WRIGHT PATH PARTNERSHIP ARTICULATION AGREEMENT

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

Clark State College

Associate of Science

to

Wright State University

Industrial and Systems Engineering
Bachelor of Science

Studies in industrial and systems engineering (ISE) focus on doing more with less—doing things better, cheaper, faster, more safely, and with less waste. Instead of designing bridges, machines, or circuits, industrial engineers will engineer all parts of a process—people, machines, materials, information, and energy—to make a product or provide a service. Students interested in ISE must contact the advising office (cecs-advisors@wright.edu or 937-775-5272) at Wright State University as early in their interest as possible.

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

SUBJECT CODE	COURSE NUMBER	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
BIO CHM	1510 or 1210	5	Biology I General Chemistry I Elective	BIO 1120 + Elective or CHM 1210 + 1210L Element E: Natural Science	4+1 or 3+2
COM ENG	1120 or 1112	3	Public Speaking I English II	COM 1010 or ENG 2100 General Elective Credit	3
CSD	1510	3	Programming Fundamentals with Python Elective	CS 1160 Major CECS Course	3
ENG	1111	3	English I	ENG 1100 Element A: Communication	3
ENG	2230	3	Technical Report Writing Advanced Elective	EGR 3350 Element A: Communication	3
ENG	2300	3	Great Books: World Literature Arts & Humanities Ohio Transfer 36 Global Awareness	ENG 2040 Element C: Arts and Humanities	3
FYE	1101	1	College Success	UNK 1XXX General Elective Credit (Excess)	1
MTH	2200	5	Calculus I Mathematics, Statistics, & Logic Ohio Transfer 36	MTH 2300 + Elective Element B: Mathematics + General Elective Credit	4+1
MTH	2220	5	Calculus II Elective	MTH 2310 + Elective Element B: Mathematics + General Elective Credit	4+1
PHY	2501	5	College Physics I with Calculus Natural & Physical Sciences Ohio Transfer 36	PHY 2400 + 2400L Element E: Natural Science	4+1
PHY	2502	5	College Physics II with Calculus	PHY 2410 + 2410L	4+1

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			Natural & Physical Sciences Ohio Transfer 36	Element E: Natural Science	
PSY	1111	3	Introduction to Psychology	PSY 1010 Element D: Social and Behavioral Science	3
RST SOC	2700 or 2220	3	Regional Studies: Africa Comparing Cultures Social & Behavioral Science Ohio Transfer 36 Global Awareness	RST 2710 or ATH 2150 Element D: Social and Behavioral Science	3
		3	**One Ohio Transfer 36 Arts & Humanities History Course** Global Awareness	Element C: Arts and Humanities - History	3
		3	**One Ohio Transfer 36 Arts & Humanities Course**	General Elective Credit (Consult with Clark & Wright State Advisors)	3
		3	**One Ohio Transfer 36 Social & Behavioral Science Course**	Element D: Social and Behavioral Science (Consult with Clark & Wright State Advisors)	3
		3	Statistics for Engineers (Completed at Wright State through SOCHE Agreement While Studying at Clark State) Elective	ISE 2211	3
		3	Engineering Design and Solid Modeling (Completed at Wright State through SOCHE Agreement While Studying at Clark State) Elective	ME 1040 Major CECS Course	3
		4	Discrete Mathematics for Computing (Completed at Wright State through SOCHE Agreement While Studying at Clark State) Elective	MTH 2570 Major CECS Course	4
TOTAL		**66**			**66**

- Choose one Ohio Transfer 36 Arts and Humanities history course from:

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CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
HST 1110	3	Western Civilization to 1600	HST 1100	3
HST 1120	3	Western Civilization Since 1600	HST 1200	3
HST 1210	3	American History to 1865	HST 2110	3
HST 1220	3	American History Since 1865	HST 2120	3

- Choose one Ohio Transfer 36 Arts and Humanities course from:

CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ART 1001	3	Art History I	ART 1XXX	3
ART 1002	3	Art History II	ART 1XXX	3
ART 1300	3	Appreciation of the Arts	ART 2140	3
ENG 1600	3	Introduction to Literature	ENG 1XXX	3
ENG 2510	3	American Literature I	ENG 3310	3
ENG 2520	3	American Literature II	ENG 3320	3
ENG 2610	3	British Literature to 1800	ENG 3210 or ENG 3220	3
ENG 2620	3	British Literature from 1800 to the Present	ENG 3230	3
HST 1110	3	Western Civilization to 1600	HST 1100	3
HST 1120	3	Western Civilization Since 1600	HST 1200	3
HST 1210	3	American History to 1865	HST 2110	3
HST 1220	3	American History Since 1865	HST 2120	3
MUS 1130	3	Music Appreciation	MUS 2140	3
PHL 2000	3	Critical Thinking	PHL 3000	3
PHL 2100	3	Ethics	PHL 3110	3
PHL 2300	3	Medical Ethics	PHL 2XXX	3
PHL 2400	3	Philosophy of World Religions	REL 2320	3
THE 1130	3	Theatre Appreciation	TH 2140	3
THE 1133	3	Script Analysis	TH 2500	3
THE 2241	3	Theatre History I	TH 2XXX	3
THE 2242	3	Theatre History II	TH 2XXX	3

- Choose one Ohio Transfer 36 Social and Behavioral Science course from:

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CLARK STATE COURSE	CLARK STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ECO 1100	3	General Economics	EC 2XXX	3
ECO 2210	3	Principles of Macroeconomics	EC 2050	3
ECO 2220	3	Principles of Microeconomics	EC 2040	3
GEO 1100	3	Human Geography	GEO 2200	3
GEO 2200	3	World Regional Geography	GEO 3300	3
PLS 1100	3	Introduction to American Politics	PLS 2120	3
PLS 1300	3	Introduction to Comparative Politics	PLS 3020	3
PLS 2300	3	Introduction to International Relations	PLS 2220	3
PLS 2400	3	State and Local Politics	PLS 3220	3
PSY 1111	3	Introduction to Psychology	PSY 1010	3
RST 2700	3	Regional Studies: Africa	RST 2710	3
SOC 2220	3	Comparing Cultures	ATH 2150	3
SOC 2230	3	Social Problems	SOC 2200	3
SOC 2240	3	Racial and Cultural Minorities	SOC 3620	3
SOC 2250	3	Sociology of Poverty: Feminization of Poverty	SOC 2XXX	3

- All students with declared Industrial and Systems Engineering major are automatically admitted as Pre-Industrial and Systems Engineering students.
- In order to be admitted fully as an industrial and systems engineering 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 1111, MTH 2200, and PHY 2501at Clark State.
- 122-123 hours minimum are required for a BS degree at Wright State.

FIRST YEAR							
Clark State College				**Wright State University**			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
FALL SEMESTER							
BIO CHM	1510 or 1210	Biology I General Chemistry I Elective	5	BIO CHM	1120 or 1210 + 1210L	Cells and Genes + Elective General Chemistry I + Lab Element E: Natural Science	4+1 or 3+2
ENG	1111	English I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3
FYE	1101	College Success	1	UNK	1XXX	Non-Equivalent Transfer Course General Elective Credit (Excess)	1

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FIRST YEAR							
Clark State College				**Wright State University**			
SUBJECT CODE	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**	**SUBJECT CODE**	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**
MTH	2200	Calculus I Mathematics, Statistics, & Logic Ohio Transfer 36	5	MTH	2300	Calculus I + Elective Element B: Mathematics + General Elective Credit	4+1
		Ohio Transfer 36 Arts & Humanities History Course Global Awareness	3			Element C: Arts and Humanities – History	3
SPRING SEMESTER							
COM ENG	1120 or 1112	Public Speaking I English II	3	COM ENG	1010 or 2100	Essentials of Public Address Research Writing and Argumentation General Elective Credit	3
ENG	2300	Great Books: World Literature Arts & Humanities Ohio Transfer 36 Global Awareness	3	ENG	2040	Great Books: Literature Element C: Arts and Humanities	3
MTH	2220	Calculus II Elective	5	MTH	2310 + 2XXX	Calculus II + Elective Element B: Mathematics + General Elective Credit	4+1
PHY	2501	College Physics I with Calculus Natural & Physical Sciences Ohio Transfer 36	5	PHY	2400 + 2400L	General Physics I + Lab Element E: Natural Science	4+1
SUMMER SEMESTER							
PSY	1111	Introduction to Psychology	3	PSY	1010	Introduction to Psychology Element D: Social and Behavioral Science	3
Total Hours:			**36**	**Total Hours:**			**36**

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SECOND YEAR							
Clark State College				**Wright State University**			
SUBJECT CODE	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**	**SUBJECT CODE**	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**
FALL SEMESTER							
ENG	2230	Technical Report Writing Advanced Elective	3	EGR	3350	Technical Communications for Engineers and Computer Scientists Element A: Communication	3
PHY	2502	College Physics II with Calculus Natural & Physical Sciences Ohio Transfer 36	5	PHY	2410 + 2410L	General Physics II + Lab Element E: Natural Science	4+1
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Clark State)	3	ME	1040	Engineering Design and Solid Modeling Major CECS Course	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Clark State)	4	MTH	2570	Discrete Mathematics for Computing Major CECS Course	4
SPRING SEMESTER							
CSD	1510	Programming Fundamentals with Python Elective	3	CS	1160	Introduction to Computer Programming Major CECS Course	3
RST SOC	2700 or 2220	Regional Studies: Africa Comparing Cultures Social & Behavioral Science Ohio Transfer 36 Global Awareness	3	RST ATH	2710 or 2150	Regional Studies: Africa Comparative Nonwestern Cultures Element D: Social and Behavioral Science	3
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element D: Social and Behavioral Science	3
		Ohio Transfer 36 Arts & Humanities Course	3			General Elective Credit	3
		Elective (Completed at Wright State through SOCHE Agreement While Studying at Clark State)	3	ISE	2211	Statistics for Engineers	3
Total Hours:			**30**	**Total Hours:**			**30**

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			
ISE	4150	Advanced Probability and Statistics for Engineering	3
ISE	4711	Operations Research I	3
ISE	4850	Six Sigma for Engineers	3
ME	2120	Statics	3
MTH	2350 or 2530	Differential Equations with Matrix Algebra Elementary Linear Algebra	4 or 3
SPRING SEMESTER			
CS ISE	3840 or 3540	Applied Machine Learning	3
ISE	4320	Human-System Interaction and Usability Engineering	3
ISE	4330	Engineering in Occupational Safety and Health	3
ISE	4712	Simulation and Stochastic Models	4
ISE	4721	Operations Research II	3
Total Hours:			**31-32**

FOURTH YEAR			
Wright State University			
SUBJECT CODE	**COURSE NUMBER**	**COURSE TITLE**	**CREDIT HOURS**
FALL SEMESTER			
ISE	4310	Ergonomics	3
ISE	4400	Engineering Economy	3
ISE	4810	Production and Service Systems	3
ISE	4910	Industrial and Systems Engineering Design I	3
SPRING SEMESTER			
ISE	4300	Fundamentals of Human Factors Engineering	3
ISE	4510	Computer Applications in ISE	4
ISE	4820	Supply Chain Analysis and Design	3
ISE	4920	Industrial and Systems Engineering Design II	3
Total Hours:			**25**

Total Credit Hours for Bachelor's Degree: 122-123

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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/clarkstate**.

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

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Clark State 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 to the Undergraduate Admission one semester prior to completing their studies at Clark State College.

In order to be admitted fully as an industrial and systems engineering major at Wright State, students will need to earn a cumulative GPA of a 2.25 at Wright State.

Students must earn a C or higher in ENG 1111, MTH 2200, and PHY 2501 at Clark 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

Clark State College	to	Wright State University
Associate of Science		Industrial and Systems Engineering Bachelor of Science

3. CONTACT INFORMATION

Clark State College
Dr. Travis Binkley, Assistant Vice President
Enrollment Services
binkleyt@clarkstate.edu
937-431-7157

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.

7.10.2025

Dr. Adrienne Forgette — Date
Vice President of Academic Affairs
Clark State College

7/10/2025

Dr. Jim Denniston — Date
Provost and Senior Vice President for Academic Affairs
Wright State University