

Amarillo College Curriculum Map

Division:	STEM
Degree/Academic Program(s):	CIS-Computer Networking/Cyber Security (CETT.AAS.NT, COSC.CERT.ESS, COSC.CERT.ADMIN, COSC.CERT.DIG, COSC.CERT.CYBER, COSC.CERT.CSS)
Dean:	Edie Carter, Dean
Chair or Coordinator:	Karen Boatman, CIS Chair
Submission Date:	09/15/2026
Purpose Statement:	The mission of the CIS Computer Networking/Cyber Security degree and related certificates is to prepare students for IT employment by educating them in the fundamental concepts, knowledge, laboratory techniques, and skills in computer maintenance, repair, networking, and cyber security.

Goal 1: To graduate students who are prepared for entry-level employment as an IT Support Specialist.

SEQ	Program-Specific Courses	PLO #1: Students will install, configure, maintain, and troubleshoot computer hardware, operating systems, and IT infrastructure using industry-standard tools and practices.	PLO #2: Students will design, configure, manage, and troubleshoot network infrastructure and services to meet organizational requirements.	PLO #3: Students will identify security risks and vulnerabilities and implement appropriate controls to protect systems, networks, and data.
1	BCIS-1305	I		
1	ITSC-1307			I
1	CPMT-1351	I		
1	ITCC-1314	I	I/D	I
1	ITSY-1342	I	I	I/D
2	ITCC-1344	D	D	D
2	ITNW-1309	I	I	I
2	ITCC-2320	D	M	D
2	ITMT-2305	D	D	D
2	ITSC-1391	I		
3	ITDF-1300			D
3	ITSC-2325	M	D	D
3	ITSY-2330	D	D	M
3	ITSY-2341	D	D	M
3	ITSY-2342	D	D	M

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