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

Edison State Community College

to

Wright State University

Network Administration

Information Technology and Cybersecurity
Bachelor of Science





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

SUBJECT CODE	COURSE NUMBER	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
CIS	110S	3	Computer Concepts and Applications	CS 1XXX General Elective Credit	3
CIS	117S	1	Cloud Foundations	CS 1XXX General Elective Credit	1
CIS	121S	3	Introduction to Programming	CS 1160	3
CIS	211S	3	Operating System Concepts	CEG 2350	3
CIS	212S	3	Linux Administration	CS 2XXX Technical Elective	3
CIS	213S	3	Database Management Concepts	CS 3700	3
CIS	214S	3	Networking Essentials	CEG 2400	3
CIS	215S	3	IT Essentials	CS 2XXX Technical Elective	3
CIS	290S or 291L + 291R	3 or 2+1	Capstone Project Internship Experience Internship Seminar	CS 2XXX General Elective Credit	3
CIS		3	Technical Elective	CS 2XXX General Elective Credit	3
COM	121S	3	Introduction to Communication	COM 1010 Element A: Communication	3
СҮВ	236S	3	Computer Security Essentials	CS 2XXX Technical Elective	3
СҮВ	246S	3	Introduction to Networks	CS 2XXX General Elective Credit	3
СҮВ	247S	3	Switching and Routing	CS 2XXX Technical Elective	3
СҮВ	248S	3	Security and Automation	CS 2XXX General Elective Credit	3
ENG	121S	3	Composition I	ENG 1100 Element A: Communication	3
ENG	125S	3	Technical Writing	EGR 3350 Element A: Communication	3
MGT	223S	3	Project Management	MGT 2XXX	3
MKT	218S	1	Customer Service	General Elective Credit MKT 2XXX General Elective Credit	1
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MTH	125S	3	General Statistics	STT 2640	3
				Element B: Mathematics	
		3	One Ohio Transfer 36 Arts &	Element C: Arts	3
			Humanities Course (from List	and Humanities	
			Below)		
		3	One Ohio Transfer 36 Social &	Element C: Arts	3
			Behavioral Science Course	and Humanities –	
			(from List Below)	History or Element	
				D: Social and	
				Behavioral Science	
TOTAL		62			62

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

EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ART 123S	3	Ancient Art History	ART 2110	3
ART 124S	3	Art History: The Modern Era	ART 2120	3
ENG 123S	3	Introduction to Literature	ENG 1XXX	3
ENG 205S	3	Great Books	ENG 2040	3
ENG 221S	3	American Literature I	ENG 3310	3
ENG 222S	3	American Literature II	ENG 3320	3
ENG 241S	3	British Literature I – Middle Ages/Restoration	ENG 3210 or ENG 3220	3
ENG 242S	3	British Literature II – Romantics/ 20 th Century	ENG 3230	3
HST 224S	3	African American History Since 1619	HST 2XXX	3
HUM 121S	3	Introduction to Humanities	HUM 1XXX	3
MUS 120S	3	Music Appreciation	MUS 2140	3
MUS 127S	3	Music as a World Phenomenon	MUS 2420	3
			Inclusive Excellence	
PHI 121S	3	Introduction to Philosophy	PHL 2050	3
PHI 123S	3	Introduction to Ethics	PHL 3110	3
REL 121S	3	World Religions	REL 2320	3

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

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EDISON STATE COURSE	EDISON STATE CREDIT HOUR	COURSE TITLE	WRIGHT STATE COURSE #	WRIGHT STATE CREDIT HOUR
ANT 121S	3	Introduction to Anthropology	ATH 2150	3
			Global Inquiry	
			Inclusive Excellence	
ECO 120S	3	Fundamentals of Economics	EC 2000	3
ECO 221S	3	Principles of Microeconomics	EC 2040	3
ECO 222S	3	Principles of Macroeconomics	EC 2050	3
GEO 121S	3	Physical Geography	GEO 2100	3
GEO 123S	3	Human Geography	GEO 2200	3
HST 121S	3	United States History to 1877	HST 2110	3
			Element C: Arts and Humanities	
			- History	
HST 122S	3	United States History Since 1877	HST 2120	3
			Element C: Arts and Humanities	
	_		- History	
HST 125S	3	Western Civilization to 1715	HST 1100	3
			Element C: Arts and Humanities	
			- History	
HST 126S	3	Western Civilization Since 1715	HST 1200	3
			Element C: Arts and Humanities	
			- History	
PLS 121S	3	American National Government	PLS 2120	3
PLS 122S	3	State & Local Government	PLS 3220	3
PSY 121S	3	Introduction to Psychology	PSY 1010	3
SOC 121S	3	Introduction to Sociology	SOC 2000	3
			Inclusive Excellence	
SOC 224S	3	Race & Ethnicity	SOC 3620	3

- All students with declared Information Technology and Cybersecurity major are automatically admitted as Pre-Information Technology and Cybersecurity students.
- In order to be admitted fully as an information technology and cybersecurity major at Wright State, students will need to achieve a cumulative GPA of a 2.25.
- Students must earn a C or higher in CIS 121S, CIS 211S, and ENG 121S at Edison State.
- Students must earn a C or higher in MTH 2240, MTH 2280, CS 2200, or EGR 1010 at Wright State.
- CEG 2350 equivalent at Wright State will be awarded for CIS 211S at Edison effective fall 2019. Students must complete both CIS 211S and 212S at Edison to earn credit for CEG 2350 at Wright State if taken prior to fall 2019.
- 120 hours minimum are required for a BS degree at Wright State.

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			FIRST	YEAR				
Edison	State Co	ommunity College		Wright	State Un	niversity		
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	
FALL SEMESTER								
CIS	110S	Computer Concepts and Applications	3	CS	1XXX	Non-Equivalent Transfer Course General Elective Credit	3	
CIS	211S	Operating System Concepts	3	CEG	2350	Operating System Concepts and Usage	3	
COM	121S	Introduction to Communication	3	COM	1010	Essentials of Public Address Element A: Communication	3	
ENG	121S	Composition I	3	ENG	1100	Academic Writing and Reading Element A: Communication	3	
		Ohio Transfer 36 Social & Behavioral Science Course	3			Element C: Arts and Humanities – History or Element D: Social and Behavioral Science	3	
		SI	PRING S	EMESTE	R			
CIS	117S	Cloud Foundations	1	CS	1XXX	Non-Equivalent Transfer Course General Elective Credit	1	
CIS	212S	Linux Administration	3	CS	2XXX	Non-Equivalent Transfer Course Technical Elective	3	
CIS	214S	Networking Essentials	3	CEG	2400	Introduction to PC Networking	3	
CIS	215S	IT Essentials	3	CS	2XXX	Non-Equivalent Transfer Course Technical Elective	3	
CIS	246S	Introduction to Networks	3	CS	2XXX	Non-Equivalent Transfer Course General Elective Credit	3	
MTH	125S	General Statistics	3	STT	2640	Elementary Statistics Element B: Mathematics	3	
Total Ho	ours:		31	Total Ho	ours:		31	

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			SECON	D YEAR				
Edison	State Co	ommunity College		_	State Un	iversity		
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	
FALL SEMESTER								
CIS	213S	Database Management Concepts	3	CS	3700	Introduction to Databases and Modeling	3	
CYB	236S	Computer Security Essentials	3	CS	2XXX	Non-Equivalent Transfer Course Technical Elective	3	
СҮВ	247S	Switching and Routing	3	CS	2XXX	Non-Equivalent Transfer Course Technical Elective	3	
ENG	125S	Technical Writing	3	EGR	3350	Technical Communications for Engineers and Scientists	3	
MKT	218S	Customer Service	1	MKT	2XXX	Non-Equivalent Transfer Course General Elective Credit	1	
		Ohio Transfer 36 Arts & Humanities Course	3			Element C: Arts and Humanities	3	
		S	PRING S	EMESTE	R			
CIS	121S	Introduction to Programming	3	CS	1160	Introduction to Computer Programming	3	
CIS	291L +	Capstone Project Internship Experience Internship Seminar	3 or 2+1	CS	2XXX	Non-Equivalent Transfer Course General Elective Credit	3	
СҮВ	248S	Security and Automation	3	CS	2XXX	Non-Equivalent Transfer Course General Elective Credit	3	
MGT	223S	Project Management	3	MGT	2XXX	Non-Equivalent Transfer Course General Elective Credit	3	
		Technical Elective	3	CS	1XXX or 2XXX	Non-Equivalent Transfer Course General Elective Credit	3	
Total He	ours:		31	Total Ho	ours:		31	

Total Credit Hours for Associate Degree: 62

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		THIRD YEAR		
Wright St	ate Unive	rsity		
SUBJECT CODE	COURSE IIII F			
		FALL SEMESTER		
CS	1000	Technology and Society Element D: Social and Behavioral Science Global Inquiry Inclusive Excellence Integrated Writing	3	
CS	1150	Introduction to Computer Science Element E: Natural Science	4	
CS EGR MTH MTH	2200, 1010, 2240, or 2280	Discrete Structures and Their Algorithms Introductory Mathematics for Engineering Applications Applied Calculus Business Calculus Element B: Mathematics	4	
		Element C: Arts and Humanities – History or Element D: Social and Behavioral Science	3	
		SPRING SEMESTER		
CEG	2410	System Administration	3	
CEG	3400	Introduction to Cyber Security	3	
CS	2800	Web Development I	3	
CS	3170	Mobile Application Development	3	
		Wright State Core Course Inclusive Excellence (Integrated Writing)	3	
Total Hou	ırs:		29	

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	FOURTH YEAR					
Wright St	Wright State University					
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS			
		FALL SEMESTER				
CEG	3410	Introduction to Digital Forensics	3			
CEG	4424	Security Attacks and Defenses	3			
CEG	4980	Team Projects I	3			
		Element E: Natural Science	4			
		General Elective Credit	1			
		SPRING SEMESTER				
CEG	4430	Cyber Network Security	3			
CEG	4981	Team Projects II	3			
CEG/CS		Technical Elective 4000 Level	3			
CEG/CS		Technical Elective 4000 Level	3			
		General Elective Credit	3			
Total Hours:						

Total Credit Hours for Bachelor's Degree: 120

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/edisonstate.

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

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Edison State 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 Edison State.

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Students must earn a C or higher in CIS 121S, CIS 211S, and ENG 121S at Edison State.

CEG 2350 equivalent at Wright State will be awarded for CIS 211S at Edison effective fall 2019. Students must complete both CIS 211S and 212S at Edison to earn credit for CEG 2350 at Wright State if taken prior to fall 2019.

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

3. CONTACT INFORMATION

Edison State Community College Coordinator of Transfer Pathways Advising Student Services Room #160 1973 Edison Dr., Piqua, OH 937-778-7844

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

This agreement will expire two years from date of signature.

26 September 2024

Date

Melissa A. Wertz.

Provost

Edison State Community College

9/26/2024

Amy Thompson, Ph.D.

Date

Provost and Senior Vice President for Academic Affairs Wright State University