

# WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

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**

**Associate of Science**

**Mathematics with General  
Mathematics, Applied Mathematics, or  
Data Science Concentration  
Bachelor of Science**



Students interested in Wright Path program benefits will apply to the program through Wright State website at [wright.edu/edisonstate](http://wright.edu/edisonstate).

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
CIS	110S	3	Computer Concepts and Applications	CS 1010 <small>General Elective Credit</small>	3
CIS	221S	3	Java Programming I <small>Elective</small>	CS 1180 <small>Related Course Requirement</small>	3
COM	121S	3	Introduction to Communication	COM 1010 <small>Element A: Communication</small>	3
ENG	121S	3	Composition I	ENG 1100 <small>Element A: Communication</small>	3
ENG	122S	3	Composition II <small>Ohio Transfer 36 Elective</small>	ENG 2100 <small>Element A: Communication</small>	3
MTH	221S	5	Calculus/Analytical Geometry I <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36</small>	MTH 2300 + Elective <small>Element B: Mathematics + General Elective Credit</small>	4+1
MTH	222S	5	Calculus/Analytical Geometry II <small>Elective</small>	MTH 2310 + Elective <small>Element B: Mathematics + General Elective Credit</small>	4+1
MTH	223S	5	Calculus/Analytical Geometry III <small>Elective</small>	MTH 2320 + General Elective Credit	4+1
MTH	231S	4	Differential Equations <small>Elective</small>	MTH 2330 + General Elective Credit	3+1
MTH	2XXS	3	Elementary Linear Algebra <small>Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)</small>	MTH 2530	3
MTH	2XXS	3	Writing Mathematical Proofs <small>Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)</small>	MTH 2800	3
MUS	127S or	3	Music as a World Phenomenon	MUS 2420 or	3

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REL	121S		World Religions Arts & Humanities Ohio Transfer 36 Diversity	REL 2320 Element C: Arts and Humanities	
PHY	241S	5	Science and Engineering Physics I (Data Science Concentration students may select another Ohio Transfer 36 approved Natural & Physical Science course) Natural & Physical Sciences Ohio Transfer 36	PHY 2400 + 2400L Element E: Natural Science	4+1
PHY	242S	5	Science and Engineering Physics II (Data Science Concentration students may select another Ohio Transfer 36 approved Natural & Physical Science course) Natural & Physical Sciences Ohio Transfer 36	PHY 2410 + 2410L Element E: Natural Science	4+1
		3	<b>One Ohio Transfer 36 Arts &amp; Humanities Course (from List Below)</b>	Element C: Arts and Humanities	3
		3	<b>One Ohio Transfer 36 Social &amp; Behavioral Science History Course (from List Below)</b>	Element C: Arts and Humanities - History	3
		3	<b>One Ohio Transfer 36 Social &amp; Behavioral Science Course That Is Not History (from List Below)</b>	Element D: Social and Behavioral Science	3
<b>TOTAL</b>		<b>62</b>			<b>62</b>

- 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

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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 <small>Inclusive Excellence</small>	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	3
THE 121S	3	Introduction to Theatre	TH 2140	3

- Choose one Ohio Transfer 36 Social and Behavioral Science history course from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
HST 121S	3	United States History to 1877	HST 2110	3
HST 122S	3	United States History Since 1877	HST 2120	3
HST 125S	3	Western Civilization to 1715	HST 1100	3
HST 126S	3	Western Civilization Since 1715	HST 1200	3

- Choose one Ohio Transfer 36 Social and Behavioral Science course that is not history from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ANT 121S	3	Introduction to Anthropology	ATH 2150 <small>Global Inquiry Inclusive Excellence</small>	3
ECO 120S	3	Fundamentals of Economics	EC 2000	3
ECO 221S	3	Principles of Microeconomics	EC 2040	3
ECO 222S	3	Principles of Macroeconomics	EC 2050	3
GEO 121S	3	Physical Geography	GEO 2100	3
GEO 123S	3	Human Geography	GEO 2200	3

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EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
PLS 121S	3	American National Government	PLS 2120	3
PLS 122S	3	State & Local Government	PLS 3220	3
PSY 121S	3	Introduction to Psychology	PSY 1010	3
SOC 121S	3	Introduction to Sociology	SOC 2000	3
SOC 224S	3	Race & Ethnicity	<small>Inclusive Excellence</small> SOC 3620	3

- If PHY 241S and/or 242S are not offered at Edison, students are strongly recommended to take the course(s) at Wright State using SOCHE Cross Registration program.
- Data Science Concentration students may select other Ohio Transfer 36 approved Natural and Physical Sciences courses than PHY 241S and 242S. Consult with both Wright State and Edison State academic advisors.
- All students with declared Mathematics major are automatically admitted as Pre-Mathematics students.
- In order to be admitted fully as a mathematics major at Wright State, students will need to earn a cumulative GPA of a 2.0 at Wright State.
- Students must earn a C or higher in MTH 221S at Edison State.
- 120 hours minimum are required for a BS degree at Wright State.

FIRST YEAR							
Edison State Community College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
CIS	110S	Computer Concepts and Applications	3	CS	1010	Introduction to Computers and Office Productivity Software <small>General Elective Credit</small>	3
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading <small>Element A: Communication</small>	3
MTH	221S	Calculus/Analytical Geometry I <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36</small>	5	MTH	2300	Calculus I <small>Element B: Mathematics + General Elective Credit</small>	4+1
MUS REL	127S or 121S	Music as a World Phenomenon World Religions <small>Arts &amp; Humanities Ohio Transfer 36 Diversity</small>	3	MUS REL	2420 or 2320	Comparative Nonwestern Cultures: Music Nonwestern Religions <small>Element C: Arts and Humanities</small>	3
SPRING SEMESTER							

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FIRST YEAR							
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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
CIS	221S	Java Programming I <small>Elective</small>	3	CS	1180	Computer Science I <small>Related Course Requirement</small>	3
ENG	122S	Composition II <small>Ohio Transfer 36 Elective</small>	3	ENG	2100	Research Writing and Argumentation <small>Element A: Communication</small>	3
MTH	222S	Calculus/Analytical Geometry II <small>Elective</small>	5	MTH	2310	Calculus II <small>Element B: Mathematics + General Elective Credit</small>	4+1
		Ohio Transfer 36 Social & Behavioral Science History Course	3			Element C: Arts and Humanities - History	3
SUMMER SEMESTER							
		Ohio Transfer 36 Social & Behavioral Science Course That Is Not History	3			Element D: Social and Behavioral Science	3
Total Hours:			31	Total Hours:			31

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SECOND YEAR							
Edison State Community College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
MTH	223S	Calculus/Analytical Geometry III <small>Elective</small>	5	MTH	2320	Calculus III + General Elective Credit	4+1
MTH	231S	Differential Equations <small>Elective</small>	4	MTH	2330	Differential Equations + General Elective Credit	3+1
PHY	241S	Science and Engineering Physics I (Data Science Concentration students may select another Ohio Transfer 36 approved Natural & Physical Science course) <small>Natural &amp; Physical Sciences Ohio Transfer 36</small>	5	PHY	2400 + 2400L	General Physics I + General Physics I Lab <small>Element E: Natural Science</small>	4+1
		Ohio Transfer 36 Arts & Humanities Course	3			Element 4: Arts/Humanities	3
SPRING SEMESTER							
COM	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address <small>Element A: Communication</small>	3
PHY	242S	Science and Engineering Physics II (Data Science Concentration students may select another Ohio Transfer 36 approved Natural & Physical Science course) <small>Natural &amp; Physical Sciences Ohio Transfer 36</small>	5	PHY	2410 + 2410L	General Physics II + General Physics II Lab <small>Element E: Natural Science</small>	4+1
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	MTH	2530	Elementary Linear Algebra	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	MTH	2800	Writing Mathematical Proofs	3
<b>Total Hours:</b>			<b>31</b>	<b>Total Hours:</b>			<b>31</b>

**Total Credit Hours for Associate Degree: 62**

## BACHELOR OF SCIENCE (GENERAL MATHEMATICS)

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
MTH	4510	Modern Algebra I	3
		MTH/STT Elective 3000/4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit	3
		General Elective Credit	3
<b>SPRING SEMESTER</b>			
MTH	4520	Modern Algebra II	3
		MTH/STT Elective 3000/4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit	3
<b>Total Hours:</b>			<b>30</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
MTH	4310	Real Variables I	3
		MTH/STT Elective 3000/4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
<b>SPRING SEMESTER</b>			
MTH	4320	Real Variables II	3
		MTH/STT Elective 3000/4000 Level	3
		MTH/STT Elective 4000 Level	3
		General Elective Credit	3
		General Elective Credit	4
<b>Total Hours:</b>			<b>28</b>

**Total Credit Hours for Bachelor's Degree: 120**

## APPLIED MATHEMATICS CONCENTRATION

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
ME PHY	2210 or 3710	Dynamics Analytical Mechanics	3
MTH	4310	Real Variables I	3
		MTH/STT Elective 3000/4000 Level	3
		Advanced Technical Elective	3
		General Elective Credit	3
<b>SPRING SEMESTER</b>			
MTH MTH STT	3060, 3330, or 3600	Mathematical Modeling Partial Differential Equations Applied Statistics I	3
MTH MTH STT	3060, 3330, or 3600	Mathematical Modeling Partial Differential Equations Applied Statistics I	3
		Advanced Technical Elective	3
		General Elective Credit	3
<b>Total Hours:</b>			<b>27</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
MTH	3320	Complex Variables	3
MTH	4810	Continuous Dynamical Systems	3
		MTH/STT Elective 3000/4000 Level	3
		General Elective Credit	6
<b>SPRING SEMESTER</b>			
		MTH/STT Elective 4000 Level	3
		MTH/STT Elective 4000 Level	3
		Advanced Technical Credit	3
		General Elective Credit	3
		General Elective Credit	4
<b>Total Hours:</b>			<b>31</b>



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## DATA SCIENCE CONCENTRATION

### THIRD YEAR

#### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
CS	1300	Data Science for Everyone	4
STT	3600	Applied Statistics I	3
		MTH/STT Elective 2000/3000/4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit	3
<b>SPRING SEMESTER</b>			
CS	1160 or 1181	Introduction to Computer Programming Computer Science I	4
MTH	3060	Mathematical Modeling	3
		MTH/STT Elective 3000/4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit	3
<b>Total Hours:</b>			<b>32</b>

### FOURTH YEAR

#### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
MTH	4310	Real Variables I	3
		MTH/STT Elective 3000/4000 Level	3
		MTH/STT Elective 4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
<b>SPRING SEMESTER</b>			
STT	4640	Machine Learning	3
		MTH/STT Elective 4000 Level	3
		General Elective Credit (Foreign Language Study Is Recommended)	3
		General Elective Credit	5
<b>Total Hours:</b>			<b>26</b>

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## 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/edisonstate](http://wright.edu/edisonstate).

High school students must be close to graduating 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.

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:	<b>April 1</b>
Spring Semester:	<b>October 15</b>
Summer Semester:	<b>February 1</b>

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

In order to be admitted fully as a mathematics major at Wright State, students will need to earn a cumulative GPA of a 2.0 at Wright State.

Students must earn a C or higher in MTH 221S at Edison State.

## 2. TUITION AND SCHOLARSHIPS

*Students interested in scholarship opportunities at Wright State should contact:*

Transfer Center

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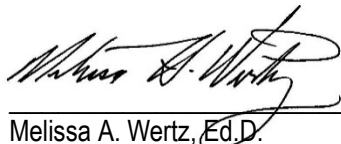
138 Student Union  
3640 Colonel Glenn Hwy.  
Dayton, OH 45435  
937-775-5700  
transfer@wright.edu

## 3. CONTACT INFORMATION

**Edison State Community College**  
**Coordinator of Transfer Pathways Advising**  
**Student Services Room #160**  
**1973 Edison Dr., Piqua, OH**  
**937-778-7844**

**Wright State University**  
**Transfer Center**  
**138 Student Union**  
**3640 Colonel Glenn Hwy. Dayton, OH**  
**937-775-5700**

This agreement will expire two years from date of signature.



18 November 2024

Melissa A. Wertz, Ed.D.  
Provost  
Edison State Community College



11/18/2024

Amy Thompson, Ph.D.  
Provost and Senior Vice President for Academic Affairs  
Wright State University