

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

to

Wright State University

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

Material Science and Engineering

Bachelor of Science



Students interested in Wright Path program benefits will apply to the program through the Wright State website at wright.edu/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>Element E: Natural Science</small>	3+2
COM	2206 or 2211	3	Interpersonal Communication Effective Public Speaking	COM 2020 or COM 1010 <small>General Elective Credit (Excess Credit)</small>	3
EGR	1101	4	Introductory Math for Engineering Applications <small>Engineering Transfer Elective</small>	EGR 1010 <small>Element B: Mathematics</small>	4
ENG	1101	3	English Composition I	ENG 1100 <small>Element A: Communication</small>	3
MAT	2270	5	Calculus and Analytic Geometry I	MTH 2300 + Elective <small>Element B: 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 <small>Departmental Courses</small>	3
MET	1301	4	SolidWorks Basics <small>Engineering Transfer Elective</small>	ME 1040 + Elective <small>Departmental Courses + General Elective Credit (Excess)</small>	3+1
MEE	2XXX	3	Structure and Properties of Materials (Completed at Wright State through SOCHE Agreement While Studying at Sinclair) <small>Engineering Transfer Elective</small>	ME 2700 <small>Departmental Courses</small>	3

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PHY	2201	5	General Physics I	PHY 2400 + 2400L <small>Element E: Natural Science</small>	4+1
PHY	2202	5	General Physics II	PHY 2410 + 2410L <small>Element E: Natural Science</small>	4+1
		3	One Ohio Transfer 36 Arts & Humanities History Course	Element C: Arts and Humanities - History	3
		3	One Ohio Transfer 36 Arts & Humanities Course That is Not History	Element C: Arts and Humanities	3
		6	Two Ohio Transfer 36 Social & Behavioral Science Courses from Two Different Subjects	Element D: Social and Behavioral Science	6
TOTAL		62			62

- Choose one Ohio Transfer 36 Arts & Humanities history 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
HIS 1101	3	United States History I	HST 2110	3
HIS 1102	3	United States History II	HST 2120	3
HIS 1105	3	African American History	HST 1XXX	3
HIS 1111	3	Western Civilization I	HST 1100	3
HIS 1112	3	Western Civilization II	HST 1200	3
HIS 2215	3	Survey of African History	RST 2710	3
HIS 2216	3	Survey of Latin American History	RST 2810	3
HIS 2217	3	Survey of East Asian History	RST 2XXX	3
HIS 2218	3	History of Ohio	HST 2XXX	3

- Choose one Ohio Transfer 36 Arts & Humanities course that is not history 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

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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 Art	ART 2XXX	3
ART 2238	3	History of African Art	RST 2XXX	3
ART 2239	3	History of Asian Art	ART 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
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 <small>Inclusive Excellence</small>	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 <small>Inclusive Excellence</small>	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

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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 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 & Behavioral Science 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	3
ECO 1100	3	Introduction to Economics	EC 2000	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
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	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	3

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SINCLAIR COURSE	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
			Inclusive Excellence	

- All students with declared Material Science and Engineering major are automatically admitted as Pre-Material Science and Engineering students.
- In order to be admitted fully as a material science and 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 CHE 1121, ENG 1101, EGR 1101 or MAT 2270, MET 1301, PHY 2201, 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 Engineering Transfer Elective	5	CHM	1210 + 1210L	General Chemistry I + Lab Element E: Natural Science	3+2
EGR	1101	Introductory Math for Engineering Engineering Transfer Elective	4	EGR	1010	Introductory Math for Engineering Applications Element B: Mathematics	4
ENG	1101	English Composition I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3
MET	1301	SolidWorks Basics Engineering Transfer Elective	4	ME	1040	Engineering Design and Solid Modeling + Elective Departmental Courses + General Elective Credit (Excess)	3+1
SPRING SEMESTER							
MAT	2270	Calculus and Analytic Geometry I	5	MTH	2300	Calculus I + Elective Element B: Mathematics + General Elective Credit	4+1
PHY	2201	General Physics I	5	PHY	2400 + 2400L	General Physics I + Lab Element E: Natural Science	4+1
		Ohio Transfer 36 Arts & Humanities History Course	3			Element C: Arts and Humanities – History	3
SUMMER SEMESTER							

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
COM	2206 or 2211	Interpersonal Communication Elective Public Speaking	3	COM	2020 or 1010	Interpersonal Communication Essentials of Public Address General Elective Credit (Excess)	3
Total Hours:			32	Total Hours:			32

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							
MAT	2280	Calculus and Analytic Geometry II	5	MTH	2310	Calculus II + Elective Other Course Requirement + General Elective Credit	4+1
MEE	2101	Statics for Engineers Engineering Transfer Elective	3	ME	2120	Statics Departmental Courses	3
PHY	2202	General Physics II	5	PHY	2410 + 2410L	General Physics II + Lab Element E: Natural Science	4+1
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element D: Social and Behavioral Science	3
SPRING SEMESTER							
MAT	2330	Differential Equations and Linear Algebra	5	MTH	2350	Differential Equations with Matrix Algebra + Elective Other Course Requirement + General Elective Credit	4+1
MEE	2XXX	Non-Equivalent Transfer Course Engineering Transfer Elective	3	ME	2700	Structure and Properties of Materials (Completed through SOCHE Cross Registration at Wright State) Departmental Courses	3
		Ohio Transfer 36 Arts & Humanities Course That Is Not History	3			Element C: Arts and Humanities	3
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element D: Social and Behavioral 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:

Wright Path Articulation Agreement (UPDATED July 1, 2024)

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SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
MEE	2301	3	Strength of Materials for Engineers	ME 3120 <small>Departmental Courses</small>	3
PHY	2210	3	MATLAB for Scientists & Engineers	ME 1020 <small>Departmental Courses</small>	3
TOTAL		6			6

- Students must earn a C or higher in PHY 2210 at Sinclair.

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 A: Communication</small>	3
ME	2600	Metallography	1
ME	3750	Thermodynamics of Materials	3
MTH	2320	Calculus III	4
SPRING SEMESTER			
ME	3600	Experimental Measurements and Instrumentation	3
ME	3760	Diffusion and Kinetics	3
ME	4750	Materials Characterization	2
		Track Course	3
		Technical Elective	3
Total Hours:			29

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FOURTH YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
ME	4620	Mechanics and Materials Testing Lab	2
ME	4720	Engineering Polymers	3
ME	4730	Engineering Ceramics	3
ME	4770	Mechanical Behavior of Metals	3
		Track Course	3
SPRING SEMESTER			
ME	4700	Structure and Properties of Materials II	3
ME	4740	Materials Selection and Failure Analysis	3
		Track Course	3
Total Hours:			23

FIFTH YEAR

Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
ME	4910	Capstone Design I	3
SPRING SEMESTER			
ME	4920	Capstone Design II	3
Total Hours:			6

Total Credit Hours for Bachelor's Degree: 126

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/sinclair.

High school students must be close to graduating before applying to the Wright Path, and current Sinclair College students must have a minimum 2.0 GPA.

Transfer to Wright State University

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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**

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

In order to be admitted fully as a material science and 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 CHE 1121, ENG 1101, EGR 1101 or MAT 2270, MET 1301, PHY 2201, and PHY 2210 at Sinclair.

2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Center
Student Union 138
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-5700
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 Center
138 Student Union
3640 Colonel Glenn Hwy.
937-775-5700**

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This agreement will expire two years from date of signature.



07/12/2024

Anthony M. Ponder, Ed.D.
Senior Vice President and Provost
Sinclair College

Date



7/22/2024

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

Date