essential Eligibility Criteria*

Completion of the above requirements does not guarantee admission to the program. Prospective students are rank ordered based on a point system to determine acceptance into the program.

Students are selected based on the following point system:

1. Three points are awarded for an A, two for a B, and one for a C in ENG 101, MTH 116 or higher-level math such as MTH 100 or 112, BIO 103, and PSY 200.
2. Three points each are awarded for completion of BIO 201 and/or BIO 202 with a C or higher.
3. Points are awarded equivalent to the student's ACT composite score.

Once selected for the program, students are required to provide the following: drug screen, background check, physical exam documenting ability to perform essential eligibility criteria, immunization records, and proof of medical insurance. A minimum grade of C is required in all required courses to progress in the program.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

ACCREDITATION: Coastal Alabama Community College is applying for initial accreditation for the Medical Laboratory Technology program through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Students' eligibility to take some certification examinations may depend on whether or not the program achieves "serious applicant" status. Completion of the AAS degree is not contingent on passing an external certification or licensure exam.

NAACLS

5600 North River Rd, Suite 720

Rosemont, IL 60018-5119

773-714-8880

<https://www.naacls.org/about.aspx>

Subject: Nursing and Allied Health

Type: A.A.S.

Courses Required for Program Application

ORI 101 may not be required for those with prior college coursework. The Humanities elective may be taken in any semester. All core academic courses are recommended to be taken prior to the start of MLT courses. A higher-level Math will substitute for MTH 116. Click on the title for more information.

Item #	Title	Credits
BIO 103	Principles of Biology I	4
ENG 101	English Composition I	3
MTH 116	Mathematical Applications	3
ORI 101	Orientation to College	1
PSY 200	General Psychology	3

Semester One (Spring)

Item #	Title	Credits
BIO 201	Human Anatomy and Physiology I	4
MLT 111	Urinalysis	3
MLT 131	Laboratory Techniques	4
MLT 181	MLT Clinical Immunology	2

Semester Two (Summer)

Item #	Title	Credits
BIO 202	Human Anatomy and Physiology II	4
MLT 141	MLT Microbiology I	5
MLT 151	MLT Clinical Chemistry	5

Semester Three (Fall)

Item #	Title	Credits
MLT 121	Hematology and Body Fluids	6
MLT 142	MLT Microbiology II	3
MLT 191	MLT Immunohematology	5

Complete Graduation Application

Complete the graduation application and begin the process of a review of your degree plan before your final semester.

Semester Four (Spring)

Item #	Title	Credits
MLT 293	MLT Clinical Seminar	2
MLT 294	Medical Laboratory Practicum Hematology and Urinalysis	2
MLT 295	Medical Laboratory Practicum Microbiology	2
MLT 296	Medical Laboratory Practicum Immunohematology	2
MLT 297	Medical Laboratory Practicum Chemistry and Immunology	2
	Humanities and Fine Arts Elective (I)	3
	Total credits:	68