

## Amarillo College Curriculum Map

|                                    |                                                                                                                                                                                                                                                                                                 |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Division:</b>                   | STEM                                                                                                                                                                                                                                                                                            |
| <b>Degree/Academic Program(s):</b> | CIS-Computer Networking/Cyber Security ( <b>CETT.AAS.NT, COSC.CERT.ESS, COSC.CERT.ADMIN, COSC.CERT.DIG, COSC.CERT.CYBER, COSC.CERT.CSS</b> )                                                                                                                                                    |
| <b>Dean:</b>                       | Edie Carter, Dean                                                                                                                                                                                                                                                                               |
| <b>Chair or Coordinator:</b>       | Karen Boatman, CIS Chair                                                                                                                                                                                                                                                                        |
| <b>Submission Date:</b>            | 09/15/2025                                                                                                                                                                                                                                                                                      |
| <b>Purpose Statement:</b>          | 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. |

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

| SEQ | Program-Specific Courses | PLO #1:<br>Students will demonstrate an understanding of the role of networking and computing in a business environment | PLO #2:<br>Students will develop solutions to the information systems needs of an organization using computer networks | PLO #3:<br>Students will identify new security issues and apply them to the current computing environment |
|-----|--------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 1   | BCIS-1305                | I                                                                                                                       |                                                                                                                        |                                                                                                           |
| 1   | CPMT-1351                | I,D                                                                                                                     | I                                                                                                                      | I                                                                                                         |
| 2   | CPMT-2349                | D                                                                                                                       | D                                                                                                                      | D                                                                                                         |
| 1   | ITCC-1314                | I                                                                                                                       | I                                                                                                                      | I,D                                                                                                       |
| 2   | ITCC-1344                | D                                                                                                                       | I,D                                                                                                                    | D                                                                                                         |
| 4   | ITCC-2320                | M                                                                                                                       | D,M                                                                                                                    | D                                                                                                         |
| 3   | ITDF-1300                |                                                                                                                         |                                                                                                                        | I                                                                                                         |
| 3   | ITDF-2325                |                                                                                                                         |                                                                                                                        | D                                                                                                         |
| 2   | ITSC-1307                | I                                                                                                                       |                                                                                                                        |                                                                                                           |
| 4   | ITSC-2325                | D                                                                                                                       |                                                                                                                        | I                                                                                                         |
| 1   | ITSY-1342                |                                                                                                                         |                                                                                                                        | I,D                                                                                                       |
| 3   | ITSY-2330                | D                                                                                                                       |                                                                                                                        | D                                                                                                         |
| 4   | ITSY-2341                | M                                                                                                                       | M                                                                                                                      | M                                                                                                         |

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