| **Area of Interest:** Computer Technology, Engineering & Math
Degree: Associate of Science (AS)
Pathway: Computer Science
Certificate: AGEC-S
College Catalog: 2024-2025 | Central Arizona College |

Program Location: All Campuses

Program Description: This pathway is intended for students wanting to transfer to a university in the fields of computer science, software engineering, and cybersecurity.

Contact Information: stem.advisor@centralaz.edu

Area of Interest Website: https://centralaz.edu/academics/areas-of-interest

Legend

Bold Course=Required Course	Recommended Course (R)	Stackable Certificate (SC)

AGEC Course list (Arizona General Education Curriculum)

Written Communication (WC)	Oral Communication (OC)	Arts/Humanities (AH)	Social/Behavioral Science (SB)
Lab Science (LS)	Mathematics (M)	Subject Option (SO)	Transfer Elective (TE)

Special Awareness Requirements for transfer degrees met through courses on the AGEC Course list.

☐ Cultural Awareness (CU)	☐ Global/Historical Awareness (GI/HI)	☐ Intensive Writing (IW)

Semester 1   New Students-Find your suggested starting point for English/Reading & Math courses.

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	**ENG101 College Composition I**	3		
	M	**MAT221 Analytical Geometry and Calculus I** or higher	4		Math prerequisites may be needed. Consult with Academic Advisor.
	LS	**BIO181 General Biology I**	4		
	CC	**EGR102 Introduction to Engineering**	3		
		Semester Credits:	**14**	**Meet with your CAC advisor and plan your path!**	

Semester 2

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	**ENG102 College Composition II**	3		
	AH	Select an AGEC Arts and Humanities course	3		
	SB	Select an AGEC Social and Behavioral Science course	3		
	LS	**BIO182 General Biology II**	4		
	SO	**MAT231 Analytical Geometry and Calculus II**	4		
		Semester Credits:	**17**	**Research career and transfer opportunities!**	

Semester 3

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	SB	Select an AGEC Social and Behavioral Science course	3		
	SO	**MAT241 Analytical Geometry and Calculus III**	4		
	CC	**CIS216 Java Programming**	4		
	CC	**EGR120 Digital Design Fundamentals**	4		
		Semester Credits:	**15**	**Apply for graduation and attend transfer events!**	

Semester 4

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	AH	Select an AGEC Arts and Humanities course	3		
	CC	**CIS231 Object Oriented Programming/Data Structures**	4		
	TE	Transfer Elective Option	4		
	TE	Transfer Elective Option	4		
		Semester Credits:	**15**	**Finish strong-don't get distracted before finals!**	
		Total Degree Credits:	**61**		
		Total Certificate Credits:	**38**		

Arizona Resident Tuition for 2024-2025 is $75 per credit hour; see Paying for College. Financial aid may be available.

Transfer Information

AZTransfer Major Guide has a list of transfer programs at ASU, NAU, or UA.

CAC University Transfer Center: centralaz.edu/transfer FREE CAC transfer resources and assistance.

Career Information

CAC Career Center: centralaz.edu/career FREE CAC career resources and assistance.

O*NET OnLine: Visit **onetonline.org** and search for:

Occupations in including:

- Education needed for specific occupations
- Occupation tasks, knowledge, skills and abilities
- Salary/wages for specific occupations ($)

Note: Use this Program MAP as a guide to choose courses with your advisor and track progress towards milestones and completion of program. Work with an advisor to customize your plan to align with your specific career and/or transfer goals.

Part-Time Students: Plans can be modified to fit the need of part-time students by adding more semesters.

Student Name:	**Advisor Name:**
Student ID Number: 880	**Date:**