

WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

Earn your associate degree from Sinclair College and then transfer seamlessly to Wright State University to earn your bachelor's degree.

Sinclair College

Wright State University

to

**Engineering and Engineering
Technology University Transfer
Associate of Science**

Mechanical Engineering

Bachelor of Science



Students interested in Wright Path program benefits will apply to the program through the Wright State website at wright.edu/wrightpath/sinclair.

| SUBJECT CODE | COURSE NUMBER | SINCLAIR CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------|---------------|----------------------|---|--|--------------------------|
| CHE | 1211 | 5 | General Chemistry I <small>Engineering Transfer Elective</small> | CHM 1210 + 1210L <small>Additional Core Course</small> | 3+2 |
| COM | 2211 | 3 | Effective Public Speaking | COM 1010 <small>General Elective Credit</small> | 3 |
| EGR | 1101 | 4 | Introductory Math for Engineering Applications <small>Engineering Transfer Elective</small> | EGR 1010 <small>Additional Core Course</small> | 4 |
| ENG | 1101 | 3 | English Composition I | ENG 1100 <small>Element 1: Communication</small> | 3 |
| HIS | 1111 or 1112 | 3 | Western Civilization I Western Civilization II <small>Arts & Humanities Ohio Transfer 36 Elective</small> | HST 1100 or HST 1200 <small>Element 3: Global Traditions</small> | 3 |
| MAT | 2270 | 5 | Calculus and Analytic Geometry I | MTH 2300 + Elective <small>Element 2: Mathematics + General Elective Credit</small> | 4+1 |
| MAT | 2280 | 5 | Calculus and Analytic Geometry II | MTH 2310 + Elective <small>Other Course Requirement + General Elective Credit</small> | 4+1 |
| MAT | 2330 | 5 | Differential Equations and Linear Algebra | MTH 2350 + Elective <small>Other Course Requirement + General Elective Credit</small> | 4+1 |
| MEE | 2101 | 3 | Statics for Engineers <small>Engineering Transfer Elective</small> | ME 2120 | 3 |
| MET | 1301 | 4 | SolidWorks Basics <small>Engineering Transfer Elective</small> | ME 1040 + General Elective Credit | 3+1 |
| PHY | 2201 | 5 | General Physics I | PHY 2400 + 2400L <small>Element 6: Natural Science</small> | 4+1 |
| PHY | 2202 | 5 | General Physics II | PHY 2410 + 2410L <small>Element 6: Natural Science</small> | 4+1 |
| PHY | 2210 | 3 | MATLAB for Scientists & Engineers | ME 1020 | 3 |

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| | | | | | |
|--------------|--|-----------|--|-------------------------------|-----------|
| | | | Engineering Transfer Elective | | |
| | | 3 | One Ohio Transfer 36 Arts & Humanities Course | Element 4: Arts/Humanities | 3 |
| | | 6 | Two Ohio Transfer 36 Social & Behavioral Sciences Courses from Two Different Subjects | Element 5: Social Science | 6 |
| TOTAL | | 62 | | | 62 |

- Choose one Ohio Transfer 36 Arts & Humanities course from (Consult with your Sinclair and Wright State advisors for additional course options):

| SINCLAIR COURSE | SINCLAIR CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|-----------------|----------------------|---|-------------------------|--------------------------|
| ART 1110 | 3 | Art Appreciation: Introduction to Art & Art Media | ART 2140 | 3 |
| ART 2230 | 3 | Art History: Ancient through Medieval Periods | ART 2110 | 3 |
| ART 2231 | 3 | Art History: Renaissance through Contemporary Periods | ART 2120 | 3 |
| ART 2235 | 3 | History of Photography | ART 2XXX | 3 |
| ART 2236 | 3 | History of Women Artists | ART 2XXX | 3 |
| ART 2237 | 3 | History of American Arts | ART 2XXX | 3 |
| ART 2238 | 3 | History of African Art | RST 2XXX | 3 |
| DAN 1155 | 3 | Dance History | DAN 2510 + 2520 | 3 |
| DAN 1157 | 3 | Dance Appreciation | DAN 1XXX | 3 |
| HUM 1125 | 3 | Introduction to the Humanities | HUM 1XXX | 3 |
| HUM 1130 | 3 | Humanity & the Challenge of Technology | CS 1XXX | 3 |
| HUM 1131 | 3 | The Search for Utopia | PHL 1XXX | 3 |
| HUM 1135 | 3 | Environmental Ethics | EES 2600 | 3 |
| HUM 1140 | 3 | Appalachian Folkways | HST 1XXX | 3 |
| HUM 1141 | 3 | Appalachian History & Culture | UNK 1XXX | 3 |
| LIT 2201 | 3 | British Literature I | ENG 3210 or ENG 3220 | 3 |
| LIT 2202 | 3 | British Literature II | ENG 3230 | 3 |
| LIT 2211 | 3 | American Literature I | ENG 3310 | 3 |

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|----------|---|--|----------|---|
| LIT 2212 | 3 | American Literature II | ENG 3320 | 3 |
| LIT 2217 | 3 | Images of Women in Literature | ENG 2XXX | 3 |
| LIT 2220 | 3 | Introduction to Literature | ENG 2XXX | 3 |
| LIT 2230 | 3 | Great Books of the Western World | ENG 2040 | 3 |
| LIT 2234 | 3 | Literature of Africa, Asia & Latin America | ENG 2310 | 3 |
| LIT 2236 | 3 | African-American Literature | ENG 2050 | 3 |
| LIT 2400 | 3 | Children's & Adolescent Literature | ENG 2XXX | 3 |
| MUS 1121 | 3 | Music Appreciation | MUS 2140 | 3 |
| MUS 1123 | 3 | World Music | MUS 2420 | 3 |
| MUS 2117 | 3 | Surveys of Musical Styles I | MUS 1210 | 3 |
| MUS 2118 | 3 | Survey of Musical Styles II | MUS 2XXX | 3 |
| PHI 2204 | 3 | Great Books: Philosophy | PHL 2040 | 3 |
| PHI 2205 | 3 | Introduction to Philosophy | PHL 2050 | 3 |
| PHI 2206 | 3 | Introduction to Ethics | PHL 3110 | 3 |
| REL 1111 | 3 | Eastern Religions | REL 2320 | 3 |
| REL 1112 | 3 | Western Religions | REL 2070 | 3 |
| REL 1135 | 3 | American Religious Movements | REL 1XXX | 3 |
| REL 2204 | 3 | Great Books: The Bible & Western Culture | REL 2040 | 3 |
| REL 2255 | 3 | People & Religion | REL 2XXX | 3 |
| THE 1101 | 3 | Theatre Appreciation | TH 2140 | 3 |
| THE 1105 | 3 | Introduction to Theatre | TH 1XXX | 3 |
| THE 2201 | 3 | History of Theatre I | TH 2XXX | 3 |
| THE 2202 | 3 | History of Theatre II | TH 2XXX | 3 |

- Choose two Ohio Transfer 36 Social and Behavioral Sciences courses from (Consult with your Sinclair and Wright State advisors for additional course options):

| SINCLAIR COURSE | SINCLAIR CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|------------------------|-----------------------------|--------------------------------|---|---------------------------------|
| AFR 1100 | 3 | African-American Studies | AFS 2000 <small>Element 3: Global Traditions</small> | 3 |
| ECO 2160 | 3 | Principles of Macroeconomics | EC 2050 | 3 |
| ECO 2180 | 3 | Principles of Microeconomics | EC 2040 | 3 |
| GEO 1101 | 3 | Global Forces, Local Diversity | GEO 2200 | 3 |

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|-----------------|----------------------|--|---|--------------------------|
| GEO 1102 | 4 | Earth's Physical Environment | GEO 2100 + Elective | 3+1 |
| GEO 1201 | 3 | World Regional Geography: People, Places & Globalization | GEO 3300 | 3 |
| HIS 2219 | 3 | Survey of the Middle East | RST 2910 <small>Element 3: Global Traditions</small> | 3 |
| PLS 1120 | 3 | American Federal Government | PLS 2120 | 3 |
| PLS 1232 | 3 | State & Local Government | PLS 3220 | 3 |
| PLS 2200 | 3 | Political Life, Systems & Issues | PLS 2000 | 3 |
| PLS 2220 | 3 | International Relations | PLS 2220 | 3 |
| PSY 1100 | 3 | General Psychology | PSY 1010 | 3 |
| PSY 1160 | 3 | Black Psychology | PSY 1XXX | 3 |
| SOC 1101 | 3 | Introduction to Sociology | SOC 2000 | 3 |
| SOC 1117 | 3 | Popular Culture | SOC 1XXX | 3 |
| SOC 1145 | 3 | Introduction to Cultural Anthropology | ATH 2150 <small>Element 3: Global Traditions</small> | 3 |
| SOC 1219 | 3 | Global Poverty | SOC 1XXX | 3 |

- 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 ENG 1101, EGR 1101 or MAT 2270, CHE 1121/1251, PHY 2201/2207, and PHY 2210 at Sinclair.
- 120 hours minimum are required for a BS degree at Wright State.

| FIRST YEAR | | | | | | | |
|------------------|---------------|---|--------------|-------------------------|---------------|--|--------------|
| Sinclair College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | | | | | |
| CHE | 1211 | General Chemistry I <small>Engineering Transfer Elective</small> | 5 | CHM | 1210 | General Chemistry I <small>Additional Core Course</small> | 3 |
| CHE | 1251 | General Chemistry I Lab | 0 | CHM | 1210 | General Chemistry I Lab <small>Additional Core Course</small> | 2 |

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| FIRST YEAR | | | | | | | |
|---------------------|---------------|---|--------------|-------------------------|---------------|--|--------------|
| Sinclair College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| EGR | 1101 | Introductory Math for Engineering <small>Engineering Transfer Elective</small> | 4 | EGR | 1010 | Introductory Math for Engineering Applications <small>Additional Core Course</small> | 4 |
| ENG | 1101 | English Composition I | 3 | ENG | 1100 | Academic Writing and Reading <small>Element 1: Communication</small> | 3 |
| MET | 1301 | SolidWorks Basics <small>Engineering Transfer Elective</small> | 4 | ME | 1040 | Engineering Design and Solid Modeling + General Elective Credit | 3+1 |
| SPRING SEMESTER | | | | | | | |
| MAT | 2270 | Calculus and Analytic Geometry I | 5 | MTH | 2300 | Calculus I + Elective <small>Element 2: Mathematics + General Elective Credit</small> | 4+1 |
| PHY | 2201 | General Physics I | 5 | PHY | 2400 | General Physics I <small>Element 6: Natural Science</small> | 4 |
| PHY | 2207 | General Physics I Lab | 0 | PHY | 2400L | General Physics I Lab <small>Element 6: Natural Science</small> | 1 |
| PHY | 2210 | MATLAB for Scientists & Engineers <small>Engineering Transfer Elective</small> | 3 | ME | 1020 | Engineering Programming with Matlab | 3 |
| SUMMER SEMESTER | | | | | | | |
| COM | 2211 | Elective Public Speaking | 3 | COM | 1010 | Essentials of Public Address <small>General Elective Credit</small> | 3 |
| Total Hours: | | | 32 | Total Hours: | | | 32 |

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| SECOND YEAR | | | | | | | |
|---------------------|---------------|---|--------------|-------------------------|---------------|--|--------------|
| Sinclair College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | | | | | |
| HIS | 1111 or 1112 | Western Civilization I Western Civilization II <small>Arts & Humanities 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 |
| MAT | 2280 | Calculus and Analytic Geometry II | 5 | MTH | 2310 | Calculus II + Elective <small>Other Course Requirement + General Elective Credit</small> | 4+1 |
| MEE | 2101 | Statics for Engineers <small>Engineering Transfer Elective</small> | 3 | ME | 2120 | Statics | 3 |
| PHY | 2202 | General Physics II | 5 | PHY | 2410 | General Physics II <small>Element 6: Natural Science</small> | 4 |
| PHY | 2208 | General Physics II Lab | 0 | PHY | 2410L | General Physics II Lab <small>Element 6: Natural Science</small> | 1 |
| SPRING SEMESTER | | | | | | | |
| MAT | 2330 | Differential Equations and Linear Algebra | 5 | MTH | 2350 | Differential Equations with Matrix Algebra + Elective <small>Other Course Requirement + General Elective Credit</small> | 4+1 |
| | | Ohio Transfer 36 Arts & Humanities Course | 3 | | | Element 4: Arts/Humanities | 3 |
| | | Ohio Transfer 36 Social & Behavioral Sciences Course | 3 | | | Element 5: Social Science | 3 |
| | | Ohio Transfer 36 Social & Behavioral Sciences Course | 3 | | | Element 5: Social Science | 3 |
| Total Hours: | | | 30 | Total Hours: | | | 30 |

Total Credit Hours for Associate Degree: 62

Students must complete the following coursework at Sinclair in order to graduate from Wright State in a timely manner:

| SUBJECT CODE | COURSE NUMBER | SINCLAIR CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------|---------------|----------------------|------------------------------|-----------------------|--------------------------|
| MEE | 2201 | 3 | Thermodynamics for Engineers | ME 3310 | 3 |

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|--------------|------|----------|-------------------------------------|---------|----------|
| MEE | 2301 | 3 | Strength of Materials for Engineers | ME 3120 | 3 |
| MEE | 2401 | 3 | Dynamics for Engineers | ME 2210 | 3 |
| TOTAL | | 9 | | | 9 |

THIRD YEAR

Wright State University

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
|------------------------|---------------|--|--------------|
| FALL SEMESTER | | | |
| EE | 2010 | Analog Circuit Theory | 3 |
| EE | 2010L | Analog Circuit Theory Lab | 1 |
| EGR | 3350 | Technical Communication for Engineers and Computer Scientists <small>Element 2: Communication</small> | 3 |
| ME | 2700 | Structure and Properties of Materials I | 3 |
| ME | 3350 | Fluid Dynamics | 3 |
| MTH | 2320 | Calculus III | 4 |
| SPRING SEMESTER | | | |
| ME | 3210 | Systems Dynamics | 3 |
| ME | 3360 | Heat Transfer | 3 |
| ME | 3600 | Experimental Measurements and Instrumentation | 3 |
| ME | 4140 | Mechanical Design I | 3 |
| Total Hours: | | | 29 |

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FOURTH YEAR

Wright State University

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
|------------------------|---------------|--------------------|--------------|
| FALL SEMESTER | | | |
| ME | 4910 | Capstone Design I | 2 |
| | | Track Course | 3 |
| | | Track Course | 3 |
| | | Track Course | 3 |
| | | Technical Elective | 3 |
| SPRING SEMESTER | | | |
| ME | 4920 | Capstone Design II | 2 |
| | | Senior Lab | 2 |
| | | Technical Elective | 3 |
| | | Technical Elective | 3 |
| Total Hours: | | | 24 |

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/sinclair.

High school students must have completed their junior year before applying to the Wright Path, and current Sinclair College students must have a minimum 2.0 GPA.

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Sinclair College 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**

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Students must apply for undergraduate admission one semester prior to completing their studies at Sinclair College.

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 ENG 1101, EGR 1101 or MAT 2270, CHE 1121/1251, PHY 2201/2207, and PHY 2210 at Sinclair.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Student Resource Center
Student Union 138
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-4830
transfer@wright.edu

3. CONTACT INFORMATION

Sinclair College
Academic Advising Center
Building 10-301
444 W. Third St.
937-512-3700

Wright State University
Transfer Student Resource Center
138 Student Union
3640 Colonel Glenn Hwy.
937-775-4830

This agreement will expire two years from date of signature.

Kathleen Colligan Cleary

8/25/2021

Kathleen Cleary, Ph.D.
Interim Provost and Senior Vice President
Sinclair College

Oliver H. Evans

9/1/2021

Oliver Evans, Ph.D.
Interim Provost
Wright State University