

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
Manufacturing 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.

| 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 & 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 & 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, & 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 & 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 & 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 & 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 & 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 | One Ohio Transfer 36 Arts & Humanities Course (from List Below) | Element 4: Arts/Humanities | 3 |
| TOTAL | | 66 | | | 66 |

- 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 |

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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 & 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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| 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 |
| HST | 125S or 126S | Western Civilization to 1715 Western Civilization Since 1715 <small>Social & 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 & 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, & 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 & 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 |
| Total Hours: | | | 34 | Total Hours: | | | 34 |

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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 & 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 & 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 |
| Total Hours: | | | 32 | Total Hours: | | | 32 |

Total Credit Hours for Associate Degree: 66

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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 |
| SPRING SEMESTER | | | |
| ME | 2210 | Dynamics | 3 |
| ME | 3120 | Mechanics of Materials | 3 |
| ME | 3600 | Experimental Measurements and Instrumentation | 3 |
| Total Hours: | | | 22 |

FOURTH YEAR

Wright State University

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
|------------------------|---------------|---------------------|--------------|
| FALL SEMESTER | | | |
| ME | 3350 | Fluid Dynamics | 3 |
| ME | 4140 | Mechanical Design I | 3 |
| | | Track Course | 3 |
| | | Track Course | 3 |
| SPRING SEMESTER | | | |
| ME | 3210 | Systems Dynamics | 3 |
| ME | 3360 | Heat Transfer | 3 |
| | | Technical Elective | 3 |
| | | Technical Elective | 3 |
| Total Hours: | | | 24 |

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| FIFTH YEAR | | | |
|-------------------------|---------------|--------------------|--------------|
| Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | |
| ME | 4910 | Capstone Design I | 2 |
| | | Track Course | 3 |
| SPRING SEMESTER | | | |
| ME | 4920 | Capstone Design II | 2 |
| | | Senior Lab | 2 |
| | | Technical Elective | 3 |
| Total Hours: | | | 12 |

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.

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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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

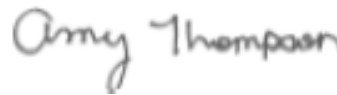
This agreement will expire two years from date of signature.



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