

# 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**



**Computer Engineering  
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](http://wright.edu/wrightpath/edison-state).

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	211S	3	Operating System Concepts <small>Elective</small>	CEG 2350	3
CIS	221S	3	Java Programming I <small>Elective</small>	CS 1180	3
CIS	222S	3	Java Programming II <small>Elective</small>	CS 1181	3
COM	121S	3	Introduction to Communication	COM 1010 <small>General Elective Credit</small>	3
ENG	121S	3	Composition I	ENG 1100 <small>Element 1: Communication</small>	3
ENG	125S	3	Technical Writing <small>Elective</small>	EGR 3350 <small>Element 1: Communication</small>	3
HST	125S or 126S	3	Western Civilization to 1715 Western Civilization Since 1715 <small>Social &amp; Behavioral Science Ohio Transfer 36 Elective</small>	HST 1100 or HST 1200 <small>Element 3: Global Traditions</small>	3
MTH	221S	5	Calculus/Analytical Geometry I <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small>	MTH 2300 + Elective <small>Element 2: Mathematics + General Elective Credit</small>	4+1
MTH	222S	5	Calculus/Analytical Geometry II <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small>	MTH 2310 + Elective <small>Additional Core Course + General Elective Credit</small>	4+1
MUS REL	127S or 121S	3	Music as a World Phenomenon World Religions <small>Arts &amp; Humanities Ohio Transfer 36 Elective Diversity</small>	MUS 2420 or REL 2320 <small>Element 3: Global Traditions</small>	3
PHY	241S	5	Science and Engineering Physics I <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	PHY 2400 + 2400L <small>Element 6: Natural Science</small>	4+1
PHY	242S	5	Science and Engineering Physics II <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	PHY 2410 + 2410L <small>Element 6: Natural Science</small>	4+1

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		4	Discrete Structures and Their Algorithms <small>Elective</small>	CS 2200 (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	4
		3	<b>One Ohio Transfer 36 Arts &amp; Humanities Course or Social &amp; Behavioral Sc (from List Below)</b>	Element 4: Arts/Humanities	3
		3	<b>One Ohio Transfer 36 Social &amp; Behavioral Sciences Course (from List Below)</b>	Element 5: Social Science	3
		4-5	<b>One Ohio Transfer 36 Natural &amp; Physical Science Course (from List Below)</b>	Additional Core Course	4-5
<b>TOTAL</b>		<b>61-62</b>			<b>61-62</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
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
MUS 120S	3	Music Appreciation	MUS 2140	3
MUS 127S or REL 121S	3	Music as a World Phenomenon World Religions	MUS 2420 or REL 2320	3
PHI 121S	3	Introduction to Philosophy	PHL 2050	3
PHI 123S	3	Introduction to Ethics	PHL 3110	3

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

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EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ANT 121S	3	Introduction to Anthropology	ATH 2150	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
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
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	SOC 3620	3

- Choose one Ohio Transfer 36 Natural & Physical Science course from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO 121S	4	Intro Biology: Cells/Genetics/ Evolution	BIO 1120	4
BIO 122S	4	Animals, Plants, Ecology	BIO 1150	4
CHM 121S	5	General Chemistry I	CHM 1210 + 1210L	3+2
CHM 122S	5	General Chemistry II	CHM 1220 + 1220L	3+2
GLG 121S	4	Physical Geology	EES 2510	4
GLG 122S	4	Historical Geology/Contemporary Topics	EES 2550	4

- All students with declared computer engineering major are automatically admitted as Pre-Computer Engineering students.
- In order to be admitted fully as a computer engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25.
- 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.
- Students must earn a C or higher in ENG 121S, CIS 221S, and CIS 222S at Edison State.
- Students must earn a C or higher in CS 2200 or MTH 2570 at Wright State.

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- CEG 2350 equivalent at Wright State will be awarded for CIS 211S at Edison effective fall 2019. Students must complete both CIS 211S and 212S at Edison to earn credit for CEG 2350 at Wright State if taken prior to fall 2019.
- 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+2
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
HST	125S or 126S	Western Civilization to 1715 Western Civilization Since 1715 <small>Social &amp; Behavioral Science Ohio Transfer 36 Elective</small>	3	HST	1100 or 1200	Western Civilization to 1500 The West and the World Since 1500 <small>Element 3: Global Traditions</small>	3
		Arts & Humanities Ohio Transfer 36 Elective	3			Element 4: Arts/Humanities	3
SPRING SEMESTER							
CIS	211S	Operating System Concepts <small>Elective</small>	3	CEG	2350	Operating System Concepts and Usage	3
CIS	221S	Java Programming I <small>Elective</small>	3	CS	1180	Computer Science I	3
ENG	125S	Technical Writing <small>Elective</small>	3	EGR	3350	Technical Communications for Engineers and Scientists <small>Element 1: Communication</small>	3
MTH	221S	Calculus/Analytical Geometry I <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small>	5	MTH	2300	Calculus I <small>Element 2: Mathematics + General Elective Credit</small>	4+1
SUMMER SEMESTER							
		Social & Behavioral Sciences Ohio Transfer 36 Course	3			Element 5: Social Science	3
<b>Total Hours:</b>			<b>29</b>	<b>Total Hours:</b>			<b>29</b>

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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							
CIS	222S	Java Programming II <small>Elective</small>	3	CS	1180	Computer Science II	3
MTH	222S	Calculus/Analytical Geometry II <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small>	5	MTH	2310	Calculus II <small>Additional Core Course + 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 Elective Diversity</small>	3	MUS REL	2420 or 2320	Comparative Nonwestern Cultures: Music Nonwestern Religions <small>Element 3: Global Traditions</small>	3
PHY	241S	Science and Engineering Physics I <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	5	PHY	2400 + 2400L	General Physics I + General Physics I Lab <small>Element 6: Natural Science</small>	4+1
SPRING SEMESTER							
COM	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address <small>General Elective Credit</small>	3
PHY	242S	Science and Engineering Physics II <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	5	PHY	2410 + 2410L	General Physics II + General Physics II Lab <small>Element 6: Natural Science</small>	4+1
		Natural & Physical Science Ohio Transfer 36 Course	4-5			Additional Core Course	4-5
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	4	CS	2200	Discrete Structures and Their Algorithms	4
<b>Total Hours:</b>			<b>32-33</b>	<b>Total Hours:</b>			<b>32-33</b>

**Total Credit Hours for Associate Degree: 61-62**

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
CEG	3310	Computer Organization	4
CEG	3320	Digital System Design	4
EE	2010	Analog Circuit Theory	3
EE	2010L	Analog Circuit Theory Lab	1
<b>SPRING SEMESTER</b>			
CEG	4330	Microprocessor-Based Embedded Systems	4
CS	1000	Technology and Society <small>Element 3: Global Traditions</small>	3
CS	3100	Data Structures and Algorithms	3
MTH	2350	Differential Equations with Matrix Algebra	4
<b>Total Hours:</b>			<b>26</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
CEG	4980	Team Projects I	3
CEG/CS		Technical Elective 4000 Level	3
CEG/CS/ EE		Technical Elective 4000 Level	3
EE	3310	Electronic Devices and Circuits	3
EE	3310L	Electronic Devices and Circuits Lab	1
ISE STT	2211 or 3600	Statistics for Engineers Applied Statistics I	3
<b>SPRING SEMESTER</b>			
CEG	4350	Operating System Internals and Design	3
CEG	4981	Team Projects II	3
CEG/CS		Technical Elective 4000 Level	3
EE	3210	Linear Systems I	3
		General Elective Credit	4-5
<b>Total Hours:</b>			<b>32-33</b>

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

# 1. ADMISSIONS AND DEADLINES

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## ***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](http://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.

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 computer engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25.

Students must earn a C or higher in ENG 121S, CIS 221S, and CIS 222S at Edison State.

## **2. TUITION AND SCHOLARSHIPS**

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

Transfer Center  
138 Student Union  
3640 Colonel Glenn Hwy.  
Dayton, OH 45435  
937-775-5700  
[transfer@wright.edu](mailto:transfer@wright.edu)

## **3. CONTACT INFORMATION**

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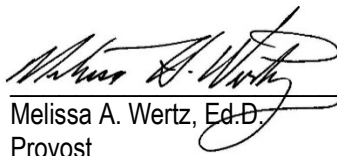
Associate of Science

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**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.



6 March 2023

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

Date



3/7/2023

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

Date