

# 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**

**Electronics Engineering Technology**

**Engineering Technology with  
Electrical Engineering Track  
Bachelor of Science**

**Associate of Applied Science**



Students interested in Wright Path program benefits will apply to the program through the Wright State website at [wright.edu/sinclair](http://wright.edu/sinclair).

SUBJECT CODE	COURSE NUMBER	SINCLAIR CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
COM	2211	3	Effective Public Speaking	COM 1010 Element A: Communication	3
EET	1116	4	Electronics Schematics & Fabrication	UNK 1XXX General Elective Credit	4
EET	1131	4	Digital Electronics (CTAG CTEET002 Eligible Credit)	EE 2000 + 2000L	3+1
EET	1150 + 1155	4+3	DC Circuits AC Circuits (EET 1150 CTAG CTEET001 Eligible Credit)	EE 2010 + 2010L + 1XXX	3+1+3
EET	2201	4	Electronic Devices & Circuits	EE 3310 + EE 3310L	3+1
EET	2259	4	Programming for Electronics Technology	UNK 2XXX General Elective Credit	4
EET	2261	4	Microprocessors	UNK 2XXX General Elective Credit	4
EET	2278	4	Electronics Project Capstone	UNK 2XXX General Elective Credit	4
EET	2281	3	Programmable Logic Controllers (CTAG CTEET003 Eligible Credit)	EE 2XXX Electrical Engineering Track Elective	3
EGR	2261	4	Engineering Problem Solving Using "C" & "C++"	CEG 2170 Technical Core	4
ENG	1101	3	English Composition I	ENG 1100 Element A: Communication	3
MAT	1470 + 1570 or 1580	3+3 or 5	College Algebra Analytic Geometry & Trigonometry Precalculus	MTH 1280 + 1350 General Elective Credit (Excess)	3+3 or 3+2
MET	2711	1	Ethics for Engineering Technology Professionals	UNK 2XXX General Elective Credit	1
PHY	1141	4	College Physics I	PHY 1110 + 1110L Element E: Natural Science	3+1
PHY	1142	4	College Physics II Electronics Elective	PHY 1120 + 1120L Element E: Natural Science	3+1

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		3	<b>One Ohio Transfer 36 Social &amp; Behavioral Science Course (See list below)</b>	Element D: Social and Behavioral Science	3
<b>TOTAL</b>		<b>61-62</b>			<b>61-62</b>

- Choose one Ohio Transfer 36 Social & Behavioral Science 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>
AFR 1100	3	African American Studies	AFS 2000	3
ECO 1100	3	Introduction to Economics	EC 2XXX	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
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

- All students with declared Engineering Technology major are automatically admitted as Pre-Engineering Technology students.
- In order to be admitted fully as an engineering technology major at Wright State, students will need to achieve a cumulative GPA of a 2.25 at Wright State.
- Students must earn a C or higher in ENG 1101, MAT 2270, and PHY 1141 at Sinclair.
- 120-126 hours minimum are required for a BS degree at Wright State.

**Total Credit Hours for Associate Degree: 61-62**

**All students pursuing an Engineering Technology program at Wright State must complete the following coursework at Sinclair prior to transferring to Wright State in order to graduate from Wright State in a timely manner:**

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MAT	2270	5	Calculus and Analytic Geometry I	MTH 2300 + Elective Element B: Mathematics + General Elective Credit	4+1
<b>TOTAL</b>		<b>5</b>			<b>5</b>

Students opting for Business Analytics and Computing and Information Technology Emphases must also complete the following coursework at Sinclair prior to transferring to Wright State 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
ISE	2220	3	Applied Statistics for Process Control & Improvement	ISE 2211	3
<b>TOTAL</b>		<b>3</b>			<b>3</b>

## BUSINESS ANALYTICS EMPHASIS

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
ISE	4400	Engineering Economy	3
ISE	4850	Six Sigma for Engineers	3
ME	1040	Engineering Design and Solid Modeling	3
MIS	3000	Fundamentals of Information Systems	3
<b>SPRING SEMESTER</b>			
EGR	3350	Technical Communications for Engineers and Scientists Element A: Communication	3
ISE	4830	Engineering Project Management and Applications	3
MIS	3810	Introduction to Business Data	3
		Electrical Engineering Track Elective	4
		Element C: Arts and Humanities - History	3
<b>Total Hours:</b>			<b>28</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
EE	4910	Senior Design I	3
ISE	4810	Production and Service Systems	3
MIS	3820	Data Mining for Business	3
MIS	3840	Data Visualization for Business	3
		Element D: Social and Behavioral Science	3
<b>SPRING SEMESTER</b>			
EE	4120L	Industrial Controls and Automation Lab (Students Earn EE 4120 + 4120L Equivalent after Completing Both EET 2281 from Sinclair and EE 4120L from Wright State)	1
EE	4920	Senior Design II	3
MIS		Business Analytics Emphasis Electives	6
		Element C: Arts and Humanities Global Inquiry Integrated Writing	3
<b>Total Hours:</b>			<b>28</b>

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**Total Credit Hours for Bachelor's Degree: 125-126**

## COMPUTING AND INFORMATION TECHNOLOGY EMPHASIS

### THIRD YEAR

#### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
CEG	2350	Operating System Concepts and Usage	4
CS	1180	Computer Science I	4
ISE	4850	Six Sigma for Engineers	3
ME	1040	Engineering Design and Solid Modeling	3
SPRING SEMESTER			
CEG	2400	Introduction to PC Networking	3
CEG	3400	Introduction to CyberSecurity	3
EGR	3350	Technical Communications for Engineers and Scientists Element A: Communication	3
ISE	4830	Engineering Project Management and Applications	3
		Element C: Arts and Humanities Global Inquiry Integrated Writing	3
<b>Total Hours:</b>			<b>29</b>

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## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER			
EE	4910	Senior Design I	3
ISE	4400	Engineering Economy	3
ISE	4810	Production and Service Systems	3
		Element C: Arts and Humanities - History	3
SPRING SEMESTER			
CS	3700	Introduction to Databases and Modeling	3
EE	4120L	Industrial Controls and Automation Lab (Students Earn EE 4120 + 4120L Equivalents after Completing Both EET 2281 from Sinclair and EE 4120L from Wright State)	1
EE	4920	Senior Design II	3
		Electrical Engineering Track Elective	4
		Element D: Social and Behavioral Science	3
Total Hours:			<b>25</b>

**Total Credit Hours for Bachelor's Degree: 124-125**

## EARNED ASSOCIATES TECHNICAL FOUNDATIONS EMPHASIS

**This emphasis is available to only transfer students with an earned associate's degree in an engineering technology field.**

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## THIRD YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
EGR	3350	Technical Communications for Engineers and Scientists Element A: Communication	3
ISE	2211	Statistics for Engineers	3
ME	1040	Engineering Design and Solid Modeling	3
		Element D: Social and Behavioral Science	3
<b>SPRING SEMESTER</b>			
ISE	4400	Engineering Economy	3
ISE	4850	Six Sigma for Engineers	3
		Element C: Arts and Humanities - History	3
		Element C: Arts and Humanities Global Inquiry Integrated Writing	3
		General Elective Credit	3
<b>Total Hours:</b>			<b>27</b>

## FOURTH YEAR

### Wright State University

SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
<b>FALL SEMESTER</b>			
EE	4910	Senior Design I	3
ISE	4810	Production and Service Systems	3
		Electrical Engineering Track Elective	4
		General Elective Credit	3
<b>SPRING SEMESTER</b>			
EE	4120L	Industrial Controls and Automation Lab (Students Earn EE 4120 + 4120L Equivalents after Completing Both EET 2281 from Sinclair and EE 4120L from Wright State)	1
EE	4920	Senior Design II	3
ISE	4830	Engineering Project Management and Applications	3
		General Elective Credit	6-7
<b>Total Hours:</b>			<b>26-27</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/sinclair](http://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*

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 engineering technology major at Wright State, students will need to achieve a cumulative GPA of a 2.25 at Wright State.

Students must earn a C or higher in ENG 1101, MAT 2270, and PHY 1141 at Sinclair.

## 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](mailto:transfer@wright.edu)



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## 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**

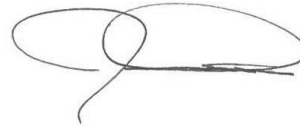
This agreement will expire two years from date of signature.



J/G /2025

Charles Long, M.S.  
Manager of Curriculum, Transfer, and Articulation  
Sinclair College

Date



J/G /2025

Jim Denniston, Ph.D.  
Provost and Senior Vice President for Academic Affairs  
Wright State University

Date