

**Area of Interest:** Computer Technology, Engineering & Math

**Certificate:** Amazon Web Services

**College Catalog:** [2024-2025](#)



**Program Location:** All Campuses

**Program Description:** This dynamic program features state-of-the-art technology to prepare students for a career in the fast-growing Information Technology industry. All the courses offer nationally recognized certifications. Gain the knowledge and skills to perform core Amazon Web Services (AWS) functions. Focusing on developing, deploying, and debugging cloud-based applications, and managing & operating scalable, highly available, and fault tolerant systems on AWS. It prepares students for careers in Cloud computing.

**Contact Information:** Linda Friedel (Faculty) [Linda.Friedel@centralaz.edu](mailto:Linda.Friedel@centralaz.edu)

**Area of Interest Website:** [Computer Technology, Engineering and Math - Central Arizona College \(centralaz.edu\)](#)

### Legend

**Bold Course**=Required Course

Recommended Course (R)

Stackable Certificate (SC)

**Semester 1** New Students-Find your suggested starting point for [English/Reading](#) & [Math](#) courses.

	COURSE	CREDITS	SEMESTER/GRADE	NOTES
CC	<b>CIS121 Windows Operating Systems Fundamentals</b>	3		Full 16 Weeks
CC	<b>CIS123 Introduction to Programming</b>	3		Full 16 Weeks
CC	<b>CIS130 Networking Essentials</b>	3		First 8 Weeks
CC	<b>CIS210 Cloud Foundations and Architecture</b>	3		First 8 Weeks
CC	<b>CIS211 Cloud Development</b>	3		Second 8 Weeks
CC	<b>CIS263 Cloud Operations</b>	3		Second 8 Weeks
	<b>Total Semester Credits:</b>	<b>18</b>	<b>Apply for graduation and attend career events!</b>	
	<b>Total Amazon Web Services Certificate Credits:</b>	<b>18</b>		

Arizona Resident Tuition for 2024-2025 is \$75 per credit hour; see [Paying for College](#). Financial aid may be available

### Career Information

**CAC Career Center:** [centralaz.edu/career](http://centralaz.edu/career) FREE CAC career resources and assistance

**O\*NET OnLine:** Visit [onetonline.org](http://onetonline.org) and search for:

**Occupations in Cyber Security, including:**

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

### Transfer Information

**CAC University Transfer Center:** [centralaz.edu/transfer](http://centralaz.edu/transfer) FREE CAC transfer resources and assistance.

[AZTransfer Technology Major Guide](#) has a list of transfer programs at ASU, NAU, or UA.

**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:**