Earn your associate degree from Edison State Community College and then transfer seamlessly to Wright State University to earn your bachelor's degree.

**Edison State Community College** 

to

**Wright State University** 

**Medical Laboratory Technician Associate of Applied Science** 



Medical Laboratory Science
Bachelor of Science



Students interested in Wright Path program benefits will apply to the program through Wright State website at **wright.edu/wrightpath/edison-state**.

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ALH	101S	1	Introduction to Health Care	BIO 2100 General Elective Credit	1
ALH	151S	3	Health Care Medical Terminology	BIO 1010	3
BIO	126S	4	Anatomy & Physiology II	General Elective Credit  ANT 2120 (Substitutes for ANT 3120 Requirement upon Completion of MLT Associate Degree and MLT Certification)	4
BIO	240S + 241S	2+1	Microbiology Microbiology Lab	BIO 2200 (Substitutes for BIO 3100 and 3110 Requirements upon Completion of MLT Associate Degree and MLT Certification)	3
СНМ	111S	3	Basic Chemistry of Life Processes	CHM 1020  General Elective Credit	3
COM	121S	3	Introduction to Communication	COM 1010  General Elective Credit	3
ENG	121S	3	Composition I	ENG 1100 Element 1: Communication	3
MLT	121S	3	Introduction to Laboratory Medicine	MLB 4110 + 4111 + Elective	1+0.5+1.5
MLT	135S	3	Urinalysis and Body Fluids	MLB 4210 + 4211 + Elective	1+0.5+1.5
MLT	211S	1	Immunology	MLB 2XXX  General Elective Credit	1
MLT	230S	4	Clinical Chemistry	MLB 2XXX (Substitutes for MLB 4510 and 4511 Requirements upon Completion of MLT Associate Degree and MLT Certification)	4

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SUBJECT	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
MLT	235S	4	Immunology & Blood Bank	MLB 2XXX (Substitutes for MLB 4810 and 4811 Requirements upon Completion of MLT Associate Degree and MLT Certification)	4
MLT	245S	4	Clinical Microbiology & Parasitology	MLB 3XXX (Satisfies Upper- Level Elective Requirements upon Completion of MLT Associate Degree and MLT Certification)	4
MLT	250S	4	Clinical Hematology & Hemostasis	Upper-Level Elective  MLB 4310 + 4311  + Elective	2+1+1
MLT	291L + 291R	4+2	Directed Practice I Directed Practice Seminar I	MLB 4010 (Substitutes for MLB 4330 and 4530 Requirements upon Completion of MLT Associate Degree and MLT Certification)	6
MLT	292L + 292R	4+3	Directed Practice I Directed Practice Seminar I	MLB 4010 + Elective Upper-Level Elective + General Elective Credit	4+3
MTH	125S	3	General Statistics	STT 2640 Element 2: Mathematics	3
PSY	121S	3	Introduction to Psychology	PSY 1010 Element 5: Social Science	3
		3	One Ohio Transfer 36 Arts & Humanities Course (from List Below)	Element 3: Global Traditions or Element 4: Arts/Humanities	3
TOTAL		65			65

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Associate of Applied Science		Bachelor of Science

Choose one Ohio Transfer 36 Arts and Humanities course from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ART 123S	3	Ancient Art History	ART 2110	3
ART 124S	3	Art History: The Modern Era	ART 2120	3
ENG 123S	3	Introduction to Literature	ENG 1XXX	3
ENG 205S	3	Great Books	ENG 2040	3
ENG 221S	3	American Literature I	ENG 3310	3
ENG 222S	3	American Literature II	ENG 3320	3
ENG 241S	3	British Literature I – Middle Ages/Restoration	ENG 3210 or ENG 3220	3
ENG 242S	3	British Literature II – Romantics/ 20 <sup>th</sup> Century	ENG 3230	3
HST 224S	3	African American History Since 1619	HST 2XXX	3
HUM 121S	3	Introduction to Humanities	HUM 1XXX	3
MUS 120S	3	Music Appreciation	MUS 2140	3
MUS 127S	3	Music as a World Phenomenon	MUS 2420 Element 3: Global Traditions	3
PHI 121S	3	Introduction to Philosophy	PHL 2050	3
PHI 123S	3	Introduction to Ethics	PHL 3110	3
REL 121S	3	World Religions	REL 2320 Element 3: Global Traditions	3
THE 121S	3	Introduction to Theatre	TH 2140	3

- All students with declared medical laboratory science major are automatically admitted as Pre-Medical Laboratory Science students.
- In order to be admitted fully as a medical laboratory science major at Wright State, students will need to achieve a cumulative GPA of a 2.7, demonstrate proof of MLT certification [by the American Society of Clinical Pathology (ASCP)], and apply for admission to the Medical Laboratory Science program with three letters of recommendation (2 science professors and 1 employer or advisor) by November 1 of the junior year/year three. A personal interview will be required.
- Students are required to begin their Wright State Medical Laboratory Science program in summer term of the fourth year/year four if accepted.
- Students must earn a C or higher in all courses in biological sciences, chemistry, and mathematics.
- 141.5 hours minimum are required for a BS degree at Wright State.

**Total Credit Hours for Associate Degree: 65** 

Edison State Community College	to	Wright State University	
Medical Laboratory Technician		Medical Laboratory Science	
Associate of Applied Science		<b>Bachelor of Science</b>	

Students must complete the following coursework at Edison State prior to transferring in order to graduate from Wright State in a timely manner:

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO	121S	4	Intro Biology: Cells/Genetics/ Evolution	BIO 1120 Element 6: Natural Science	4
СНМ	121S	5	General Chemistry I	CHM 1210 + 1210L Additional Core Course	3+2
СНМ	122S	5	General Chemistry II	CHM 1220 + 1220L Additional Core Course	3+2
ENG	122S	3	Composition II	ENG 2100 Element 1: Communication	3
MTH	122S	3	College Algebra	MTH 1280 General Elective Credit	3
TOTAL		20			20

Though MTH 1280 College Algebra is not a required course for the bachelor's degree, students
are expected to have the competency in college algebra in order to successfully complete BIO,
CHM, and MLB courses at Wright State. Students may demonstrate the competency through
math placement test through Wright State.

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		THIRD YEAR	
Wright St	tate Unive	rsity	
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
		SUMMER SEMESTER	
BIO	2120	Cell Biology	3
		FALL SEMESTER	
BIO	2110	Principles of Molecular and Classical Genetics	3
CHM	2110	Organic Chemistry I	3
CHM	2110L	Organic Chemistry I Lab	2
CLS	1500,	Introduction to Greek and Roman Culture	3
HST	1100, or	Western Civilizations to 1500	
HST	1200	The West and the World Since 1500	
		Element 3: Global Traditions	
		Element 3: Global Traditions or Element 4: Arts/Humanities  Multicultural Competence	3
		Integrated Writing	
		SPRING SEMESTER	
BIO	1150	Organisms and Ecosystems	4
		Element 6: Natural Science	
BIO	2140	Introduction to Cell Biology Lab	2.5
CHM	2120	Organic Chemistry II	3
CHM	2120L	Organic Chemistry II Lab	2
		Element 5: Social Science	3
		Multicultural Competence	
		Integrated Writing	
Total Hou	ırs:		31.5

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		FOURTH YEAR			
Wright St	ate Unive	rsity			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS		
		SUMMER SEMESTER			
MLB	4410	Hemostasis	1		
MLB	4411	Hemostasis Lab	0.5		
MLB	4710	Basic Diagnostic Microbiology	3.5		
MLB	4711	Basic Diagnostic Microbiology Lab	1.5		
		FALL SEMESTER			
MLB	4320	Advanced Hematology	2		
MLB	4520	Advanced Clinical Chemistry	2		
MLB	4610	Serology	1		
MLB	4611	Serology Lab	0.5		
SPRING SEMESTER					
BIO	4000	Senior Capstone/Independent Study	1		
		Integrated Writing			
MLB	4720	Advanced Diagnostic Microbiology	2		
MLB	4730	Diagnostic Microbiology Practicum	3		
MLB	4820	Advanced Immunohematology	2		
MLB	4830	Immunohematology Practicum	3		
MLB	4990	Medical Laboratory Operations and Education	2		
		Integrated Writing			
<b>Total Hour</b>	s:		25		

**Total Credit Hours for Bachelor's Degree: 141.5** 

# 1.ADMISSIONS AND DEADLINES

#### Join the Wright Path Program

Students interested in applying to the Wright Path must submit a request for membership at wright.edu/wrightpath/edison-state.

High school students must have completed their junior year before applying to the Wright Path, and current Edison State students must have a minimum 2.0 GPA.

#### Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Edison State in order to transfer to Wright State.

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Wright State processes applications as they are received. To help you make a smooth and timely transition, we recommend you submit your application by the following dates:

Fall Semester: April 1
Spring Semester: October 15
Summer Semester: February 1

Students must apply for undergraduate admission one semester prior to completing their studies at Edison State.

Students must by the end of spring semester of their third year/year three (prior to taking MLB courses at Wright State).

In order to be admitted fully as a medical laboratory science major at Wright State, students will need to achieve a cumulative GPA of a 2.7, demonstrate proof of MLT certification [by the American Society of Clinical Pathology (ASCP)], and apply for admission to the Medical Laboratory Science program with three letters of recommendation (2 science professors and 1 employer or advisor) by November 1 of the junior year/year three. A personal interview will be required.

Students are required to begin their Wright State Medical Laboratory Science program in summer term of the fourth year/year four if accepted.

Students must earn a C or higher in all courses in biological sciences, chemistry, and mathematics.

# 2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Center 3640 Colonel Glenn Hwy. 138 Student Union 3640 Colonel Glenn Hwy. Dayton, OH 45435 937-775-5700 transfer@wright.edu

# 3. CONTACT INFORMATION

Edison State Community College Coordinator of Transfer Pathways Advising Wright State University Transfer Center

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Student Services Room #160 1973 Edison Dr. 937-778-7844

138 Student Union 3640 Colonel Glenn Hwy. Dayton, OH 937-775-5700

This agreement will expire two years from date of signature.

Melissa A. Wertz, Ed

6 March 2023 Date

Amy Thompson, Ph.D.

3/7/2023

**Provost** 

Edison State Community College

Date Provost and Senior Vice President for Academic Affairs

Wright State University