



# AAS – Computer Applications Technology to BAAS – Information Technology Software and Database Design Concentration 2022-2023 Transfer Pathway



| AAS Degree Requirements            |           |  |     |                                     |          |  |           |
|------------------------------------|-----------|--|-----|-------------------------------------|----------|--|-----------|
| Temple College                     |           |  |     |                                     |          |  |           |
| TEMPLE                             | TAMUCT    | Course Name  | SCH | TEMPLE                              | TAMUCT   | Course Name  | SCH       |
| ITSC 1305 <sup>3</sup>             | VOBU      | Introduction to PC Operating Systems                     | 3   | ITSW 1307 <sup>3</sup>              | VOBU     | Introduction to Database   | 3         |
| COSC 1301                          | CORE 090  | Introduction to Computing                                | 3   | Elective                            | Elective | Information Technology Elective  | 3         |
| BCIS 1305                          | BCIS 1305 | Business Computer Applications                           | 3   | IMED 1316 <sup>3</sup>              | VOBU     | Web Design I   | 3         |
| POFT 1329 or Elective <sup>3</sup> | VOBU      | Beginning Keyboarding or Information Technology Elective | 3   | ITSW 1301 <sup>3</sup>              | VOBU     | Introduction to Word Processing  | 3         |
| ITSW 1310 <sup>3</sup>             | VOBU      | Introduction to Presentation Graphics Software           | 3   | IMED 2311 or ITSC 2386 <sup>3</sup> | VOBU     | Portfolio Development or Internship - Computer and Information Sciences, General | 3         |
| COSC 1436                          | CORE 090  | Programming Fundamentals I                               | 4   | ITSW 1304 <sup>3</sup>              | VOBU     | Introduction to Spreadsheets   | 3         |
| ITSC 1315 <sup>3</sup>             | VOBU      | Project Management Software                              | 3   | CORE 040                            | CORE 040 | Language, Philosophy, Culture Core Selection                                     | 3         |
| ENGL 1301                          | CORE 010  | Composition I  | 3   | Elective                            | Elective | Management Elective  | 3         |
| ENGL 2311 or ENGL 1302             | CORE 010  | Technical and Business Writing or Composition II         | 3   | CORE 080                            | CORE 080 | Social/Behavioral Science Core Selection   | 3         |
| CORE 020                           | CORE 020  | Mathematics Core Selection                               | 3   | SCH                                 | SCH      | Additional Semester Credit Hours   | 2         |
| <b>Subtotal</b>                    |           |  |     |                                     |          |  | <b>60</b> |

| Additional Lower-Level or Upper-Level Degree Requirements |                                      |   |           |
|---|--------------------------------------|---|-----------|
| Temple College or Texas A&M University – Central Texas    |                                      |   |           |
| Temple College  | Texas A&M University - Central Texas | Course Name                                 | SCH       |
| CORE 030 <sup>1</sup>                                     | CORE 030                             | Life and Physical Science Core Selection    | 3         |
| CORE 030 <sup>1</sup>                                     | CORE 030                             | Life and Physical Science Core Selection    | 3         |
| CORE 050 <sup>1</sup>                                     | CORE 050                             | Creative Arts Core Selection                | 3         |
| CORE 060 <sup>1</sup>                                     | CORE 060                             | American History Core Selection             | 3         |
| CORE 060 <sup>1</sup>                                     | CORE 060                             | American History Core Selection             | 3         |
| CORE 070 <sup>1</sup>                                     | CORE 070                             | Government/Political Science Core Selection | 3         |
| CORE 070 <sup>1</sup>                                     | CORE 070                             | Government/Political Science Core Selection | 3         |
| BUSI 2305 <sup>1,2</sup>                                  | BUSI 2305                            | Business Statistics                         | 3         |
| <b>Subtotal</b>   |                                      |   | <b>24</b> |

| 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        |
| CIS 3347                               | Data Communications and Infrastructure   | 3   | CIS 3351                             | Data Structures                     | 3          |
| CIS 3340, CIS 3341, CIS 3342, CIS 3343 | Advanced C++ Programming, Advanced Visual Basic Programming, Advanced Java Programming or C# Programming for Windows and the Web | 3   | CIS 4360                             | Strategic Information Systems       | 3          |
| CIS 3360                               | Ethics in Computing  | 3   | CIS 4340                             | Algorithm Design and Analysis       | 3          |
| CIS 3365                               | System Analysis and Design   | 3   | CIS 4352                             | Structured Query Language           | 3          |
| CIS 4301                               | Database Theory and Practices  | 3   | CIS 4379                             | Software Engineering for E-Business | 3          |
| CIS 4341                               | Information Technology Security and Risk Management  | 3   | Upper-Level CIS Elective             | Upper-Level CIS Elective            | 3          |
| CIS 4350                               | Management Information Systems   | 3   |                                      |                                     |            |
| <b>Subtotal</b>                        |  |     |                                      |                                     | <b>39</b>  |
| <b>Total</b>                           |  |     |                                      |                                     | <b>123</b> |

### Notes/Comments

Texas A&M-Central Texas is an upper-level institution offering 3xxx-5xxx level courses. All 1xxx-2xxx level courses must be completed at a different institution.

For help with pathway planning, student should speak with an [academic advisor](#). This guide is intended for planning and visualization purposes only.

1. Not all bachelor's degree requirement courses are completed with the AAS. 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.
2. Please consult your TAMUCT advisor for information on alternative Upper-Level course offerings.
3. For the Occupational/Technical Specialization credits, students must have a minimum of 12 semester credit hours consisting of technical, occupational, and military training and many include academic electives to complete the maximum allowable 36 semester credit hours.

## Transfer Information

### Transfer of Credit & Student Benefits

**Transfer Central! Your affordable path to a high-quality bachelor's degree.**

[Join Transfer Central](#) and receive exclusive access to resources designed to help you complete your bachelor's degree on time and with less debt:

- Personalized degree planning
- University email address
- Priority class registration
- Dedicated admission counselor
- Customized financial aid consultations
- Invitations to university events and activities

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### College of Business Administration

Explore all the opportunities the College of Business Administration at A&M-Central Texas has to offer. Visit us [ONLINE](#) to see what is happening!

**Start planning today. Schedule an appointment with a COBA academic advisor. Click [HERE](#) to find a time that meets your schedule.**

### Program Admission Requirements

Undergraduate Admission Requirements:

- Minimum 2.0 cumulative transfer GPA on a 4.0 scale
- Minimum 30 academic, college-level transferable hours
- Must be eligible to return to all previously attended institutions

Additional program admission standards may apply. Visit degree program pages or speak with an A&M-Central Texas admission counselor for additional information.

**Get Connected.** Meet in-person, virtually, or via the phone with an admissions counselor today. Click [HERE](#) to schedule an appointment convenient for you.

### Graduate Studies

Continue to advance your skills and new career opportunities with a graduate degree from

Texas A&M University - Central Texas. Click to learn more about the following graduate degrees:

#### [Master of Business Administration](#)

- Computer Information Systems
- Healthcare Administration
- Human Resource Management
- Management
- Data Analytics micro-credential (pending internal approval)
- Leadership for Sustainability

#### [Master of Science – Accounting](#)

#### [Master of Science – Information Systems](#)

#### [Master of Science – Leadership for Sustainability](#)

Graduate Certificates

#### [Healthcare Administration](#)

#### [Leadership for Sustainability](#)