

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/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	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 A: Communication</small>	3
ENG	125S	3	Technical Writing <small>Elective</small>	EGR 3350 <small>Element A: Communication</small>	3
MTH	221S	5	Calculus/Analytical Geometry I <small>Mathematics, Statistics, & 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>Mathematics, Statistics, & Logic Ohio Transfer 36</small>	MTH 2310 + Elective <small>Element B: Mathematics + General Elective Credit</small>	4+1
MUS REL	127S or 121S	3	Music as a World Phenomenon World Religions <small>Arts & Humanities Ohio Transfer 36 Diversity</small>	MUS 2420 or REL 2320 <small>Element C: Arts and Humanities</small>	3
PHY	241S	5	Science and Engineering Physics I <small>Natural & Physical Sciences Ohio Transfer 36</small>	PHY 2400 + 2400L <small>Element E: Natural Science</small>	4+1
PHY	242S	5	Science and Engineering Physics II <small>Natural & Physical Sciences Ohio Transfer 36</small>	PHY 2410 + 2410L <small>Element E: Natural Science</small>	4+1
		4	Discrete Structures and Their Algorithms <small>Elective</small>	CS 2200 (Completed at Wright State through SOCHE Agreement)	4

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				While Studying at Edison State)	
		3	One Ohio Transfer 36 Arts & Humanities Course (from List Below)	Element C: Arts and Humanities	3
		3	One Ohio Transfer 36 Social & Behavioral Science History Course (from List Below)	Element C: Arts and Humanities - History	3
		3	One Ohio Transfer 36 Social & Behavioral Science Course That Is Not History (from List Below)	Element D: Social and Behavioral Science	3
		4-5	One Ohio Transfer 36 Natural & Physical Sciences Course (from List Below)	Element E: Natural Science	4-5
TOTAL		61-62			61-62

- 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 th 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	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:

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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
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 <small>Inclusive Excellence</small>	3
SOC 224S	3	Race & Ethnicity	SOC 3620	3

- Choose one Ohio Transfer 36 Natural Sciences 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

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- 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.
- 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 A: Communication</small>	3
		Ohio Transfer 36 Social & Behavioral Science History Course	3			Element C: Arts and Humanities - History	3
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and 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 A: Communication</small>	3
MTH	221S	Calculus/Analytical Geometry I <small>Mathematics, Statistics, & Logic Ohio Transfer 36</small>	5	MTH	2300	Calculus I <small>Element B: Mathematics + General Elective Credit</small>	4+1
SUMMER SEMESTER							
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element D: Social and Behavioral Science	3
Total Hours:			29	Total Hours:			29

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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, & Logic Ohio Transfer 36</small>	5	MTH	2310	Calculus II <small>Element B: Mathematics + General Elective Credit</small>	4+1
MUS REL	127S or 121S	Music as a World Phenomenon World Religions <small>Arts & 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
PHY	241S	Science and Engineering Physics I <small>Natural & 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
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 & 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
		Ohio Transfer 36 Natural & Physical Sciences Course	4-5			Element E: Natural Science	4-5
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	4	CS	2200	Discrete Structures and Their Algorithms	4
Total Hours:			32-33	Total Hours:			32-33

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
FALL SEMESTER			
CEG	3310	Computer Organization	4
CEG EE	3320 or 2000 + 2000L	Digital System Design Digital Design with HDL Digital Design with HDL with Lab	4 or 3+1
EE	2010	Analog Circuit Theory	3
EE	2010L	Analog Circuit Theory Lab	1
SPRING SEMESTER			
CEG EE	4330 or 4620 + 4620L	Microprocessor-Based Embedded Systems Digital Integrated Circuit Design with PLDs and FPGAs Digital Integrated Circuit Design with PLDs and FPGAs Lab	4 or 3+1
CS	1000	Technology and Society <small>Element D: Social and Behavioral Science Global Inquiry Inclusive Excellence Integrated Writing</small>	3
CS	3100	Data Structures and Algorithms	3
MTH	2350	Differential Equations with Matrix Algebra	4
Total Hours:			26

FOURTH YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
CEG	4980	Team Projects I	3
CEG/CS		Technical Elective	3
CEG/CS		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
SPRING SEMESTER			
CEG	4350	Operating System Internals and Design	3
CEG	4981	Team Projects II	3
CEG/CS		Technical Elective 4000 Level	3
CEG/CS		Technical Elective 4000 Level	3
EE	3210	Continuous Linear Systems	3
		General Elective Credit	1-2
Total Hours:			32-33

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Total Credit Hours for Bachelor's Degree: 120

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.

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:	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.

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

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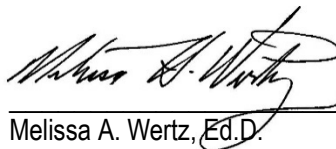
transfer@wright.edu

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.



26 September 2024

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

Date



9/26/2024

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

Date