

TRANSFER GUIDE
BETWEEN
PENNSYLVANIA COLLEGE OF TECHNOLOGY
AND
HARRISBURG AREA COMMUNITY COLLEGE

This Articulation Agreement establishes a mechanism for graduates of Harrisburg Area Community College, Computer Information Security, Associate in Science Degree to transfer specific earned credits into the Information Assurance and Cyber Security (BCS) Bachelor of Science degree at Penn College.

Harrisburg Area Community College applicants must have a minimum final cumulative GPA of 2.0 (on a 4.0 scale).

The coursework for which credit is given along with the remaining coursework to be completed at Penn College varies dependent upon the courses successfully completed in obtaining the degree at Harrisburg Area Community College. Three scenarios are presented below.

Students planning on transferring from Harrisburg Area Community College to Penn College under this agreement should:

- Contact the School of Engineering Technologies at Penn College via et@pct.edu and request an advising session with a faculty member of the BCS program.
- The request should occur early in the semester prior to the semester student plans to transfer to Penn College.
- The result of the advising session should be a customized completion plan for the student transferring to Penn College.

Additional Transfer Information

- A. Students must complete a minimum of 36 credits at Penn College for coursework prescribed in the final four semesters of the student's bachelor's profile, a prescribed course sequence for completion of a specific major.
- B. Additional coursework may be available for transfer. Students should consult the Transfer Course Equivalency or contact the School of Business, Arts & Sciences (bas@pct.edu) for further academic advising.
- C. Individuals must submit a completed Penn College application.
- D. Individuals must provide an **official** transcript of all college coursework.
- E. The information included in this guide is subject to change.

Articulation formalized March 2021

Scenario 1: Student completed the general education for the Computer Information Security degree along with the following required courses for the program: CIS105, CIS140, CIS222, CIS224, CIS241, CIS264, CISE200, CNT120, CNT125, CPS121, MATH121, MATH202, CPS161 OR CPS230, and CISE211.

Harrisburg Area Community College, Computer Information Security, Associate in Science	Penn College Coursework
CIS140 Intermediate Database Management	CIT160 Introduction to Programming
CIS222 Introduction to Windows Servers	EET145 Networking I
CIS224 Introduction to System Analysis & Design	EET247 Networking II
CIS241 Database Administration I	CIT240 Introduction to UNIX/Linux
CIS264 Fundamentals of Linux Administration	CIT180 Introduction to Database
CISE200 Information Security Fundamentals	CIT230 Fundamentals of Information Security
CISE211 Ethical Hacking and Incident Response	CIT246 System Analysis I
CNT120 Network Communication Technology I	CIT260 Programming II
CNT125 Network Communication Technology II	Open elective (CSC221 equivalent)
CPS121 Computer Science I – Intro to Computer Programming JAVA	IAS311 Ethical Hacking and Penetration Testing
CPS161 or CPS230	BCS Directed Information Assurance and Cyber Security Elective (one of them)

Remaining Coursework at Penn College

Fifth Semester (Semester 1 at PCT)		Sixth Semester (Semester 2 at PCT)	
Course	Credits	Course	Credits
CIT281 Secure Database Development	3	IAS211 Information Security Tools for Code and Data Analysis	3
CIT335 Fundamentals of Cryptography	3	IAS411 Information Security Policy	3
IAS312 Network Defense	3	LAS350 Legal Issues in Information Security Management	3
Exploration Elective	3	Science elective (lecture or with lab depending on which was transferred)	3 or 4
MTH299 Statistics lab	0.5	Exploration Elective	3
BCS Elective	3		
Fitness elective	1		
Total Credits	16.5	Total Credits	15-16
Seventh Semester (Semester 3 at PCT)		Eighth Semester (Semester 4 at PCT)	
Course	Credits	Course	Credits
IAS412 IAS Awareness, Training, and Education	3	CIT430 Information Security Forensics and Incident Response	3
IAS413 Contingency Planning	3	IAS466 Risk Analyst Capstone	3
IAS461 Secure System Accreditation and Certification	3	IAS490 Advanced Topics in Information Assurance and Security	3
IAS492A IAS Seminar I	1	IAS492B Seminar II	1
MGT115 Principles of Management	3	MGT410 Management of Organizational Behavior	3
Open elective	3	Art perspective (or historical perspective depending on what was transferred)	3
Total Credits	16	Total Credits	16

Scenario 2: Student completed the Computer Information Security degree; completed coursework in mathematics includes MATH103, MATH104, MATH119, MATH121 and MATH202.

Harrisburg Area Community College, Computer Information Security, Associate in Science	Penn College Coursework
CIS140 Intermediate Database Management	CIT160 Introduction to Programming
CIS222 Introduction to Windows Servers	EET145 Networking I
CIS224 Introduction to System Analysis & Design	EET247 Networking II
CIS241 Database Administration I	CIT240 Introduction to UNIX/Linux
CIS264 Fundamentals of Linux Administration	CIT180 Introduction to Database
CISE200 Information Security Fundamentals	CIT230 Fundamentals of Information Security
CNT120 Network Communication Technology I	CIT246 System Analysis I
CNT125 Network Communication Technology II	Open elective (CSC221 equivalent)
CPS121 Computer Science I – Intro to Computer Programming JAVA	BCS Directed Information Assurance and Cyber Security Elective (one of them)

Remaining Coursework at Penn College

Fifth Semester (Semester 1 at PCT)		Sixth Semester (Semester 2 at PCT)	
Course	Credits	Course	Credits
CIT281 Secure Database Development	3	IAS211 Information Security Tools for Code and Data Analysis	3
IAS312 Network Defense	3	IAS311 Ethical Hacking and Penetration Testing	3
CIT335 Fundamentals of Cryptography	3	IAS411 Information Security Policy	3
CIT260 Programming II	3	IAS350 Legal Issues in Information Security Management	3
MTH299 Statistics lab	0.5	Science elective (lecture or with lab depending on which was transferred)	3 or 4
BCS Elective	3		
Fitness elective	1		
Total Credits	16.5	Total Credits	15-16
Seventh Semester (Semester 3 at PCT)		Eighth Semester (Semester 4 at PCT)	
Course	Credits	Course	Credits
IAS412 IAS Awareness, Training, and Education	3	IAS466 Risk Analyst Capstone	3
IAS413 Contingency Planning	3	CIT430 Information Security Forensics and Incident Response	3
IAS461 Secure System Accreditation and Certification	3	IAS490 Advanced Topics in Information Assurance and Security	3
IAS492A IAS Seminar I	1	IAS492B Seminar II	1
MGT115 Principles of Management	3	MGT410 Management of Organizational Behavior	3
Open Elective	3	Art perspective (or historical perspective depending on what was transferred)	3
Total Credits	16	Total Credits	16

Scenario 3: Student completed the Computer Information Security degree; completed coursework in mathematics includes MATH103 and MATH202.

Harrisburg Area Community College, Computer Information Security, Associate in Science Degree	Penn College coursework
CIS140 Intermediate Database Management	CIT160 Introduction to Programming
CIS222 Introduction to Windows Servers	EET145 Networking I
CIS224 Introduction to System Analysis & Design	CIT260 Programming II (using program elective at HACC of CPS161 or CPS230)
CIS241 Database Administration I	EET247 Networking II
CIS264 Fundamentals of Linux Administration	CIT240 Introduction to UNIX/Linux
CISE200 Information Security Fundamentals	CIT180 Introduction to Database
CNT120 Network Communication Technology I	CIT230 Fundamentals of Information Security
CNT125 Network Communication Technology II	CIT246 System Analysis I
CPS121 Computer Science I – Intro to Computer Programming JAVA	Open elective (CSC221 equivalent)
Program Elective (CPS161 or CPS230)	BCS Directed Information Assurance and Cyber Security Electives (both of them)
Program Elective	

Remaining Coursework at Penn College

Fifth Semester (Semester 1 at PCT)		Sixth Semester (Semester 2 at PCT)	
Course	Credits	Course	Credits
CIT281 Secure Database Development	3	IAS211 Information Security Tools for Code and Data Analysis	3
IAS312 Network Defense	3	IAS311 Ethical Hacking and Penetration Testing	3
MTH182 College Algebra & Trig II	3	IAS411 Information Security Policy	3
IAS412 IAS Awareness, Training and Education	3	MTH240 Calculus I	4
MTH299 Statistics lab	0.5	Science elective (lecture or with lab depending on which was transferred)	3 or 4
LAS350 Legal Issues in Information Security Management	3	Fitness elective	1
Total Credits	15.5	Total Credits	17-18
Seventh Semester (Semester 3 at PCT)		Eighth Semester (Semester 4 at PCT)	
Course	Credits	Course	Credits
CIT335 Fundamentals of Cryptography	3	IAS466 Risk Analyst Capstone	3
IAS413 Contingency Planning	3	CIT430 Information Security Forensics and Incident Response	3
IAS461 Secure System Accreditation and Certification	3	IAS490 Advanced Topics in Information Assurance and Security	3
IAS492A IAS Seminar I	1	IAS492B Seminar II	1
MGT115 Principles of Management	3	MGT410 Management of Organizational Behavior	3
Open elective	3	Art perspective (<i>or historical perspective depending on what was transferred</i>)	3
Total Credits	16	Total Credits	16