ASU Bachelor of Science in Cybersecurity
Howard College
2+2 Transfer Guide

Howard College & Angelo State University Transfer Plan for
Associate of Science in Computer Science (A.S.)
Bachelor of Science in Cybersecurity (B.S.)

Howard College Fall Semester Year 1		sch		Howard College Spring Semester Year 1		sch
EDUC 1100	Learning Framework *will transfer as ASU's GS 1181*	1		CS 1336	Computer Science I *(Co-Enrolled at ASU)* **Howard Elective**	3
HIST 1301	United States History I *will transfer as ASU's HIST 1301*	3		ENGL 1302 **OR** ENGL 2311	Composition II **OR** Technical and Business Writing *will transfer as ASU's ENGL 1302 OR ENGL 2311*	3
ENGL 1301	Composition I *will transfer as ASU's ENGL 1301*	3		HIST 1302	United States History II *will transfer as ASU's HIST 1302*	3
Life and Physical Science (course & lab)[1]	*will transfer as ASU's Life and Physical Science*	4		Life and Physical Science (course & lab)[1]	*will transfer as ASU's Life and Physical Science*	4
Creative Arts	*Will transfer as ASU's Creative Arts*	3		SPCH 1315	Public Speaking *will transfer as ASU's COMM 1315*	3
	TOTAL	**14**			TOTAL	**16**
Howard College Fall Semester Year 2		**sch**		**Howard College Spring Semester Year 2**		**sch**
CS 1337	Computer Science II *(Co-Enrolled at ASU)* **Howard Elective**	3		CS 2336	Data Structures and Algorithms *(Co-Enrolled at ASU)* **Howard Elective**	3
GOVT 2305	Fed Government *will transfer as ASU's POLS 2305*	3		GOVT 2306	Texas Government *Will transfer as ASU's POLS 2306*	3
Social and Behavioral Sciences	*will transfer as ASU's Social and Behavioral Sciences*	3		Language, Philosophy and Culture	*Will transfer as ASU's Language, Philosophy and Culture*	3
Mathematics Course (MATH 1314, 1316, OR 2413)	From Core Curriculum *will transfer as ASU's Math 1314, 1316, OR 2413*	3-4		Elective Course	*Will transfer as ASU elective*	3
Elective Course	*Will transfer as ASU elective*	3		Elective Course	*Will transfer as ASU elective*	3
	TOTAL	**15-16**			TOTAL	**15**
					A.S. TOTAL DEGREE HOURS	**60-61**

[1] To meet ASU's Major Support Course requirement, students can select from the following: BIOL 1306/1106 OR BIOL 1406, BIOL 1307/1107 OR BIOL 1407, BIOL 1308/1108 OR BIOL 1408, BIOL 1309/1109 OR BIOL 1409, BIOL 2301/2101 OR BIOL 2401, BIOL 2302/2102 OR BIOL 2402 or GEOL 1401.

Howard College & Angelo State University Transfer Plan for Associate of Science in Computer Science (A.S.) Bachelor of Science in Cybersecurity (B.S.)						
ASU Fall Semester Year 1		**sch**	**ASU Spring Semester Year 1**		**sch**	
CS 3311	Data Base Management	3	Elective		3	
Elective		3	PHYS 3444	Digital Electronics	4	
CS 3310	Principles of Unix	3	MATH 2305	Discrete Mathematics	3	
MATH 2312	Precalculus	3	CS 4302	Operating Systems	3	
CHEM, PS, PHYS		3	Cyber Elective (adv)		3	
	TOTAL	**15**		TOTAL	**16**	
ASU Fall Semester Year 2		**sch**	**ASU Spring Semester Year 2**		**sch**	
CS 4320	Introduction to Computer and Network	3	ENGL 3351	Advanced Technical Writing	3	
Elective		3	Cyber Elective		3	
CS 3352	Theory of Algorithms	3	CS 4314	Computer Networking	3	
Cyber Elective (adv)		3	Elective		3	
CS 4390	Cryptography	3	Cyber Elective (adv)		3	
	TOTAL	**15**		TOTAL	**15**	
			B.S. TOTAL DEGREE HOURS		**121-122**	

Additional Notes

Please Note: This guide is for students to utilize as a reference of what courses they can take at each institution. It's possible for students to take these courses in a different sequence if they are coming in with prior credit or if there are changes to course offerings and degree plans. Therefore, it is encouraged for students to reach out to their academic advisor at each institution to discuss current course options and sequences.