



AA – Computer Information Systems to  
BBA – Computer Information Systems –  
Cybersecurity Concentration  
2024-2025 Transfer Pathway



| Alamo College District    |  |     |                           |  |   |                 |                           |
|---------------------------|--|-----|---------------------------|--|---|-----------------|---------------------------|
| AA Degree Requirements    |  |     |                           |  |   |                 |                           |
| Alamo                     | Course Name                                | SCH | TAMUCT                    | Alamo                                  | Course Name   | SCH             | TAMUCT                    |
| EDUC 1300                 | Learning Framework                         | 3   | EDUC 1300                 | GOVT 2305                              | Federal Government  | 3               | CORE 070                  |
| ENGL 1301                 | Composition I                              | 3   | CORE 010                  | ACCT 2301                              | Principles of Financial Accounting  | 3               | CORE 090                  |
| MATH 1324                 | Mathematics for Business & Social Sciences | 3   | CORE 020                  | COSC 1336 or<br>COSC 1320              | Programming Fundamentals I or<br>Programming in C   | 3               | COSC 1336 or<br>COSC 1320 |
| BCIS 1305                 | Business Computer Applications             | 3   | BCIS 1305                 | CORE 030                               | Life and Physical Sciences Core   | 3               | CORE 030                  |
| ENGL 1302 or<br>ENGL 2311 | Composition II or<br>Technical Writing     | 3   | ENGL 1302 or<br>ENGL 2311 | CORE 060                               | American History Core   | 3               | CORE 060                  |
| ECON 2301                 | Principles of Macroeconomics               | 3   | CORE 080                  | GOVT 2306                              | Texas Government  | 3               | CORE 070                  |
| COSC 1315                 | Introduction to Computer Programming       | 3   | COSC 1315                 | ACCT 2302                              | Principles of Managerial Accounting   | 3               | ACCT 2302                 |
| BUSI 2301                 | Business Law I                             | 3   | BUSI 2301                 | SPCH 1311<br>SPCH 1315 or<br>SPCH 1321 | Introduction to Speech Communication<br>Public Speaking or<br>Business and Professional Communication | 3               | CORE 010                  |
| CORE 050                  | Creative Arts Core                         | 3   | CORE 050                  | CORE 030                               | Life and Physical Sciences Core   | 3               | CORE 030                  |
| CORE 040                  | Language, Philosophy & Culture Core        | 3   | CORE 040                  | ECON 2302                              | Principles of Microeconomics  | 3               | CORE 090                  |
| CORE 060                  | American History Core                      | 3   | CORE 060                  | BUSI 2305                              | Business Statistics   | 3               | BUSI 2305                 |
|                           |  |     |                           |  |   | <b>Subtotal</b> | <b>66</b>                 |

| Alamo College District or Texas A&M University – Central Texas |        |             |                 |
|--|--------|-------------|-----------------|
| Additional Lower-Level or Upper-Level Degree Requirements      |        |             |                 |
| Alamo  | TAMUCT | Course Name | SCH             |
|  |        |             | <b>Subtotal</b> |
|  |        |             | <b>0</b>        |

| Texas A&M University - Central Texas |   |     |           |                                      |                 |
|--------------------------------------|---|-----|-----------|--------------------------------------|-----------------|
| BBA Degree Requirements              |   |     |           |                                      |                 |
| TAMUCT                               | Course Name   | SCH | TAMUCT    | Course Name                          | SCH             |
| BUSI 3301                            | Professionalism and Communication in Business       | 3   | CIS 4345  | Network and Systems Security         | 3               |
| CIS 3347                             | Data Communications and Infrastructure              | 3   | CIS 4350  | Management Information Systems       | 3               |
| CIS 3302                             | Introduction to Business Analytics                  | 3   | CIS 4346  | Applied Security                     | 3               |
| MGMT 3350                            | Management and Organizational Behavior              | 3   | FIN 3301  | Financial Management I               | 3               |
| CIS 4341                             | Information Technology Security and Risk Management | 3   | CIS 4351  | IS Project Management                | 3               |
| CIS 3361                             | Introduction to Computer Forensics                  | 3   | CIS 4301  | Database Theory and Practices        | 3               |
| CIS 4342                             | Computer Security Principles and Practices          | 3   | CIS 4348  | Security Trends and Malware Analysis | 3               |
| CIS 3360                             | Ethics in Computing                                 | 3   | CIS 4360  | Strategic Information Systems        | 3               |
| MKTG 3301                            | Marketing   | 3   | BUSI 4359 | Business Strategy                    | 3               |
| CIS 3365                             | System Analysis and Design                          | 3   | BUSI 4090 | Business Capstone Assessment         | 0               |
|                                      |   |     |           |                                      | <b>Subtotal</b> |
|                                      |   |     |           |                                      | <b>57</b>       |
|                                      |   |     |           |                                      | <b>Total</b>    |
|                                      |   |     |           |                                      | <b>123</b>      |

**Notes/Comments**

TAMUCT offers upper-level courses (those labeled 3XXX-5XXX), while all lower-level courses (those labeled 1XXX-2XXX) should be completed at Alamo. A minimum of 120 semester credit hours is required for all baccalaureate degrees. Pathways may exceed 120 semester credit hours, as certain courses required for the associate degree are transferable but not applicable to the baccalaureate degree. For help with pathway planning, please speak with an [academic advisor](#) or [enrollment specialist](#). *This pathway is intended for planning and visualization purposes and is subject to change.*