

Amarillo College Curriculum Map 2024

Division: STEM

Degree/Academic Program(s): Computer Information Systems (CIS)
COSC.AAS, COSC.CERT.CSS, COSC.CERT.WEB, COSC.CERT.GAME, COSC.CERT.CODE, COSC.CERT.ACAD

Person Responsible for Division: Edie Carter, Dean

Component Director/Chair: Karen Boatman, Chair, CIS

Submission Date: 09/15/2025

Purpose Statement: The mission of the Computer Information Systems degree and certificate programs is to prepare students for employment in various computer-related areas such as programming, web development, support, database administration or related discipline by educating them in the fundamental concepts, knowledge, and laboratory techniques and skills in the Computer Industry.

Goal #1: To graduate students who are prepared for entry-level employment in the business and computer industries.				
Seq	Program-Specific Courses	PLO #1	PLO #2:	PLO #3:
		Students will design and implement data systems to describe, process, and analyze real world data	Students will develop (or code) application software, database systems, and/or websites	Students will solve business-centered problems by identifying, analyzing, and providing information system based solutions
1	BCIS-1305			I
1	ITSE 1329			
1	ITSE-1311		I	I
1	ITSC-2335	I		D
1	ITSE-2309	I	I	I
1	ITSE-1302		I	
2	ITSE-2302		I	I
2	CPMT-1351			I
2	ITSE-2347	D	D	D
2	ITSE-2321		D	D
3	INEW-2334	D	M	M

I = Introduced; D = Developed & Practiced with Feedback; M = Demonstrated at Mastery