Bachelor of Science: Cybersecurity
**Transfer Guide– Pikes Peak Community College Students
Transferring to Colorado State University Pueblo
Effective starting August 2022**

I. General Education Courses at PPCC

	Credit Hours	Pikes Peak Community College Course Number and Title or gtPathways Category	CSU Pueblo Course (credits)
Written Communication	3	ENG 131: English Composition I (GT-CO1)	ENG 101, 3 credits
Mathematics	4	MAT 121 College Algebra (GT-MA)	MATH 120, 3 credits
Arts & Humanities	3	COM 115	COMR 103, 3 credits
Social Sciences	3	SOC 218 Sociology of Diversity (GT-SS3)	3 credits
	13		**12 credits**

II. Required Courses at PPCC

Credit Hours	Pikes Peak Community College Course Number and Title	CSU-Pueblo Course (credits)
3	CIS 124	3 credits
3	CIS 223 *Plus credit by exam for CSU Pueblo CIS 315	3 credits
3	CNG 102 *Plus credit by exam by exam for CSU Pueblo CIS 401	3 credits
3	CNG 132	3 credits
5	CNG 260	5 credits
5	CNG 261	5 credits
5	CNG 270	5 credits
3	CSC 105	3 credits
3	CSC 119 Intro to Programming	3 credits
3	CSC 129	3 credits
3	CSC 160	3 credits
3	CSC 217	3 credits
42	**TOTAL REQUIRED COURSE CREDITS**	**42 credits**

III. Courses from CSU Pueblo for Reverse Transfer to PPCC

Credit Hours	CSU Pueblo Course Number and Title	PPCC Course number
3	CIS 460 Cyber Security & Defense	CNG 257
4	CSI 461 IT Security Risk Management	CIS 280
7	**TOTAL REVERSE TRANSFER**	

62	**TOTAL ASSOCIATE DEGREE CREDITS**

ASSOCIATE OF ARTS OR SCIENCE DEGREE REQUIREMENTS (60 Credits):
Students should note that all required courses must be satisfactorily completed as part of the AAS degree at the community college and will also transfer and apply to the bachelor's degree requirements at the receiving 4-year institution. However, if you're going to transfer before completing the AAS degree, you may not need some of these courses. In that case, check with the receiving institution and an advisor for your options.

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GUARANTEES & LIMITATIONS

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1. **Completion of Associate's Degree:** This transfer guide identifies the courses a student needs to complete (with a C- or higher) to earn an AA or AS degree at a Colorado community/junior college in order to be able to finish the designated baccalaureate degree in no more than 60 credits. Per Colorado Commission on Higher Education (CCHE) Policy I, L, students who complete an AA or AS degree at a Colorado community/junior college and who are admitted to a Colorado public baccalaureate institution are guaranteed the following: the full transfer and application of a minimum of 60 credits toward the baccalaureate degree requirements at the Colorado institution of higher education; completion of the lower-division component of the receiving institution's general education core curriculum; and junior standing. Course credit may be applied to major, elective or other requirements at the receiving institution's discretion. If more than 60 college-level credits are taken or the student gets lower than a C- in one or more courses at the community/junior college, then some loss of transfer credit may occur, and students may not be able to complete this baccalaureate degree in 120 credits.

2. **Transfer Before Completing the Associate's Degree:** If the student intends to transfer prior to completing an AA or AS degree, this transfer guide should still be used to identify the courses that can most effectively prepare them for efficiently completing the designated major at the baccalaureate institution to which they are transferring. While not completing the required associate's degree eliminates the guarantees described here, gtPathways general education courses identified in Section I are guaranteed to transfer and apply to the receiving institution's gtPathways lower division general education requirements. Students are strongly encouraged to finish course sequences (such as English Comp I & II or Calculus I, II & III) before transferring.

For additional information on CCHE transfer policies and gtPathways guaranteed transfer of general education credit, visit https://highered.colorado.gov/guaranteed-transfer-gt-pathways-general-education-curriculum-0 . To file a transfer-related complaint with the Colorado Department of Higher Education, visit https://highered.colorado.gov/filing-student-complaint

The chart shown below illustrates the remaining requirements to complete the BS in Cybersecurity after transferring to CSU Pueblo. 64 semester credits are the maximum amount of transfer credit allowed from two-year institutions. Therefore, the credits shown below **MUST** be completed at CSU Pueblo.

Additional General Education Requirements		
Course Prefix (CSUP)	**Course Name**	**Credits**
ENG 102	English Composition II	3
Humanities	Choose two courses	6
History	Choose one course	3
Science	Choose two courses with labs	8
ECON 201	Principles of Macroeconomics	3
Additional Major Core Course Requirements		
Course Prefix (CSUP)	**Course Name**	**Credits**
BSAD 265	Business Statistics	3
BSAD 360	Advanced Business Statistics	3
CIS 311	Intro to Web Development	3
CIS 350	Data Base Systems	3
CIS 432	Sr. Professional Project or 6 credits of internship	6
CIS 493	Career Seminar	1
CIS 462	Computer Forensics	3
ELECTIVES	CIS Upper Division Electives	6
ECON 202	Principles of Microeconomics	3
MATH 220	Business Math	4
MGMT 201	Principles of Management	3
MGMT 368	Project Management	3
Total PPCC Transfer Credit Applied Toward BS Degree		**49**
*CSU Pueblo credits by exam		**6**
CSU Pueblo credits taken in 1st two years and reverse-transferred to PPCC		**7**
Total Additional Credit Required for BS Degree		**64**
Total BS Degree Requirements		**126**