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** 

to

**Wright State University** 

Cybersecurity

**Associate of Applied Science** 

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/clarkstate**.

| SUBJECT<br>CODE | COURSE<br>NUMBER | CLARK<br>STATE<br>CREDIT<br>HOUR | COURSE TITLE                             | WRIGHT STATE<br>COURSE #                  | WRIGHT<br>STATE<br>CREDIT<br>HOUR |
|-----------------|------------------|----------------------------------|--|---|-----------------------------------|
| СОМ             | 1120             | 3                                | Public Speaking I                        | COM 1010 General Elective Credit (Excess) | 3                                 |
| CSD             | 1510             | 3                                | Programming Fundamentals with Python     | CS 1160                                   | 3                                 |
| CSE             | 1110             | 3                                | Introduction to Cybersecurity            | CS 2XXX Technical Elective                | 3                                 |
| CSE             | 1120             | 3                                | Cybersecurity – Security +               | CEG 3400                                  | 3                                 |
| CSE             | 2261             | 3                                | Certified Ethical Hacking A Term         | CEG 2XXX  General Elective Credit         | 3                                 |
| CSE             | 2262             | 3                                | Cybersecurity Defense Analysis B<br>Term | CEG 2XXX  General Elective Credit         | 3                                 |
| ENG             | 1111             | 3                                | English I                                | ENG 1100 Element A: Communication         | 3                                 |
| ENG             | 2211             | 3                                | Business Communication                   | ENG 3000 General Elective Credit          | 3                                 |
| FYE             | 1101             | 1                                | College Success                          | UNK 1XXX General Elective Credit (Excess) | 1                                 |
| MGT             | 2000             | 3                                | Introduction to Project Management       | MGT 2XXX  General Elective Credit         | 3                                 |
| MTH             | 1060             | 3                                | Business Mathematics                     | MTH 1XXX  General Elective Credit         | 3                                 |
| NTK             | 1110             | 3                                | PC Hardware Essentials                   | CEG 1XXX  General Elective Credit         | 3                                 |
| NTK             | 1120             | 3                                | PC Operating Systems Essentials          | CEG 1XXX  General Elective Credit         | 3                                 |
| NTK             | 1211             | 3                                | Convergence Technology I                 | CS 1XXX  General Elective Credit          | 3                                 |
| NTK             | 2105             | 3                                | Cisco Certified Network Associate        | CEG 2400                                  | 3                                 |

Clark State College to Wright State University

Cybersecurity Information Technology and Cybersecurity

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| SUBJECT<br>CODE | COURSE<br>NUMBER | CLARK<br>STATE<br>CREDIT<br>HOUR | COURSE TITLE  | WRIGHT STATE<br>COURSE #                       | WRIGHT<br>STATE<br>CREDIT<br>HOUR |
|-----------------|------------------|----------------------------------|---|--|-----------------------------------|
| NTK             | 2115             | 3                                | Cisco Certified Network Associate   | CEG 2XXX Technical Elective                    | 3                                 |
| NTK             | 2125             | 3                                | Cisco Certified Network Associate III                                     | CEG 2XXX Technical Elective                    | 3                                 |
| NTK             | 2150             | 3                                | Cloud Technologies  | CEG 2XXX Technical Elective                    | 3                                 |
| NTK             | 2890             | 3                                | Computer Networking Capstone  | CEG 2XXX  General Elective Credit              | 3                                 |
|                 |                  | 3                                | One Ohio Transfer 36 Arts & Humanities History Course                     | Element C: Arts<br>and Humanities -<br>History | 3                                 |
|                 |                  | 3                                | One Ohio Transfer 36 Social & Behavioral Science Course  Global Awareness | Element D: Social and Behavioral Science       | 3                                 |
| TOTAL           |                  | 61                               |   |  | 61                                |

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

| CLARK STATE<br>COURSE | CLARK STATE<br>CREDIT HOUR | COURSE TITLE                    | WRIGHT STATE<br>COURSE # | WRIGHT<br>STATE<br>CREDIT<br>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 Social and Behavioral Science course that satisfies Global Awareness from:

| CLARK STATE<br>COURSE | CLARK STATE<br>CREDIT HOUR | COURSE TITLE                         | WRIGHT STATE<br>COURSE # | WRIGHT<br>STATE<br>CREDIT<br>HOUR |
|-----------------------|----------------------------|--------------------------------------|--------------------------|-----------------------------------|
| GEO 1100              | 3                          | Human Geography                      | GEO 2200                 | 3                                 |
| GEO 2200              | 3                          | World Regional Geography             | GEO 3300                 | 3                                 |
| PLS 1300              | 3                          | Introduction to Comparative Politics | PLS 3020                 | 3                                 |

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## **Associate of Applied Science**

| CLARK STATE<br>COURSE | CLARK STATE<br>CREDIT HOUR | COURSE TITLE                            | WRIGHT STATE<br>COURSE #                     | WRIGHT<br>STATE<br>CREDIT<br>HOUR |
|-----------------------|----------------------------|---|--|-----------------------------------|
| PLS 2300              | 3                          | Introduction to International Relations | PLS 2220                                     | 3                                 |
| PSY 1111              | 3                          | Introduction to Psychology              | PSY 1010                                     | 3                                 |
| RST 2700              | 3                          | Regional Studies: Africa                | RST 2710                                     | 3                                 |
| SOC 1110              | 3                          | Introduction to Sociology               | SOC 2000 Inclusive Excellence                | 3                                 |
| SOC 2220              | 3                          | Comparing Cultures                      | ATH 2150 Global Inquiry Inclusive Excellence | 3                                 |
| SOC 2230              | 3                          | Social Problems                         | SOC 2200                                     | 3                                 |
| SOC 2240              | 3                          | Racial and Cultural Minorities          | 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 earn a cumulative GPA of a 2.25 at Wright State.
- Students must earn a C or higher in CSD 1510, ENG 1111, NTK 1120, and NTK 2212 at Clark State
- Students must earn a C or higher in CS 2200, EGR 1010, MTH 2240, MTH 2280, or MTH 2300 at Wright State.
- 125 hours minimum are required for a BS degree at Wright State.

| FIRST YEAR      |                  |  |                 |                 |                  |   |                 |  |
|-----------------|------------------|--|-----------------|-----------------|------------------|---|-----------------|--|
| Clark St        | tate Coll        | ege  |                 | Wright          | State Un         | iversity  |                 |  |
| SUBJECT<br>CODE | COURSE<br>NUMBER | COURSE TITLE   | CREDIT<br>HOURS | SUBJECT<br>CODE | COURSE<br>NUMBER | COURSE TITLE  | CREDIT<br>HOURS |  |
|                 |                  |  | FALL SE         | MESTER          |                  |   |                 |  |
| COM             | 1120             | Public Speaking I                                    | 3               | COM             | 1010             | Essentials of Public Address General Elective Credit (Excess)   | 3               |  |
| 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               |  |
| NKT             | 1110             | PC Hardware Essentials                               | 3               | CEG             | 1XXX             | Non-Equivalent Transfer Course  General Elective Credit         | 3               |  |
| NKT             | 1120             | PC Operating Systems Essentials                      | 3               | CEG             | 1XXX             | Non-Equivalent Transfer Course  General Elective Credit         | 3               |  |
|                 |                  | Ohio Transfer 36 Arts &<br>Humanities History Course | 3               |                 |                  | Element C: Arts and Humanities<br>- History                     | 3               |  |

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|                 |                  |  | FIRST           | YEAR            |                  |   |                 |
|-----------------|------------------|--|-----------------|-----------------|------------------|---|-----------------|
| Clark St        | tate Coll        | ege  |                 | Wright          | State Un         | niversity   |                 |
| SUBJECT<br>CODE | COURSE<br>NUMBER | COURSE TITLE   | CREDIT<br>HOURS | SUBJECT<br>CODE | COURSE<br>NUMBER | COURSE TITLE  | CREDIT<br>HOURS |
|                 |                  | S  | PRING S         | EMESTE          | R                |   |                 |
| CSE             | 1110             | Introduction to Cybersecurity                          | 3               | CS              | 2XXX             | Non-Equivalent Transfer Course Technical Elective       | 3               |
| CSE             | 1120             | Cybersecurity – Security +                             | 3               | CEG             | 3400             | Introduction to Cyber Security                          | 3               |
| NTK             | 1211             | Convergence Technology I                               | 3               | CS              | 1XXX             | Non-Equivalent Transfer Course  General Elective Credit | 3               |
| MTH             | 1060             | Business Mathematics                                   | 3               | MTH             | 1XXX             | Non-Equivalent Transfer Course  General Elective Credit | 3               |
|                 |                  | Ohio Transfer 36 Social &<br>Behavioral Science Course | 3               |                 |                  | Element D: Social and<br>Behavioral Science             | 3               |
| Total Ho        | ours:            | Olobal Awareness                                       | 31              | Total Ho        | ours:            |   | 31              |

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|                 |                  | ;   | SECON           | D YEAR          |                  |  |                 |
|-----------------|------------------|---|-----------------|-----------------|------------------|--|-----------------|
| Clark S         | tate Coll        | lege  |                 | Wright          | State Un         | niversity  |                 |
| SUBJECT<br>CODE | COURSE<br>NUMBER | COURSE TITLE                                      | CREDIT<br>HOURS | SUBJECT<br>CODE | COURSE<br>NUMBER | COURSE TITLE   | CREDIT<br>HOURS |
|                 |                  | F   | ALL SE          | MESTER          |                  |  |                 |
| CSE             | 2261             | Certified Ethical Hacking A Term                  | 3               | CEG             | 2XXX             | Non-Equivalent Transfer Course General Elective Credit       | 3               |
| CSE             | 2262             | Cybersecurity Defense Analysis<br>B Term          | 3               | CEG             | 2XXX             | Non-Equivalent Transfer<br>Course<br>General Elective Credit | 3               |
| ENG             | 2211             | Business Communication                            | 3               | ENG             | 3000             | Business Writing<br>General Elective Credit                  | 3               |
| NTK             | 2105             | Cisco Certified Network<br>Associate I (A Term)   | 3               |                 | 2400             | Introduction to PC Networking                                | 3               |
| NTK             | 2115             | Cisco Certified Network<br>Associate II (B Term)  | 3               | CEG             | 2XXX             | Non-Equivalent Transfer Course                               | 3               |
|                 |                  | SP.   | RING SE         | EMESTER         | 5                | Technical Elective   |                 |
| CSD             | 1510             | Programming Fundamentals with Python              | 3               |                 | 1160             | Introduction to Computer Programming                         | 3               |
| MGT             | 2000             | Introduction to Project<br>Management             | 3               | MGT             | 2XXX             | Non-Equivalent Transfer<br>Course<br>General Elective Credit | 3               |
| NTK             | 2125             | Cisco Certified Network<br>Associate III (A Term) | 3               | CEG             | 2XXX             | Non-Equivalent Transfer<br>Course<br>Technical Elective      | 3               |
| NTK             | 2150             | Cloud Technologies (B Term)                       | 3               | CEG             | 2XXX             | Non-Equivalent Transfer<br>Course<br>Technical Elective      | 3               |
| NTK             | 2890             | Computer Networking Capstone                      | 3               | CEG             | 2XXX             | Non-Equivalent Transfer<br>Course<br>General Elective Credit | 3               |
| Total Ho        | ours:            |   | 30              | Total He        | ours:            |  | 30              |

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

Students must complete the following coursework prior to transferring to Wright State in order to graduate from Wright State in a timely manner:

Clark State College Wright State University

Cybersecurity Information Technology and Cybersecurity

**Bachelor of Science** 

Associate of Applied Science

| SUBJECT<br>CODE | COURSE<br>NUMBER | CLARK<br>STATE<br>CREDIT<br>HOUR | COURSE TITLE                | WRIGHT STATE<br>COURSE #  | WRIGHT<br>STATE<br>CREDIT<br>HOUR |
|-----------------|------------------|----------------------------------|-----------------------------|---|-----------------------------------|
| NTK             | 2212             | 3                                | Linux Server Administration | CEG 2350<br>(CEG 2350 Is Awarded<br>After Completing both<br>NTK 1120 and 2212) | 3                                 |
| TOTAL           |                  | 3                                |                             |   | 3                                 |

• Students must earn a C or higher in NTK 2212.

|          |                  | THIRD YEAR  |    |  |  |  |  |  |
|----------|------------------|---|----|--|--|--|--|--|
| Wright S | State Univ       | rersity   |    |  |  |  |  |  |
| SUBJECT  | COURSE<br>NUMBER | COURSE TITLE  |    |  |  |  |  |  |
|          |                  | FALL SEMESTER   |    |  |  |  |  |  |
| CS       | 1000             | Technology and Society  | 3  |  |  |  |  |  |
|          |                  | Element D: Social and Behavioral Science                                  |    |  |  |  |  |  |
|          |                  | Global Inquiry  |    |  |  |  |  |  |
|          |                  | Inclusive Excellence  |    |  |  |  |  |  |
|          |                  | Integrated Writing  |    |  |  |  |  |  |
| CS       | 2200,            | Discrete Structures and Their Algorithms                                  | 4  |  |  |  |  |  |
| EGR      | 1010,            | Introductory Mathematics for Engineering Applications                     |    |  |  |  |  |  |
| MTH      | 2240,            | Applied Calculus  |    |  |  |  |  |  |
| MTH      | 2280, or         | Business Calculus   |    |  |  |  |  |  |
| MTH      | 2300             | Calculus I  |    |  |  |  |  |  |
|          |                  | Element B: Mathematics  |    |  |  |  |  |  |
| CS       | 2800             | Web Development I   | 3  |  |  |  |  |  |
| EGR      | 3350 or          | Technical Communications for Engineers and Computer Scientists            | 3  |  |  |  |  |  |
| ENG      | 2140             | Research, Technical Writing and Presentation for Scientists and Engineers |    |  |  |  |  |  |
|          |                  | Element A: Communication  |    |  |  |  |  |  |
|          |                  | SPRING SEMESTER   |    |  |  |  |  |  |
| CEG      | 2410             | System Administration   | 3  |  |  |  |  |  |
| CEG      | 3410             | Introduction to Digital Forensics   | 3  |  |  |  |  |  |
| CS       | 1150             | Introduction to Computer Science  | 4  |  |  |  |  |  |
|          |                  | Element E: Natural Science  |    |  |  |  |  |  |
| CS       | 3170             | Mobile Application Development  | 3  |  |  |  |  |  |
| CS       | 3700             | Introduction to Databases and Modeling                                    | 3  |  |  |  |  |  |
| Total Ho | urs:             |   | 29 |  |  |  |  |  |

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|                 |                 | FOURTH YEAR  |    |  |  |  |  |  |
|-----------------|-----------------|--|----|--|--|--|--|--|
| Wright          | State Univ      | versity  |    |  |  |  |  |  |
| SUBJECT<br>CODE | COURSE TILE     |  |    |  |  |  |  |  |
|                 |                 | FALL SEMESTER  |    |  |  |  |  |  |
| CEG             | 4424            | Security Attacks and Defenses  | 3  |  |  |  |  |  |
| CEG             | 4980            | Team Projects I  | 3  |  |  |  |  |  |
| CEG/CS          |                 | Technical Elective 4000 Level  | 3  |  |  |  |  |  |
| STT             | 1600 or<br>2640 | Statistical Concepts Elementary Statistics Element B: Mathematics        | 4  |  |  |  |  |  |
|                 |                 | Element C: Arts and Humanities Inclusive Excellence (Integrated Writing) | 3  |  |  |  |  |  |
|                 |                 | SPRING SEMESTER  |    |  |  |  |  |  |
| CEG             | 4430            | Cyber Network Security   | 3  |  |  |  |  |  |
| CEG             | 4981            | Team Projects II   | 3  |  |  |  |  |  |
| CEG/CS          |                 | Technical Elective 4000 Level  | 3  |  |  |  |  |  |
|                 |                 | Element E: Natural Science   | 4  |  |  |  |  |  |
|                 |                 | Wright State Core Course   | 3  |  |  |  |  |  |
| Total Ho        | ours:           |  | 32 |  |  |  |  |  |

Total Credit Hours for Bachelor's Degree: 125

# 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.

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### **Associate of Applied Science**

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 information technology and cybersecurity 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 CSD 1510, ENG 1111, NTK 1120, and NTK 2212 at Clark State.

## 2. TUITION AND SCHOLARSHIPS

Students interested in scholarship opportunities at Wright State should contact:

Transfer Center
Student Union 138
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-5700
transfer@wright.edu

## 3. CONTACT INFORMATION

Clark State College Travis Binkley, Dean Enrollment Services binkleyt@clarkstate.edu 937-431-7157 Wright State University Transfer Center 138 Student Union 3640 Colonel Glenn Hwy. 937-775-5700

| Clark State College          | to | Wright State University    |
|------------------------------|----|----------------------------|
| Cybersecurity                |    | Information Technology and |
|                              |    | Cybersecurity              |
| Associate of Applied Science |    | Bachelor of Science        |

6.24.2024

This agreement will expire two years from date of signature.

Dr. Adrienne Forgette

Date Vice President of Academic Affairs

Clark State College

7/22/2024

Dr. Amy Thompson

Date

Provost and Senior Vice President for Academic Affairs