



2+2 Degree Plan Checklist
Associate of Applied Science in Cybersecurity
to Bachelor of Science in Computer Science (BS)
Cyber Security and Privacy Option



Name: _____ ID: _____

SAU Tech Associate of Applied Science in Cybersecurity
General Education Requirements

Freshman English/Writing (6 credit hours)			SAU	Semester	Hours	Grade
ENG	1113	English Composition I	ENG 1113		3	
ENG	1123	English Composition II	ENG 1123		3	

Mathematics (3-5 credit hours)			SAU	Semester	Hours	Grade
MATH	1525	Calculus & Analytic Geometry I	MATH 1525		5	

Fine Arts and Humanities (3 credit hours)			SAU	Semester	Hours	Grade
ENGL	2213/2223	World Lit I/II*	ENGL 2213/2223		3	

* SAU requires a minimum of 3 hours of World Literature

Social Science: History/Government (6 credit hours)			SAU	Semester	Hours	Grade
HIST	1003	World History I <i>or</i>	HIS 1003		3	
HIST	1013	World History II	HIS 1013			
HIST	2013	United States History To I <i>or</i>	HIS 2013		3	
HIST	2023	United States History II <i>or</i>	HIS 2023			
PSCI	2003	American Government National	PSC 2003			

SAU Tech Gen Ed Credit Hours: 20hrs

SAU Tech Associate Applied Science in in Cybersecurity
SAU Tech Required AAS Core Courses

Transfer Courses (XX credit hours)			SAU	Semester	Hours	Grade
GSTD	1021	Student Success I	GSTD 1002		1	
GSTD	1031	Student Success II	GSTD 1002		1	
GSTD	1041	Student Success III	NA		0	
CS	1404	Programming I	CSCI 2103/2101		4	
MATH	1045	Pre- Calculus Math	MATH 1045		0	
CS	2124	Programming II	CSCI 2113/2111		4	
CS	2193	Computer Networking	CSCI 3213		3	
CS	2363	Data Structures and Algorithms	CSCI 3103		3	
CS	2313	Linux/ Unix Operating System	CSCI 4133		3	
MATH	2013	Probability & Statistics	MATH 3043		3	
CS	2343	Cybersecurity Essentials	CSCI 4333		3	
CS	2453	Ethical Hacking	CSCI Elective		3	
CS	2003	Virtualization	CSCI Elective		3	
CS	2353	Computer Forensics	CSCI 4223		3	

SAU Tech AAS Core Credit Hours: 34hrs
Total SAU Tech Credit Hours: 54hrs



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Southern Arkansas University
Bachelor of Science in Computer Science (BS) Cyber Security and Privacy Option

Additional SAU Gen Ed Requirement

Fine Arts and Humanities (6 credit hours)

			SAU	Semester	Hours	Grade
ART/MUS/ENGL	2013/2XX3	Art Appreciation/Music Appreciation/Intro to Phil	ART 2103 ENGL 2213/2223		3	

Other Social Sciences (3 credit hours)

			SAU	Semester	Hours	Grade
PHIL	2403	General Psychology	PHIL 2403		3	
ECON	2103	Prin. of Microeconomics	ECON 2103			

Physical Sciences with Lab (4 credit hours)

			SAU	Semester	Hours	Grade
PHYS	2003/2001	College Physics I/Lab	2003/2001		4	

Life Sciences with Lab (4 credit hours)

			SAU	Semester	Hours	Grade
BIOL	1043	Introduction to Biology	1043		4	
BIOL	1041	Introduction to Biology/Lab	1041			

SAU Gen Ed Credit Hours: 17hrs

SAU COMPUTER SCIENCE REQUIREMENT

Course	Semester	Hours	Grade
CSCI 3063 High Level Language		3	
CSCI 3143 Network Security		3	
CSCI 3203 Assembler and Machine Organization		3	
CSCI 3233 Theory of Computation		3	
CSCI 3703 Computer Architecture		3	
CSCI 4143 Programming Languages and Compilers		3	
CSCI 4153 Software Engineering		3	
CSCI 4203 Data Modeling and Application		3	
CSCI 4923 Senior Project		3	
CSCI 4213 Privacy Engineering		3	
CSCI/MATH Elective		3	
MATH 2033 Discrete Mathematics		3	
MATH 2753 Linear Algebra		3	
Select 3-5 hours from the following:		3-5	
MATH 1545 Calculus II, OR			
MATH 3143/4233 Applied Probability and Statistics II/ Data Science			
PHYS 2103/2101 College Physics II/Lab		4	
ENGL 3023 Technical Writing		3	
CSCI 3901 Special Topics in Computer Science, OR MGMT 4301 Special Topics in Management		1	

SAU CSCI Core Credit Hours: 50-52hrs

Total SAU Credit Hours: 67-69hrs

Total Credit Hours: 121-123