



Associate of Science in Medical Laboratory Technology – 2505

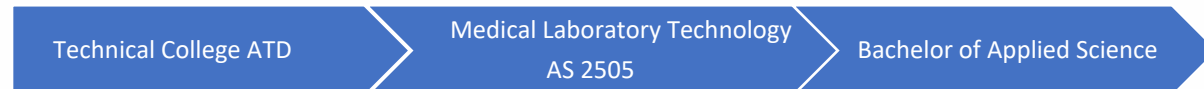
CAREER PATHWAY: [SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH \(STEM\)](#)

Location(s): [Most courses for this program are offered at all BC locations. Specialized courses are offered at Central Campus.](#)

Program Entrance Requirements: Students **must** be graduates from Marion Technical College, Erwin Technical Center (College), Sheridan Technical College or a similar Medical Laboratory Technology program with an Advanced Technology Diploma (ATD).

Program Description: The Medical Technology Associate of Science degree program was developed specifically to enable Medical Laboratory Technician Certificate/Advanced Technology Diploma (ATD) graduates to continue their education and qualify for higher level positions in the clinical laboratory field or higher degrees such as the bachelor's degree. AS program graduates will be able to work with less direct supervision and perform more difficult procedures than would be expected of an ATD graduate. They will be eligible to take state and national certifying exams that require education above the ATD level. Visit program's [website](#) for additional information

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Additional Program Information: Students with the appropriate ATD will be awarded 40 credits toward the AS in Medical Laboratory Technology. The credits will be awarded for the following courses:

• MLT1022	Introduction to Medical Technology	2
• MLT1022L	Introduction to Medical Technology	1
• MLT1040	Phlebotomy	1
• MLT1044L	Phlebotomy Clinical	1
• MLT2362	Hematology and Body Fluid Analysis	4
• MLT2362L	Hematology and Body Fluid Analysis Lab	2
• MLT2400	Medical Microbiology	4
• MLT2400L	Medical Microbiology	3
• MLT2530	Immunology/Immunochemistry	4
• MLT2530L	Immunology/Immunochemistry	2
• MLT2807L	Immunochemistry Clinical Practicum	3
• MLT2809L	Hematology Clinical Practicum	3
• MLT2810L	Clinical Chemistry Practicum	3
• MLS2811L	Microbiology Clinical Practicum	3
• MLS2930	Seminar	4
ATD Total		40

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RECOMMENDED COURSE SEQUENCE

Full Time	Part Time	Course ID	Description	Credits
Term 1	Term 1	ENC1101	Composition I	3
		MAC1105C* OR	College Algebra OR	3
		MAC1105	College Algebra with Co-requisite	3
Term 2	Term 2	EVR1261	Air Pollution	3
		PSC1121 OR	Physical Science OR	3
		PHY1001	Applied Physics	3
Term 2	Term 3	ENC1102	Composition II	3
		EVR1858	Environmental Regulations	3
	Term 4	CHM1045	General Chemistry I	3
CHM1045L		General Chemistry I Lab	1	
		Elective	Elective course	3**
Term 3	Term 5	GE Course	General Education Humanities	3
		GE Course	General Education Speech	3
Term 4	Term 6	BSC2010	Introduction to Biology I	3
		BSC2010L	Introduction to Biology I Lab	1
		GEO2370	Conservation of Natural Resources	3
Term 5	Term 7	GIS1040C	Introduction to Geographical Information Systems I	3
		ORH2527	Florida Flora and Ecosystem Landscapes	3
Term 5	Term 8	SWS2242C	Wetlands Management	3
		EVR2930	Environmental Science Seminar	3
	Term 9	Electives	Electives courses	6
GE Course		General Education Social/Behavioral Sciences	3	
Term 6	Term 10	Elective ***	Science elective specialization (lecture + lab)	4
		EVR2949	Co-op Internship	3
Total ATD Credits Hours				40
Total Credit Hours				76

Notes: * MAC1105C is a 5-credit course. Students who register for this course must see an advisor to discuss their academic plan

**Electives – Students must complete 9 credits of electives. Students may have to take CGS1060C to meet the Digital Literacy requirement. Students must choose electives from the following courses - CHM1040, CHM1041, GLY1010, GLY1010L, GIS1000, GIS1030, GIS1042C, STA2023, and GIS1047C.

*** Science Electives include a lecture science course and a lab from the following options: BOT2010 & BOT2010L, BSC2011 & BSC20111L, MCB2010 & MCB2010L, or ZOO2010 & ZOO2010L. Please note that some specialized courses are offered only in fall or spring terms.

This is only a recommended course sequence. Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

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PROGRAM HIGHLIGHTS



CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...



RELATED INDUSTRY CERTIFICATIONS

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses: N/A



GET CAREER READY

After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

[Get an Internship](#)

[Virtual Job Shadow Tool](#)



MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has [Career Coach](#) & the [Career Ladders](#). These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder!



FUND YOUR EDUCATION

This Program is [Financial Aid](#) eligible. [Scholarships](#) may be available.

GET STARTED TODAY!

START APPLICATION



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