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

Cybersecurity

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 | 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 |
| СОМ | 121S | 3 | Introduction to Communication | COM 1010 Element A: Communication | 3 |
| СҮВ | 236S + 237S | 3+3 | Computer Security Essentials System Vulnerabilities & Security | CEG 3400 + General Elective Credit (CEG 3400 Is Awarded after Completing Both CYB 236S and 237S) | 3+3 |
| СҮВ | 238S + 239S | 3+3 | Computer Forensics Essentials Advanced Computer Forensics | CEG 3410 + General Elective Credit (CEG 3410 Is Awarded after Completing Both CYB 238S and 239S) | 3+3 |
| CYB | 246S | 3 | Introduction to Networks | CS 2XXX Technical Elective | 3 |
| СҮВ | 247S | 3 | Switching and Routing | CS 2XXX | 3 |
| СҮВ | 248S | 3 | Security and Automation | Technical Elective CS 2XXX General Elective Credit | 3 |

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| ENG | 121S | 3 | Composition I | ENG 1100 | 3 |
|-------|------|----|-------------------------------------|--------------------------|----|
| | | | | Element A: Communication | |
| ENG | 125S | 3 | Technical Writing | EGR 3350 | 3 |
| | | | | Element A: Communication | |
| MKT | 218S | 1 | Customer Service | MKT 2XXX | 1 |
| | | | | General Elective Credit | |
| 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 |

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

| 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 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.

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- 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.

| 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 SE | MESTER | | | |
| 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 | EMESTER | ₹ | | |
| 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 | |
| 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 Technical Elective | 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 | | Wright | State Un | niversity | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | |
| FALL SEMESTER | | | | | | | | |
| СҮВ | 236S | Computer Security Essentials | 3 | CS | 2XXX | Non-Equivalent Transfer Course (CEG 3400 is granted after completing both CYB 236S and 237S) General Elective Credit | 3 | |
| СҮВ | 238S | Computer Forensics Essentials | 3 | CS | 2XXX | Non-Equivalent Transfer Course (CEG 3410 is granted after completing both CYB 238S and 239S) General Elective Credit | 3 | |
| CYB | 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 | |
| | | SF | PRING S | EMESTER | ₹ | | | |
| CIS | 121S | Introduction to Programming | 3 | CS | 1160 | Introduction to Computer Programming | 3 | |
| CIS | | Capstone Project Internship Experience Internship Seminar | 3 or 2+1 | CS | 2XXX | Non-Equivalent Transfer Course General Elective Credit | 3 | |
| СҮВ | 237S | System Vulnerabilities & Security | 3 | CEG | 3400 | Introduction to Cyber Security (CEG 3400 is granted after completing both CYB 236S and 237S) | 3 | |
| СҮВ | 239S | Advanced Computer Forensics | 3 | CEG | 3410 | Introduction to Digital Forensics (CEG 3410 is granted after completing both CYB 238S and 239S) | 3 | |
| СҮВ | 248S | Security and Automation | 3 | CS | 2XXX | Non-Equivalent Transfer Course General Elective Credit | 3 | |
| Total Ho | ours: | | 31 | Total Ho | ours: | | 31 | |

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Total Credit Hours for Associate Degree: 62

| | | THIRD YEAR | | | | |
|-------------------------|------------------------------------|--|-----------------|--|--|--|
| Wright St | ate Unive | rsity | | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | | | |
| 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 | | | |
| CS | 2800 | Web Development I | 3 | | | |
| | | Element E: Natural Science | 4 | | | |
| | | Wright State Core Course Inclusive Excellence (Integrated Writing) | 3 | | | |
| | | General Elective Credit | 3 | | | |
| Γotal Hou | irs: | | 30 | | | |

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| | | FOURTH YEAR | | | |
|-------------------------|------------------|--|-----------------|--|--|
| Wright State University | | | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | | |
| | | FALL SEMESTER | | | |
| CEG | 4980 | Team Projects I | 3 | | |
| CEG/CS | | Technical Elective 4000 Level | 3 | | |
| CS | 3170 | Mobile Application Development | 3 | | |
| CS | 3700 | Introduction to Databases and Modeling | 3 | | |
| | | General Elective Credit | 3 | | |
| | | SPRING SEMESTER | | | |
| CEG | 4424 | Security Attacks and Defenses | 3 | | |
| CEG | 4430 | Cyber Network Security | 3 | | |
| CEG | 4981 | Team Projects II | 3 | | |
| CEG/CS | | Technical Elective 4000 Level | 3 | | |
| | | General Elective Credit | 1 | | |
| Total Hou | ırs: | | 28 | | |

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.

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.

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.

Melissa A. Wertz. Æd

26 September 2024 Date

Provost

Edison State Community College

Amy Thompson, Ph.D.

Date

9/26/2024

Provost and Senior Vice President for Academic Affairs
Wright State University