

# 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  
(Dayton or Lake Campus)**



**Mechanical Engineering with  
Mechanics Track  
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
CHM	121S	5	General Chemistry I <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	CHM 1210 + 1210L <small>Additional Core Course</small>	3+2
CIS	110S	3	Computer Concepts and Applications	CS 1010 <small>General Elective Credit</small>	3
COM	121S	3	Introduction to Communication	COM 1010 <small>Additional Core Course</small>	3
ELT	110S	3	Circuits I <small>Elective</small>	EE 1XXX <small>General Elective Credit</small>	3
ELT	210S	3	Circuits II <small>Elective</small>	EE 2010 + 2010L <small>CECS Courses</small>	2+1
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 Sciences 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>Elective</small>	MTH 2310 + Elective <small>Other Course Requirement + General Elective Credit</small>	4+1
MTH	223S	5	Calculus/Analytical Geometry III <small>Elective</small>	MTH 2320 + Elective <small>Other Course Requirement + 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

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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
PSY	121S	3	Introduction to Psychology <small>Social &amp; Behavioral Sciences Ohio Transfer 36 Elective</small>	PSY 1010 <small>Element 5: Social Science</small>	3
		3	Engineering Programming with Matlab <small>Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)</small>	ME 1020 <small>Department Courses</small>	3
		3	Engineering Design and Solid Modeling <small>Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)</small>	ME 1040 <small>Department Courses</small>	3
		3	<b>One Ohio Transfer 36 Arts &amp; Humanities Course (from List Below)</b>	Element 4: Arts/Humanities	3
<b>TOTAL</b>		<b>66</b>			<b>66</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

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HST 224S	3	African American History Since 1619	HST 3700	3
HUM 121S	3	Introduction to Humanities	HUM 1XXX	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

- 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.
- All students with declared mechanical engineering major are automatically admitted as Pre-Mechanical Engineering students.
- In order to be admitted fully as a mechanical engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25 at Wright State, as well as a cumulative GPA of 2.25 in non-elective courses explicitly listed in the program of study at Wright State.
- Students must earn a C or higher in CHM 121S, ENG 121S, MTH 221S, and PHY 241S at Edison State.
- Students must earn a C or higher in ME 1020 at Wright State.
- 124 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							
CHM	121S	General Chemistry I <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	5	CHM	1210 + 1210L	General Chemistry I + Lab <small>Additional Core Course</small>	3+2
CIS	110S	Computer Concepts and Applications	3	CS	1010	Introduction to Computers and Office Productivity Software <small>General Elective Credit</small>	3
ELT	110S	Circuits I <small>Elective</small>	3	EE	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit</small>	3
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
SPRING SEMESTER							

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
HST	125S or 126S	Western Civilization to 1715 Western Civilization Since 1715 <small>Social &amp; Behavioral Sciences Ohio Transfer 36 Elective</small>	3	HST	1100 or 1200	Western Civilizations to 1500 The West and the World Since 1500 <small>Element 3: Global Traditions</small>	3
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
MTH	221S	Calculus/Analytical Geometry I <small>Mathematics, Statistics, &amp; Logic Ohio Transfer 36 Elective</small>	5	MTH	2300	Calculus I + Elective <small>Element 2: Mathematics + General Elective Credit</small>	4+1
PSY	121S	Introduction to Psychology <small>Social &amp; Behavioral Sciences Ohio Transfer 36 Elective</small>	3	PSY	1010	Introduction to Psychology <small>Element 5: Social Science</small>	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	ME	1040	Engineering Design and Solid Modeling <small>Department Courses</small>	3
SUMMER SEMESTER							
		Arts & Humanities Ohio Transfer 36 Course	3			Element 4: Arts/Humanities	3
<b>Total Hours:</b>			<b>34</b>	<b>Total Hours:</b>			<b>34</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							
COM	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address <small>Additional Core Course</small>	3
ENG	125S	Technical Writing <small>Elective</small>	3	EGR	3350	Technical Communications for Engineers and Scientists <small>Element 1: Communication</small>	3
MTH	222S	Calculus/Analytical Geometry II <small>Elective</small>	5	MTH	2310	Calculus II + Elective <small>Other Course Requirement + General Elective Credit</small>	4+1
PHY	241S	Science and Engineering Physics I <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	5	PHY	2400 + 2400L	General Physics I + Lab <small>Element 6: Natural Science</small>	4+1
SPRING SEMESTER							
ELT	210S	Circuits II <small>Elective</small>	3	EE	2010 + 2010L	Analog Circuit Theory + Lab <small>CECS Courses</small>	2+1
MTH	223S	Calculus/Analytical Geometry III <small>Elective</small>	5	MTH	2320	Calculus III + Elective <small>Other Course Requirement + General Elective Credit</small>	4+1
PHY	242S	Science and Engineering Physics II <small>Natural &amp; Physical Science Ohio Transfer 36 Elective</small>	5	PHY	2410 + 2410L	General Physics II + Lab <small>Element 6: Natural Science</small>	4+1
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	ME	1020	Engineering Programming with Matlab <small>Department Courses</small>	3
<b>Total Hours:</b>			<b>32</b>	<b>Total Hours:</b>			<b>32</b>

**Total Credit Hours for Associate Degree: 66**

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
ME	2120	Statics	3
ME	2700	Structure and Properties of Materials I	3
ME	3310	Thermodynamics I	3
MTH	2350	Differential Equations with Matrix Algebra	4
<b>SPRING SEMESTER</b>			
ME	2210	Dynamics	3
ME	3120	Mechanics of Materials	3
ME	3600	Experimental Measurements and Instrumentation	3
<b>Total Hours:</b>			<b>22</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
ME	3350	Fluid Dynamics	3
ME	4120	Finite Element Analysis	3
ME	4140	Mechanical Design I	3
		Technical Elective	3
<b>SPRING SEMESTER</b>			
ME	3210	Systems Dynamics	3
ME	3360	Heat Transfer	3
		Technical Elective	3
<b>Total Hours:</b>			<b>21</b>

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FIFTH YEAR			
Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
ME	4210	Mechanical Vibration	3
ME	4150	Mechanical Design II	3
ME	4910	Capstone Design I	2
SPRING SEMESTER			
ME	4920	Capstone Design II	2
		Senior Lab	2
		Technical Elective	3
<b>Total Hours:</b>			<b>15</b>

Total Credit Hours for Bachelor's Degree: 124

## 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](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: **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.

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## 2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

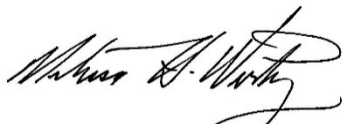
Transfer Center  
138 Student Union  
3640 Colonel Glenn Hwy.  
Dayton, OH 45435  
937-775-5700  
transfer@wright.edu

## 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.



6 March 2023

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



3/7/2023

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