2+2 Degree Plan Checklist
Associate of Applied Science in Cybersecurity
to Bachelor of Science in Computer Science (BS)

SAU TECH

SOUTHERN ARKANSAS UNIVERSITY

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 *or*	HIS 1003		3	
HIST	1013	World History II	HIS 1013			
HIST	2013	United States History To I *or*	HIS 2013		3	
HIST	2023	United States History II *or*	HIS 2023			
PSCI	2003	American Government National	PSC 2003			

SAU Tech Gen Ed Credit Hours: 20hrs

SAU Tech Associate of Applied Science 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 Elective		3	
CS	2453	Ethical Hacking	CSCI Elective		3	
CS	2003	Virtualization	CSCI Elective		3	
CS	2353	Computer Forensics	CSCI Elective		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)

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			
ECON	2103	Prin. of Microeconomics	ECON 2103		3	

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
BSCI	1013	The Biological Sci	BIOL 1043/1041		4	
BSCI	1011	The Biological Sci Lab				

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/MATH Elective		6	
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 Tech Credit Hours: 67-69hrs

Total Credit Hours: 121-123