



# AS – Business Administration – Field of Study to BBA – Computer Information Systems Management and Networking Concentration 2022-2023 Transfer Pathway



| AS Degree Requirements |           |  |     |           |           |                                     |     |
|------------------------|-----------|--|-----|-----------|-----------|-------------------------------------|-----|
| Central Texas College  |           |  |     |           |           |                                     |     |
| CTC                    | TAMUCT    | Course Name                                  | SCH | CTC       | TAMUCT    | Course Name                         | SCH |
| BUSI 1301              | BUSI 1301 | Business Principles                          | 3   | ACCT 2301 | CORE 090  | Principles of Financial Accounting  | 3   |
| CORE 030               | CORE 030  | Life and Physical Science Core Selection     | 4   | PHIL 1301 | CORE 040  | Introduction to Philosophy          | 3   |
| HIST 1301              | CORE 060  | U.S. History I                               | 3   | GOVT 2305 | CORE 070  | Federal Government                  | 3   |
| ENGL 1301              | CORE 010  | Composition I                                | 3   | ENGL 1302 | ENGL 1302 | Composition II                      | 3   |
| BCIS 1305              | BCIS 1305 | Business Computer Applications               | 3   | EDUC 1100 | EDUC 1100 | Learning Frameworks                 | 1   |
| CORE 030               | CORE 030  | Life and Physical Science Core Selection     | 4   | ACCT 2302 | ACCT 2302 | Principles of Managerial Accounting | 3   |
| HIST 1302              | CORE 060  | U.S. History II                              | 3   | GOVT 2306 | CORE 070  | Texas Government                    | 3   |
| ECON 2301              | CORE 080  | Principles of Macroeconomics                 | 3   | ECON 2302 | CORE 090  | Principles of Microeconomics        | 3   |
| MATH 1324              | CORE 020  | Mathematics for Business and Social Sciences | 3   | SPCH 1321 | CORE 010  | Business and Professional Speaking  | 3   |
| BUSI 2305              | BUSI 2305 | Business Statistics                          | 3   | CORE 050  | CORE 050  | Creative Arts Core Selection        | 3   |
| Subtotal               |           |  |     |           |           |                                     | 60  |

| Additional Lower-Level or Upper-Level Degree Requirements     |                                      |   |     |
|---|--------------------------------------|---|-----|
| Central Texas College or Texas A&M University – Central Texas |                                      |   |     |
| Central Texas College   | Texas A&M University - Central Texas | Course Name                                   | SCH |
| BUSI 2301 <sup>1</sup>  | BUSI 2301                            | Business Law                                  | 3   |
| COSC 1320 or COSC 1336 <sup>1</sup>                           | COSC 1320 or COSC 1336               | C Programming I or Programming Fundamentals I | 3   |
| COSC 1315 <sup>1</sup>  | COSC 1315                            | Fundamentals of Programming                   | 3   |
| Subtotal  |                                      |   | 9   |

| Upper-Level Degree Requirements      |   |     |                                      |                                |     |
|--------------------------------------|---|-----|--------------------------------------|--------------------------------|-----|
| Texas A&M University - Central Texas |   |     |                                      |                                |     |
| Texas A&M University - Central Texas | Course Name   | SCH | Texas A&M University - Central Texas | 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 4301                             | Database Theory and Practices  | 3   |
| FIN 3301                             | Financial Management I                              | 3   | CIS 4376                             | Network Administration         | 3   |
| MKTG 3301                            | Marketing   | 3   | CIS 4351                             | IS Project Management          | 3   |
| MGMT 3350                            | Management and Organizational Behavior              | 3   | CIS 4360                             | Strategic Information Systems  | 3   |
| CIS 3305                             | Operating Systems Theory and Practice               | 3   | CIS 4378                             | Comprehensive Networking       | 3   |
| CIS 3360                             | Ethics in Computing                                 | 3   | BUSI 4359                            | Business Strategy              | 3   |
| CIS 4341                             | Information Technology Security and Risk Management | 3   | CIS 4335                             | UNIX Systems Administration    | 3   |
| CIS 3365                             | System Analysis and Design                          | 3   |                                      |                                |     |
| Subtotal                             |   |     |                                      |                                | 57  |
| Total                                |   |     |                                      |                                | 126 |

## Notes/Comments

The following Pathway Plan is suggested for full-time students. Part-time student will need more time to complete this pathway. For assistance with pathway planning, students should schedule an appointment with an academic advisor. This guide is for planning and visualization purposes only.

- Not all Degree Requirement courses are completed with the AS. Student will need to complete these remaining lower-level courses at the community college. Please consult a TAMUCT financial aid counselor regarding the consortium agreement process.