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

General Pathway

Associate of Science

to

Wright State University (Dayton or Lake Campus)

Mechanical Engineering with Manufacturing, Mechanics, or Thermal Fluids Track
Bachelor of Science

This transfer guide was updated on July 1, 2026.

Students interested in Wright Path program benefits will apply to the program through Wright Path program page.

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE EQUIVALENT	WRIGHT STATE CREDIT HOUR
CHM	121S	5	General Chemistry I Natural & Physical Sciences Ohio Transfer 36	CHM 1210 + 1210L Other Course Requirement	3+2
CIS	110S	3	Computer Concepts and Applications	CS 1010 General Elective Credit	3
COM	121S	3	Introduction to Communication	COM 1010 Element A: Communication	3
ELT	110S + 210S	3+3	Circuits I + Circuits II Elective	EE 2010 + 2010L + Elective CECS Courses + General Elective Credit	3+1+2
ENG	121S	3	Composition I	ENG 1100 Element A: Communication	3
MTH	221S	5	Calculus/Analytical Geometry I Mathematics, Statistics, & Logic Ohio Transfer 36	MTH 2300 + Elective Element B: Mathematics + General Elective Credit	4+1
MTH	222S	5	Calculus/Analytical Geometry II Elective	MTH 2310 + Elective Other Course Requirement + General Elective Credit	4+1
MTH	223S	5	Calculus/Analytical Geometry III Elective	MTH 2320 + Elective Other Course Requirement + General Elective Credit	4+1
PHY	241S	5	Science and Engineering Physics I Natural & Physical Sciences Ohio Transfer 36	PHY 2400 + 2400L Element E: Natural Science	4+1
PHY	242S	5	Science and Engineering Physics II Natural & Physical Sciences Ohio Transfer 36	PHY 2410 + 2410L Element E: Natural Science	4+1

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PSY	121S	3	Introduction to Psychology Social & Behavioral Science Ohio Transfer 36	PSY 1010 Element D: Social and Behavioral Science	3
		4	Introductory Mathematics for Engineering Applications Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	EGR 1010 Major Requirement	4
		3	Engineering Programming with Matlab Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	ME 1020 Major Requirement	3
		3	Engineering Design and Solid Modeling Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	ME 1040 Major Requirement	3
		6	**Two Ohio Transfer 36 Arts & Humanities Courses from Different Subjects**	Element C: Arts and Humanities	6
		3	**One Ohio Transfer 36 Social & Behavioral Science History Course**	Element C: Arts and Humanities - History	3
TOTAL		**67**			**67**

- Choose two Ohio Transfer 36 Arts & Humanities courses from different subjects from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE EQUIVALENT	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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EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE EQUIVALENT	WRIGHT STATE CREDIT HOUR
ENG 242S	3	British Literature II – Romantics/ 20th Century	ENG 3230	3
HST 127S	3	Greek Civilization	HST 1XXX	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 & Behavioral Science history course from:

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE EQUIVALENT	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

- 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.
- 133 hours minimum are required for a BS degree at Wright State.

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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 Natural & Physical Sciences Ohio Transfer 36	5	CHM	1210 + 1210L	General Chemistry I + Lab Other Course Requirement	3+2
CIS	110S	Computer Concepts and Applications	3	CS	1010	Introduction to Computers and Office Productivity Software General Elective Credit	3
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	4	EGR	1010	Introductory Mathematics for Engineering Applications Major Requirement	4
SPRING SEMESTER							
MTH	221S	Calculus/Analytical Geometry I Mathematics, Statistics, & Logic Ohio Transfer 36	5	MTH	2300	Calculus I + Elective Element B: Mathematics + General Elective Credit	4+1
PSY	121S	Introduction to Psychology Social & Behavioral Science Ohio Transfer 36	3	PSY	1010	Introduction to Psychology Element D: Social and Behavioral Science	3
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and Humanities	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	ME	1040	Engineering Design and Solid Modeling Major Requirement	3
SUMMER SEMESTER							
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and Humanities	3
		Ohio Transfer 36 Social & Behavioral Science History Course	3			Element C: Arts and Humanities - History	3
Total Hours:			**35**	**Total Hours:**			**35**

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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 Element A: Communication	3
ELT	110S	Circuits I Elective	3	EE	1XXX	Non-Equivalent Transfer Course (EE 2010 and 2010L Are Awarded after Completing Both ELT 110S and 210S) General Elective Credit	2
MTH	222S	Calculus/Analytical Geometry II Elective	5	MTH	2310	Calculus II + Elective Other Course Requirement + General Elective Credit	4+1
PHY	241S	Science and Engineering Physics I Natural & Physical Sciences Ohio Transfer 36	5	PHY	2400 + 2400L	General Physics I + Lab Element E: Natural Science	4+1
SPRING SEMESTER							
ELT	210S	Circuits II Elective	3	EE	2010 + 2010L	Analog Circuit Theory + Lab (EE 2010 and 2010L Are Awarded after Completing Both ELT 110S and 210S) CECS Courses	3+1
MTH	223S	Calculus/Analytical Geometry III Elective	5	MTH	2320	Calculus III + Elective Other Course Requirement + General Elective Credit	4+1
PHY	242S	Science and Engineering Physics II Natural & Physical Sciences Ohio Transfer 36	5	PHY	2410 + 2410L	General Physics II + Lab Element E: Natural Science	4+1
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Edison State)	3	ME	1020	Engineering Programming with Matlab Major Requirement	3
Total Hours:			**32**	**Total Hours:**			**32**

Total Credit Hours for Associate Degree: 67

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THIRD YEAR			
Wright State University			
SUBJECT CODE	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**
FALL SEMESTER			
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
UVC	1025	US Civic Literacy Civics Requirement	3
SPRING SEMESTER			
EGR ENG	3350 or 2140	Technical Communications for Engineers and Computer Scientists or Research, Technical Writing, and Presentation for Scientists and Engineers Element A: Communication	3
ME	2210	Dynamics	3
ME	3120	Mechanics of Materials	3
ME	3600	Experimental Measurements and Instrumentation	3
Total Hours:			**28**

FOURTH YEAR			
Wright State University			
SUBJECT CODE	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**
FALL SEMESTER			
ME	3350	Fluid Mechanics	3
ME	4140	Mechanical Design I	3
		Technical Elective	3
SPRING SEMESTER			
ME	3210	System Dynamics	3
ME	3360	Heat Transfer	3
		Track Course	3
		Technical Elective	3
Total Hours:			**21**

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FIFTH YEAR			
Wright State University			
SUBJECT CODE	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**
FALL SEMESTER			
ME	4910	Capstone Design I	3
		Track Course	3
		Technical Elective	3
SPRING SEMESTER			
ME	4920	Capstone Design II	3
		Senior Lab	2
		Track Course	3
Total Hours:			**17**

Total Credit Hours for Bachelor's Degree: 133

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 Path program page.

High school students can begin applying to the Wright Path Program in their senior year in high school.

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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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.

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.

8/1/2026

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

8/1/2026

Jim Denniston, Ph.D. Date
Provost and Vice President of Academic Affairs
Wright State University