

# 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**

**Electrical 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](http://wright.edu/wrightpath/sinclair).

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
AFR HIS SOC	1100, 2219, or 1145	3	African-American Studies Survey of the Middle East Introduction to Cultural Anthropology <small>Social &amp; Behavioral Science Ohio Transfer 36 Elective</small>	AFS 2000, RST 2910, or ATH 2150 <small>Element 3: Global Traditions</small>	3
BIO CHE	1171 or 1211	5	Principles of Biology I General Chemistry I <small>Engineering Transfer Elective</small>	BIO 1120/1120L + Elective or CHM 1210 + 1210L <small>Additional Core Course (+ General Elective Credit)</small>	4+1 or 3+2
COM	2211	3	Effective Public Speaking	COM 1010 <small>General Elective Credit</small>	3
EGR	2131	4	Engineering Digital Design <small>Engineering Transfer Elective</small>	EE 2000 + 2000L	3+1
EGR	2201	4	Circuit Analysis <small>Engineering Transfer Elective</small>	EE 2010 + 2010L	3+1
EGR	2261	4	Engineering Problems Solving Using C and C++ <small>Engineering Transfer Elective</small>	CEG 2170	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 &amp; 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>Additional Core Course + General Elective Credit</small>	4+1

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MAT	2290	5	Calculus and Analytic Geometry III <small>Engineering Transfer Elective</small>	MTH 2320 + General Elective Credit	4+1
MAT	2330	5	Differential Equations and Linear Algebra	MTH 2350 + General Elective Credit	4+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
		3	<b>One Ohio Transfer 36 Arts &amp; Humanities Course</b>	Element 4: Arts/Humanities	3
		3	<b>One Ohio Transfer 36 Social &amp; Behavioral Sciences Course</b>	Element 5: Social Science	3
<b>TOTAL</b>		<b>65</b>			<b>65</b>

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

<b>SINCLAIR COURSE</b>	<b>SINCLAIR CREDIT HOUR</b>	<b>COURSE TITLE</b>	<b>WRIGHT STATE COURSE #</b>	<b>WRIGHT STATE CREDIT HOUR</b>
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

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

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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
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 electrical engineering major are automatically admitted as Pre-Electrical Engineering students.
- In order to be admitted fully as an electrical engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25. In addition, students will need to complete the following courses:
  - At Sinclair: AFR 1100, HIS 2219, or SOC 1145 (Integrated Writing); BIO 1171 or CHE 1211; EGR 2131; EGR 2201; EGR 2261; ENG 1101 (C or higher); MAT 2270; MAT 2280; MAT 2290 or 2330; PHY 2201; and PHY 2202.
- 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							

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SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
BIO CHE	1171 or 1211	Principles of Biology I General Chemistry I <small>Engineering Transfer Elective</small>	5	BIO CHM	1120 or 1210/1210L	Cells and Genes + Elective General Chemistry I & Lab <small>Additional Core Course (+ General Elective Credit)</small>	4+1 3+2
ENG	1101	English Composition I	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
MAT	2270	Calculus and Analytic Geometry I	5	MTH	2300	Calculus I + Elective <small>Element 2: Mathematics + General Elective</small>	4+1
		Ohio Transfer 36 Social & Behavioral Sciences Course	3			Element 5: Social Science	3
SPRING SEMESTER							
EGR	2131	Engineering Digital Design <small>Engineering Transfer Elective</small>	4	EE	2000 + 2000L	Digital Design with HDL + Digital Design with HDL Lab	3+1
MAT	2280	Calculus and Analytic Geometry II	5	MTH	2310	Calculus II + Elective <small>Additional Core Course + General Elective</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
		Ohio Transfer 36 Arts & Humanities Course	3			Element 4: Arts/Humanities	3
<b>Total Hours:</b>			<b>33</b>	<b>Total Hours:</b>			<b>33</b>

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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							
COM	2211	Elective Public Speaking	3	COM	1010	Essentials of Public Address <small>General Elective Credit</small>	3
HIS	1111 or 1112	Western Civilization I Western Civilization II <small>Arts &amp; 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	2290	Calculus and Analytic Geometry III <small>Engineering Transfer Elective</small>	5	MTH	2320	Calculus III + General Elective Credit	4+1
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							
AFR HIS SOC	1100, 2219, or 1145	African-American Studies Survey of the Middle East Introduction to Cultural Anthropology <small>Social &amp; Behavioral Science Ohio Transfer 36 Elective</small>	3	AFS  RST ATH	2000, 2910, or 2150	What is the African and African American Experience? Regional Studies: Middle East Comparative Nonwestern Cultures <small>Element 3: Global Traditions</small>	3
EGR	2201	Circuit Analysis <small>Engineering Transfer Elective</small>	4	EE	2010 + 2010L	Analog Circuit Theory + Analog Circuit Theory Lab	3+1
EGR	2261	Engineering Problems Solving Using C and C++ <small>Engineering Transfer Elective</small>	4	CEG	2170	Introduction to C Programming for Scientists and Engineers	4
MAT	2330	Differential Equations and Linear Algebra	5	MTH	2350	Differential Equations with Matrix Algebra + General Elective Credit	4+1
Total Hours:			32	Total Hours:			32

**Total Credit Hours for Associate Degree: 65**

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
EE	3210	Linear Systems I	3
EE	3310	Electronic Devices and Circuits	3
EE	3310L	Electronic Devices and Circuits Lab	1
EE	3450	Introduction to Electromagnetics	3
EE	3450L	Electromagnetics Lab	1
EE	4620	Digital Integrated Circuit Design with PLDs and FPGAs	3
EE	4620L	Digital Integrated Circuit Design with PLDs and FPGAs Lab	1
<b>SPRING SEMESTER</b>			
EE	4000	Linear Systems II	3
EE	4130	Continuous Controls Systems	3
EE	4130L	Continuous Controls Systems Lab	1
EGR ENG	3350 or 2140	Technical Communications for Engineers and Scientists Research, Technical Writing, and Presentation for Scientists and Engineers <small>Element 1: Communication</small>	3
		Technical Elective	4
<b>Total Hours:</b>			<b>29</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
EE	3260	Random Signals and Noise	3
EE	4210	Digital Communication	3
EE	4210L	Digital Communication Lab	1
EE	4910	Electrical Engineering Senior Design Project I	3
EE		Technical Elective EE 4000 Level	4
<b>SPRING SEMESTER</b>			
EE	4920	Electrical Engineering Senior Design Project II	3
EE		Technical Elective EE 4000 Level	3
		Technical Elective	4
		General Elective Credit	2
<b>Total Hours:</b>			<b>26</b>

**Total Credit Hours for Bachelor's Degree: 120**

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## 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](http://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**

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

In order to be admitted fully as an electrical engineering major at Wright State, students will need to achieve a cumulative GPA of a 2.25. In addition, students will need to complete the following courses:

- At Sinclair: AFR 1100, HIS 2219, or SOC 1145 (Integrated Writing); BIO 1171 or CHE 1211; EGR 2131; EGR 2201; EGR 2261; ENG 1101 (C or higher); MAT 2270; MAT 2280; MAT 2290 or 2330; PHY 2201; and PHY 2202.

## 2. TUITION AND SCHOLARSHIPS

*Students interested in scholarship opportunities at Wright State should contact:*

Transfer Student Resource Center  
Student Union 138



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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

Date

*Oliver H. Evans*

9/1/2021

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

Date