

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 (Excess)</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 (Excess)</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	Composition I Composition IW: Composition Workshop	ENG 1100 <small>Element 1: Communication</small>	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

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IMM	1220	2	Digital Media Preparation	UNK 1XXX <small>General Elective Credit</small>	2
MATH	1148	4	College Algebra (Substitutes for MATH 1111)	MTH 1280 <small>Additional Core Course</small>	4
		3	One Ohio Transfer 36 Arts & Humanities Course	Element 3: Global Traditions History or Element 4: Arts/Humanities	3
		3	One Ohio Transfer 36 Social & Behavioral Sciences Course	Element 5: Social Science	3
		3-5	One Ohio Transfer 36 Natural & Physical Science Course	Element 6: Natural Science	3-5
TOTAL		64-66			64-66

- Choose one Ohio Transfer 36 Arts & Humanities 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
ARCH 2200	3	History of Architecture	UNK 2XXX	3
HART 1201	3	History of Art I	ART 2110	3
HART 1202	3	History of Art II	ART 2120	3
HIST 111	3	European History to 1648	HST 1100 <small>Element 3: Global Traditions History</small>	3
HIST 1112	3	European History Since 1648	HST 1200 <small>Element 3: Global Traditions History</small>	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
HUM 1100	3	Introduction to Humanities	UNK 1XXX	3
HUM 1270	3	Comparative Religions	UNK 1XXX	3

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MUS 1251	3	Survey of Music History	MUS 1XXX	3
PHIL 1101	3	Intro to Philosophy	PHL 2050	3
PHIL 1130	3	Ethics	PHL 3110	3

- Choose one Ohio Transfer 36 Social & Behavioral 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
ANTH 2202	3	Peoples & Culture	ATH 2150 <small>Element 3: Global Traditions</small>	3
ECON 2200	3	Principles of Microeconomics	EC 2040	3
GEOG 2400	3	Economic & Social Geography	GEO 2200	3
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 & Physical 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
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 1114	4	Biological Sciences II	BIO 1150	4
BIO 1125	4	Plant Biology	BIO 1XXX	4
BIO 1127	4	Introduction to Environmental Science	BIO 1XXX	4
BIO 2215	4	Introduction to Microbiology	BIO 2200	4

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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 1112	4	Elementary Chemistry II	CHM 1020	4
CHEM 1113	4	Elements of Organic/Biochemistry	CHM 1020	4
CHEM 1171	5	General Chemistry I	CHM 1210 + 1210L	3+2
CHEM 1172	5	General Chemistry II	CHM 1220 + 1220L	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 1122	4	Historical Geology	EES 2550	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
PHYS 1201	5	Introductory Algebra-Based Physics II	PHY 1120 + 1120L	4+1
PHYS 1250	5	Calculus-Based Physics I	PHY 2400 + 2400L	4+1
PHYS 1251	5	Calculus-Based Physics II	PHY 2410 + 2410L	4+1

- 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 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, CS 2200, or EGR 1010 at Wright State.
- 124-126 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							

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Columbus State Community College				Wright State University			
SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS	SUBJECT CODE	COURSE NUMBER	COURSE TITLE	CREDIT HOURS
COLS	1100	First Year Experience Seminar	1	UNK	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit (Excess)</small>	1
CSCI	1101	Computer Concepts & Apps	3	CS	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit (Excess)</small>	3
CSCI	1103	Intro to Programming Logic	3	CS	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit</small>	3
ENGL	1100 or 1101	Composition I Composition IW: Composition Workshop	3	ENG	1100	Academic Writing and Reading <small>Element 1: Communication</small>	3
IMM	1115	Survey of Gaming Industry	3	UNK	1XXX	Non-Equivalent Transfer Course <small>General Elective Credit</small>	3
SPRING SEMESTER							
CSCI	1145	HTML	3	CS	1XXX	Non-Equivalent Transfer Course <small>(CS 2800 Is Awarded after Completing Both CSCI 1145 and 2447) General Elective Credit</small>	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 <small>(Substitutes for MATH 1111)</small>	4	MTH	1280	College Algebra <small>Additional Core Course</small>	4
		Ohio Transfer 36 Social & Behavioral Sciences Course	3			Element 5: Social Science	3
SUMMER SEMESTER							
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 <small>(CS 3160 Is Awarded after Completing Both CSCI 1551 and 2541) General Elective Credit</small>	3

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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
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	Total Hours:			38

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 Course	3			Element 3: Global Traditions History or Element 4: Arts/Humanities	3
		Ohio Transfer 36 Natural & Physical Science Course	3-5			Element 6: Natural Science	3-5
Total Hours:			26-28	Total Hours:			26-28

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Total Credit Hours for Associate Degree: 64-66

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 3: Global Traditions Multicultural Competence Integrated Writing	3
CS	1150	Introduction to Computer Science Element 6: Natural Science	4
CS EGR MTH MTH	2200, 1010, 2240, or 2280	Choose One: Discrete Structures and Their Algorithms Introductory Mathematics for Engineering Applications Applied Calculus Business Calculus Element 2: Mathematics	4
EGR	3350	Technical Communications for Engineers and Scientists Element 1: 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:			32

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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 <small>Additional Core Course</small>	4
SPRING SEMESTER			
CEG	4981	Team Projects II	3
CEG/CS		Technical Elective 4000 Level	3
CEG/CS		Technical Elective 4000 Level	3
		Element 3: Global Traditions History or Element 4: Arts/Humanities	3
		Element 5: Social Science <small>Multicultural Competence Integrated Writing</small>	3
Total Hours:			28

Total Credit Hours for Bachelor’s Degree: 124-126

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:

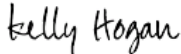
Transfer Center
138 Student Union
3640 Colonel Glenn Hwy.
Dayton, OH 45435
937-775-5700
transfer@wright.edu


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:

8/29/2023
Date
Kelly Hogan, Ed.D.
Associate Vice President for Academic Affairs
Columbus State Community College


8/30/2023
Date
Amy Thompson, Ph.D.
Provost and Senior Vice President for Academic Affairs
Wright State University

DocuSigned by:

8/30/2023
Date
Gloria Rogiers

Dean Information Systems Technology

x

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MW