

**Augusta Technical College Associate of Applied Science in Cybersecurity degree to  
Augusta University Bachelor of Science in Information Technology**

**TRANSFER AGREEMENT WORKSHEET**

**General Education Requirements - Areas A - E at AU**

Augusta Technical College			Augusta University		
Course Number	Course Title	Semester Hours	Course Number	Course Title	Credit Hours
<b>Communication and Quantitative Skills - 6 credit hours required</b>			<b>Communication and Quantitative Skills - 9 credit hours required</b>		
ENGL 1101	Composition & Rhetoric	3.0	ENG 1101	English Composition I	3.0
ENGL 1102 *	Literature & Composition	3.0	ENG 1102	English Composition II	3.0
MATH 1111	College Algebra	3.0	MATH 1111	College Algebra	3.0
<b>Institutional Options - not required in AAS</b>			<b>Institutional Options - 4 credit hours required</b>		
SPC 205 *	Public Speaking	3.0	INQR 1000	Fundamentals of Academic Inquiry	1.0
<b>Humanities &amp; Fine Arts - 3 credit hours required</b>			<b>Humanities &amp; Fine Arts - 6 credit hours required, from two distinct disciplines</b>		
ARTS 1101	Art Appreciation	3.0	<i>HUMN AU</i>	<i>Art Appreciation</i>	3.0
ENGL 2110, 2130	World Literature, American Literature	3.0	<i>All transfer as HUMN AU</i>	<i>World Literature, American Literature</i>	3.0
HUMN 1101	Introduction to Humanities	3.0	<i>HUMN AU</i>	<i>Introduction to Humanities</i>	3.0
SPAN 1101, 1102	Intro Spanish Language & Culture I, Intro Spanish Language & Culture II	3.0	SPAN 1001, 1002	Elementary Spanish I, Elementary Spanish II	3.0
THEA 1101	Theater Appreciation	4.0	<i>HUMN AU</i>	<i>Theater Appreciation</i>	3.0
<b>Two laboratory science courses - not required in AAS</b>			<b>Lab Science - Choose two of the following courses:</b>		
BIOL 1111/1111L, 1112 1112L *	Biology I & Biology I Lab, Biology II & Biology II Lab	4.0	BIOL 1101/1101, 1102/1102L	Fundamentals of Biology & Fundamentals of Biology Laboratory, Environmental Biology & Environmental Biology Laboratory	4.0
CHEM 1151/1151L, 1152/1152L *	Survey of Inorganic Chemistry & Survey of Inorganic Chem Lab, Suvay/Organic Chem & Biochem & Survey of Org Chem/Biochem Lab	4.0	CHEM 1151, 1152	Survey of Chemistry I, Survey of Chemistry II	4.0
PHYS 1111/1111L, 1112/1112L *	Introductory Physics I & Introductory Physics Lab I, Introductory Physics II & Introductory Physics II Lab	4.0	PHYS 1111/1111L, 1112/1112L	Introductory Physics I & Introductory Physics Lab I, Introductory Physics II & Introductory Physics II Lab	4.0
<b>Science &amp; Mathematics - not required in AAS</b>			<b>Science &amp; Mathematics</b>		
MATH 1113, 1127, 1131 *	Precalculus, Introduction to Statistics, Calculus I	3.0/4.0	MATH 1113, 1401, 2011	Precalculus Mathematics, Elementary Statistics, Calculus & Analytical Geometry I	3.0/4.0
<b>Social Sciences - not required in AAS</b>			<b>Social Sciences - 12 credit hours required</b>		
POLS 1101 *	Intro to American Government	3.0	POLS 1101	Introduction to American Government	3.0
HIST 2111 or 2112 *	U.S. History I or U.S. History II	3.0	HIST 2111 or 2112	United States to 1877 or United States Since 1877	3.0
<b>Social Sciences - not required in AAS</b>			<b>Social Science - Choose one course</b>		
ECON 1101, PSYC 1101, SOCI 1101 *	Introduction to Economics, Introduction to Psychology, Introduction to Sociology	3.0	ECON 1810, PSYC 1101, SOCI 1101	Introduction to Economics, Introduction to Psychology, Introduction to Sociology	3.0
<b>Social Sciences - not required in AAS</b>			<b>Social Science - Choose one course</b>		
ECON 1101, 2105, 2106 *	Introduction to Economics, Macroeconomics, Microeconomics	3.0	ECON 1810, 2105, 2106	Introduction to Economics, Macroeconomics, Microeconomics	3.0
HIST 1111, 1112, 2111, 2112 *	World History I, World History II, U.S. History I, U.S. History II	3.0	HIST 1111, 1112, 2111, 2112	Pre-Modern World Civilization, Modern World Civilization, United States to 1877, United States Since 1877	3.0
PSYC 1101, SOCI 1101 *	Introduction to Psychology, Introduction to Sociology	3.0	PSYC 1101, SOCI 1101	Introduction to Psychology, Introduction to Sociology	3.0
<b>AAS in Cybersecurity students are recommended to select their required General Education Elective (3 credits) from any of the courses above in AU's Areas A-E</b>			<b>Total Credits needed in Areas A - E</b>		
			<b>42.0</b>		

**Articulation Agreement Key:**

Courses in *italics* indicate non-direct course equivalents that still fulfill the identified curriculum area.

Courses with an asterisk (\*) are not required in the AAS in Cybersecurity but are available at ATC and transferable to the corresponding curriculum area at AU.

Courses in parentheses ( ) are awarded credit when students pass departmental exam opportunities after acceptance to AU.

\*\*\*Students who transfer to Augusta University with less than 60 credit hours must complete the Wellness Requirement:  
WELL 1000 - Wellness 2 credits  
Activity Course- 1 Credit hour  
Activity Course- 1 Credit hour

Core Area F - A grade of C or better is required for courses in this area					
			AIST 2120	Principles of Scripting and Automation	3.0
CIST 1510 *	Web Development I (HTML)	3.0	AIST 2220	Introduction to Web Development	3.0
CIST 2341*	C# Programming I	3.0	CSCI 1301	Principles of Computer Programming I	4.0
			CSCI 2700	Ethics in Computer Science	2.0
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CIST 1601 and CIST 2451	Information Security Fundamentals and Introduction to Networks - CISCO		CYBR 2000 <b>and</b> AIST 2310	Introductions to Cybersecurity <b>and</b> Introduction to Networks	
			MINF 2650	Principles of Data Management & Analysis	3.0
				<b>Total Credits needed in Area F</b>	<b>18.0</b>
Major Degree Requirements - A grade of C or better is required for courses in this area					
			AIST 3410	Database Management Systems	3.0
			AIST 3610	System Analysis and Design	3.0
Credit available through examination. See Additional Courses block below.			AIST 3720	Operating System Concepts & Administration	3.0
			AIST 4720	Enterprise System Architectures	3.0
			COMM 3100	Communications for Professionals	3.0
			MATH 3210	Math for Business and Economics	3.0
			MINF 3625	Project Management	3.0
			MINF 3650	Information Systems	3.0
				<b>Total Credits needed for Degree Requirements</b>	<b>24.0</b>
Major Electives - A grade of C or better is required for courses in this area					
			<b>Choose from:</b>		
			CSCI 1302	Principles of Computer Programming II	3.0
Credit available through examination. See Additional Courses block below.			Any upper-level (3000-4000) course from AIST, CSCI, CYBR, or QUAN		
				<b>Total Credits needed for Major Electives</b>	<b>18.0</b>
Free Electives A grade of C or better is required for courses in this area					
			<b>Choose from:</b>		
Credit available through examination. See Additional Courses block below.			Free elective hours		
CIST 1001	Computer Concepts	3.0	AIST AU		3.0
CIST 1122	Hardware Installation & Maintenance	3.0	AIST AU		3.0
CIST 1602	Security Policies & Procedures	3.0	AIST AU		3.0
CIST 2411	Microsoft Client	3.0	AIST AU		3.0
CIST 2431	UNIX/LINUX Introduction	3.0	AIST AU		3.0
CIST 2434	UNIX/LINUX Scripting	3.0	CSCI 1200	Intro to Computers & Programming	3.0
CIST 2451	Introduction to Networks - CISCO	3.0	AIST 2310	Introduction to Networking	3.0
CIST 2455	CISCO CCNA Security	3.0	AIST AU		3.0
				<b>Total Credits needed for Free Electives</b>	<b>18.0</b>
			<b>Total hours for the Bachelor of Science in Information Technology degree</b>		
			<b>124.0</b>		
Additional Courses - To receive 3000/4000 level credit at AU, the student will complete Challenge by Exam assessments					
CIST 2452	CISCO Routing & Switching Essentials	3.0	(AIST 3310)	Advanced Networking	(3.0)
CIST 2601	Implementing Operating System Security	3.0	(AIST 3720)	Operating System Concepts & Administration	(3.0)
CIST 2602	Network Security	3.0	(AIST 3320)	TCP/IP Protocol Analysis	(3.0)
CIST 2611	Network Defense & Countermeasures	3.0	(CYBR 3200)	Cyber Network Defense & Counter Measures	(3.0)
CIST 2612	Computer Forensics	3.0	(CYBR 4400)	Digital Forensics	(3.0)
CIST 2613	Ethical Hacking & Penetration	3.0	(CYBR 3100)	Introduction to Defensive Cyber Operations	(3.0)