

PARTNERSHIP ARTICULATION AGREEMENT

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

Columbus State Community College

to

Wright State University

Computer Science – Game Developer

**Information Technology and
Cybersecurity**

Associate of Applied Science

Bachelor of Science



| SUBJECT CODE | COURSE NUMBER | COLUMBUS STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------|---------------|----------------------------|---|---|--------------------------|
| COLS | 1100 | 1 | First Year Experience Seminar | UNK 1XXX <small>General Elective Credit</small> | 1 |
| COMM | 2204 | 3 | Technical Writing | ENG 2020 <small>General Elective Credit</small> | 3 |
| CSCI | 1101 | 3 | Computer Concepts & Apps | CS 1XXX <small>General Elective Credit</small> | 3 |
| CSCI | 1103 | 3 | Intro to Programming Logic | CS 1XXX <small>General Elective Credit</small> | 3 |
| CSCI | 1145 + 2447 | 3+3 | HTML JavaScript Fundamentals | CS 2800 + 1XXX <small>Required Computer Science Course + General Elective Credit</small> | 3+3 |
| CSCI | 1152 | 3 | Networking Concepts (Network+) | CEG 2400 | 3 |
| CSCI | 1511 | 3 | Python Programming | CS 1160 | 3 |
| CSCI | 1551 + 2541 | 3+3 | Concepts of 3D Games Engines Foundations of 2-D Game Programming | CS 3160 + 1XXX <small>Technical Elective + General Elective Credit</small> | 3+3 |
| CSCI | 2521 | 3 | C++ Programming | CEG 2171 <small>Technical Elective</small> | 3 |
| CSCI | 2551 | 3 | Graphics in 3-D Game Engines | CS 3XXX <small>Technical Elective</small> | 3 |
| CSCI | 2556 | 3 | 3-D Game Project | CS 3XXX <small>Technical Elective</small> | 3 |
| ENGL | 1100 or 1101 | 3 or 6 | Composition I Composition I Plus | ENG 1100 <small>Element A: Communication (+ General Elective Credit – Excess))</small> | 3 or 3+3 |
| IMM | 1115 | 3 | Survey of Gaming Industry | UNK 1XXX <small>General Elective Credit</small> | 3 |
| IMM | 1201 | 3 | 3D Modeling 1 | UNK 1XXX <small>General Elective Credit</small> | 3 |
| IMM | 1202 | 3 | 3D Modeling 2 | UNK 1XXX <small>General Elective Credit</small> | 3 |
| IMM | 1220 | 2 | Digital Media Preparation | UNK 1XXX <small>General Elective Credit</small> | 2 |

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| | | | | | |
|--------------|------|--------------|--|--|--------------|
| MATH | 1148 | 4 | College Algebra (Substitutes for MATH 1111) | MTH 1280 Element B: Mathematics | 4 |
| | | 3 | One Ohio Transfer 36 Arts & Humanities History Course | Element C: Arts and Humanities - History | 3 |
| | | 3 | One Ohio Transfer 36 Social & Behavioral Science Course | Element D: Social and Behavioral Science | 3 |
| | | 3-5 | One Ohio Transfer 36 Natural & Physical Sciences Course | Element E: Natural Science | 3-5 |
| TOTAL | | 64-69 | | | 64-69 |

- Choose one Ohio Transfer 36 Arts & Humanities history course from (Consult with your Columbus State and Wright State advisors for additional course options):

| COLUMBUS STATE COURSE | COLUMBUS STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|------------------------------|-----------------------------------|--|------------------------------|---------------------------------|
| HIST 1111 | 3 | European History to 1648 | HST 1100 | 3 |
| HIST 1112 | 3 | European History Since 1648 | HST 1200 | 3 |
| HIST 1151 | 3 | American History to 1877 | HST 2110 | 3 |
| HIST 1152 | 3 | American History Since 1877 | HST 2120 | 3 |
| HIST 1181 | 3 | World Civ I Non-Western to 1500 | HST 1XXX | 3 |
| HIST 1182 | 3 | World Civ II Non-Western Since 1500 | HST 1XXX | 3 |
| HIST 2223 | 3 | African-American History I Before 1877 | HST 2XXX | 3 |
| HIST 2224 | 3 | African-American History II Since 1877 | HST 2XXX | 3 |

- Choose one Ohio Transfer 36 Social & Behavioral Science course from (Consult with your Columbus State and Wright State advisors for additional course options):

| COLUMBUS STATE COURSE | COLUMBUS STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|------------------------------|-----------------------------------|------------------------------|------------------------------|---------------------------------|
| ANTH 2202 | 3 | Peoples & Culture | ATH 2150 | 3 |
| ECON 2200 | 3 | Principles of Microeconomics | EC 2040 | 3 |
| GEOG 2400 | 3 | Economic & Social Geography | GEO 2200 | 3 |

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|-----------|---|-------------------------------------|----------|---|
| POLS 1100 | 3 | Introduction to American Government | PLS 2120 | 3 |
| PSY 1100 | 3 | Introduction to Psychology | PSY 1010 | 3 |
| SOC 1101 | 3 | Introduction to Sociology | SOC 2000 | 3 |

- Choose one Ohio Transfer 36 Natural Sciences course from (Consult with your Columbus State and Wright State advisors for additional course options):

| COLUMBUS STATE COURSE | COLUMBUS STATE CREDIT HOUR | COURSE TITLE | WRIGHT STATE COURSE # | WRIGHT STATE CREDIT HOUR |
|--------------------------------------|---|---------------------------------------|--|---|
| ASTR 1141 | 3 | Life in the Universe | PHY 1XXX | 3 |
| ASTR 1161 | 3 | The Solar System | PHY 1XXX | 3 |
| ASTR 1162 | 3 | Stars and Galaxies | PHY 1XXX | 3 |
| ASTR 1400 | 1 | Astronomy Laboratory | PHY 1XXX | 1 |
| BIO 1107 | 4 | Human Biology | BIO 1XXX | 4 |
| BIO 1111 | 4 | Introduction to Biology | BIO 1070 | 4 |
| BIO 1113 | 4 | Biological Sciences I | BIO 1120 | 4 |
| BIO 1125 | 4 | Plant Biology | BIO 1XXX | 4 |
| BIO 1127 | 4 | Introduction to Environmental Science | BIO 1XXX | 4 |
| BIO 2215 | 4 | Microbiology | BIO 2200 | 4 |
| BIO 2301 | 4 | Human Physiology | BIO 2XXX | 4 |
| CHEM 1100 | 5 | Chemistry and Society | CHM 1XXX | 5 |
| CHEM 1111 | 4 | Elementary Chemistry I | CHM 1010 + General Elective Credit | 3+1 |
| CHEM 1171 | 5 | General Chemistry I | CHM 1210 + 1210L | 3+2 |
| GEOL 1101 | 4 | Introduction to Earth Science | EES 1XXX | 4 |
| GEOL 1105 | 3 | Geology and the National Parks | EES 1XXX | 4 |
| GEOL 1121 | 4 | Physical Geology | EES 2510 | 4 |
| GEOL 1151 | 3 | Natural Disasters | EES 1XXX | 3 |
| PHYS 1103 | 3 | World of Energy | PHY 1XXX | 3 |
| PHYS 1200 | 5 | Introductory Algebra-Based Physics I | PHY 1110 + 1110L | 4+1 |

- All students with declared information technology and cybersecurity major are automatically admitted as Pre-Information Technology and Cybersecurity students.

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- 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 at Wright State.
- Students must earn a C or higher in CSCI 1511 and ENGL 1100 at Columbus State.
- Students must earn a C or higher in CEG 2350; and MTH 2240, MTH 2280, MTH 2570, CS 2200, or EGR 1010 at Wright State.
- 120-125 hours minimum are required for a BS degree at Wright State.

| FIRST YEAR | | | | | | | |
|----------------------------------|---------------|---|--------------|-------------------------|---------------|--|--------------|
| Columbus State Community College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | | | | | |
| COLS | 1100 | First Year Experience Seminar | 1 | UNK | 1XXX | Non-Equivalent Transfer Course General Elective Credit (Excess) | 1 |
| CSCI | 1101 | Computer Concepts & Apps | 3 | CS | 1XXX | Non-Equivalent Transfer Course General Elective Credit (Excess) | 3 |
| CSCI | 1103 | Intro to Programming Logic | 3 | CS | 1XXX | Non-Equivalent Transfer Course General Elective Credit | 3 |
| ENGL | 1100 or 1101 | Composition I Composition I Plus | 3 or 6 | ENG | 1100 | Academic Writing and Reading Element A: Communication (+ General Elective Credit – Excess) | 3 or 3+3 |
| IMM | 1115 | Survey of Gaming Industry | 3 | UNK | 1XXX | Non-Equivalent Transfer Course General Elective Credit | 3 |
| SPRING SEMESTER | | | | | | | |
| CSCI | 1145 | HTML | 3 | CS | 1XXX | Non-Equivalent Transfer Course (CS 2800 Is Awarded after Completing Both CSCI 1145 and 2447) General Elective Credit | 3 |
| CSCI | 1152 | Networking Concepts (Network+) | 3 | CEG | 2400 | Introduction to PC Networking | 3 |
| CSCI | 1511 | Python Programming | 3 | CS | 1160 | Introduction to Computer Programming | 3 |
| MATH | 1148 | College Algebra (Substitutes for MATH 1111) | 4 | MTH | 1280 | College Algebra Element B: Mathematics | 4 |
| | | Ohio Transfer 36 Social & Behavioral Science Course | 3 | | | Element D: Social and Behavioral Science | 3 |
| SUMMER SEMESTER | | | | | | | |

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| FIRST YEAR | | | | | | | |
|----------------------------------|---------------|------------------------------|--------------|-------------------------|---------------|---|--------------|
| Columbus State Community College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| COMM | 2204 | Technical Writing | 3 | ENG | 2020 | Topics in Writing <small>General Elective Credit</small> | 3 |
| CSCI | 1551 | Concepts of 3D Games Engines | 3 | CS | 1XXX | Non-Equivalent Transfer Course (CS 3160 Is Awarded after Completing Both CSCI 1551 and 2541) <small>General Elective Credit</small> | 3 |
| CSCI | 2447 | JavaScript Fundamentals | 3 | CS | 2800 | Web Development I (CS 2800 Is Awarded after Completing Both CSCI 1145 and 2447) | 3 |
| Total Hours: | | | 38-41 | Total Hours: | | | 38-41 |

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| SECOND YEAR | | | | | | | |
|----------------------------------|---------------|---|--------------|-------------------------|---------------|---|--------------|
| Columbus State Community College | | | | Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS | SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | | | | | |
| CSCI | 2521 | C++ Programming | 3 | CEG | 2171 | C++ Programming for Scientists and Engineers <small>Technical Elective</small> | 3 |
| CSCI | 2541 | Foundations of 2-D Game Programming | 3 | CS | 3160 | Game Programming (CS 3160 Is Awarded after Completing Both CSCI 1551 and 2541) <small>Technical Elective</small> | 3 |
| CSCI | 2551 | Graphics in 3-D Game Engines | 3 | CEG | 3XXX | Non-Equivalent Transfer Course <small>Technical Elective</small> | 3 |
| IMM | 1201 | 3D Modeling 1 | 3 | UNK | 1XXX | Non-Equivalent Transfer Course <small>General Elective Credit</small> | 3 |
| IMM | 1220 | Digital Media Preparation | 2 | UNK | 1XXX | Non-Equivalent Transfer Course <small>General Elective Credit</small> | 2 |
| SPRING SEMESTER | | | | | | | |
| CSCI | 2556 | 3-D Game Project | 3 | CEG | 3XXX | Non-Equivalent Transfer Course <small>Technical Elective</small> | 3 |
| IMM | 1202 | 3D Modeling 2 | 3 | UNK | 1XXX | Non-Equivalent Transfer Course <small>General Elective Credit</small> | 3 |
| | | Ohio Transfer 36 Arts & Humanities History Course | 3 | | | Element C: Arts and Humanities - History | 3 |
| | | Ohio Transfer 36 Natural & Physical Sciences Course | 3-5 | | | Element E: Natural Science | 3-5 |
| Total Hours: | | | 26-28 | Total Hours: | | | 26-28 |

Total Credit Hours for Associate Degree: 64-69

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THIRD YEAR

Wright State University

| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
|--------------------------------|---|--|--------------|
| FALL SEMESTER | | | |
| CEG | 2350 | Operating System Concepts and Usage | 3 |
| CS | 1000 | Technology and Society Element D: Social and Behavioral Science Global Inquiry Integrated Writing | 3 |
| CS EGR MTH MTH MTH | 2200, 1010, 2240, 2280, or 2570 | Discrete Structures and Their Algorithms Introductory Mathematics for Engineering Applications Applied Calculus Business Calculus Discrete Mathematics for Computing Element B: Mathematics | 4 |
| EGR ENG | 3350 or 2140 | Technical Communications for Engineers and Scientists Research, Technical Writing and Presentation for Scientists and Engineers Element A: Communication | 3 |
| SPRING SEMESTER | | | |
| CEG | 2410 | System Administration | 3 |
| CEG | 3400 | Introduction to Cyber Security | 3 |
| CEG | 3410 | Introduction to Digital Forensics | 3 |
| CS | 3170 | Mobile Application Development | 3 |
| CS | 3700 | Introduction to Databases & Modeling | 3 |
| Total Hours: | | | 28 |

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| FOURTH YEAR | | | |
|-------------------------|---------------|---|--------------|
| Wright State University | | | |
| SUBJECT CODE | COURSE NUMBER | COURSE TITLE | CREDIT HOURS |
| FALL SEMESTER | | | |
| CEG | 4424 | Security Attacks and Defenses | 3 |
| CEG | 4430 | Cyber Network Security | 3 |
| CEG | 4980 | Team Projects I | 3 |
| STT | 1600 or 2640 | Statistical Concepts Elementary Statistics Element B: Mathematics | 4 |
| | | Element C: Arts and Humanities (Integrated Writing) | 3 |
| SPRING SEMESTER | | | |
| CEG | 4981 | Team Projects II | 3 |
| CEG/CS | | Technical Elective 4000 Level | 3 |
| CEG/CS | | Technical Elective 4000 Level | 3 |
| | | Element E: Natural Science | 3 |
| Total Hours: | | | 28 |

Total Credit Hours for Bachelor's Degree: 120-125

1. ADMISSIONS AND DEADLINES

Transfer to Wright State University

Students must earn a minimum 2.0 GPA from Columbus State Community 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 Columbus State Community College.

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 at Wright State.

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Students must earn a C or higher in CSCI 1511 and ENGL 1100 at Columbus 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

3. CONTACT INFORMATION

Columbus State Community College
University Transfer Center
126 Aquinas Hall
550 East Spring St., Columbus, OH
614-287-2184

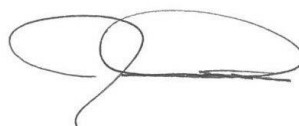
Wright State University
Transfer Center
138 Student Union
3640 Colonel Glenn Hwy., Dayton, OH
937-775-5700

This agreement will expire two years from date of signature.

DocuSigned by:


10/7/2025

Kelly Hogan, Ed.D.
Associate Vice President for Academic Affairs
Columbus State Community College



10/8/2025

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