

# AAS-Computer Information Systems to BAAS-Information Technology-Software and Database Design 4-Year Suggested Academic Plan for Transfer 2021-2022 Catalog Year

## First and Second Years

Please speak with your TC advisor for recommended course sequence

| TC                              | TAMUCT   | Course Name   | Hrs | TC                     | TAMUCT                  | Course Name                                      | Hrs       |
|---------------------------------|----------|---|-----|------------------------|-------------------------|--|-----------|
| ITSC 1305                       | VOBU     | Intro to PC Operating Systems   | 3   | ITSC 1325              | VOBU                    | Personal Computer Hardware                       | 3         |
| ITNW 1325                       | VOBU     | Fundamentals of Networking Technology                                 | 3   | ITSC 1315              | VOBU                    | Project Management Software                      | 3         |
| CPMT 2349                       | VOBU     | Advanced Computer Networking Technology                               | 3   | IMED 1316              | VOBU                    | Web Design I                                     | 3         |
| POFT 1329 or Info Tech Elective | VOBU     | Beginning Keyboarding or Information Technology Elective              | 3   | Info Tech Elective     | VOBU                    | Information Technology Elective                  | 3         |
| IMED 2311 or ITSC 2386          | VOBU     | Portfolio Development or Internship-Computer and Information Sciences | 3   | Info Tech Elective     | VOBU                    | Information Technology Elective                  | 3         |
| COSC 1301                       | CORE 090 | Introduction to Computing   | 3   | BCIS 1305              | VOBU                    | Business Computer Applications                   | 3         |
| ENGL 1301                       | CORE 010 | Composition I   | 3   | ENGL 2311 or ENGL 1302 | CORE 010                | Technical and Business Writing or Composition II | 3         |
| CORE 020                        | CORE 020 | CORE Mathematics  | 3   | CORE 040               | CORE 040                | CORE Language, Philosophy & Culture              | 3         |
| CORE 080                        | CORE 080 | CORE Social/Behavioral Science  | 3   | COSC 1436              | Programming Requirement | Programming Fundamentals I                       | 4         |
| Management Elective             | VOBU     | Management Elective   | 3   | CORE 050 <sup>1</sup>  | CORE 050                | CORE Creative Arts                               | 3         |
| <b>Total</b>                    |          |   |     |                        |                         |  | <b>61</b> |

## Third Year – Junior

Fall Semester – Spring Semester

| TC                    | TAMUCT                       | Course Name  | Hrs       | TC                    | TAMUCT   | Course Name                       | Hrs       |
|-----------------------|------------------------------|--|-----------|-----------------------|----------|-----------------------------------|-----------|
| CORE 030 <sup>1</sup> | CORE 030                     | CORE Life and Physical Science   | 3         | CORE 060 <sup>1</sup> | CORE 060 | CORE American History             | 3         |
| CORE 060 <sup>1</sup> | CORE 060                     | CORE American History  | 3         | CORE 070 <sup>1</sup> | CORE 070 | CORE Government/Political Science | 3         |
| CORE 070 <sup>1</sup> | CORE 070                     | CORE Government/Political Science  | 3         | CORE 030 <sup>1</sup> | CORE 030 | CORE Life and Physical Science    | 3         |
|                       | CIS 3347                     | Data Communications and Infrastructure   | 3         |                       | CIS 3365 | System Analysis and Design        | 3         |
|                       | CIS 3340, 3341, 3342 or 3343 | Advanced C++ Programming, Advanced Visual Basic Programming, Advanced Java Programming or C# Programming for Windows and the Web | 3         |                       | CIS 3351 | Data Structures                   | 3         |
| <b>Total</b>          |                              |  | <b>15</b> | <b>Total</b>          |          |                                   | <b>15</b> |

## Fourth Year - Senior

Fall Semester – Spring Semester

| TC           | TAMUCT   | Course Name                         | Hrs       | TC           | TAMUCT            | Course Name                     | Hrs       |
|--------------|----------|-------------------------------------|-----------|--------------|-------------------|---------------------------------|-----------|
|              | CIS 3360 | Ethics in Computing                 | 3         |              | Adv. CIS Elective | Advanced CIS Elective           | 3         |
|              | CIS 4352 | Structured Query Language           | 3         |              | CIS 4360          | Strategic Information Systems   | 3         |
|              | CIS 4350 | Management Information Systems      | 3         |              | CIS 4340          | Algorithm Analysis and Design   | 3         |
|              | CIS 4301 | Database Theory and Practices       | 3         |              | CIS 4341          | IT Security and Risk Management | 3         |
|              | CIS 4379 | Software Engineering for E-Business | 3         |              | BUSI 3311         | Business Statistics             | 3         |
| <b>Total</b> |          |                                     | <b>15</b> | <b>Total</b> |                   |                                 | <b>15</b> |

### Notes/Comments:

- (1) Due to the nature of the AAS program, not all Texas Common Core 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) Some Texas Common Core may be offered as a Dual Credit course. Please consult with your Temple College advisor

## Transfer Information

### Transfer of Credit & Student Benefits

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

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- Personalized degree planning
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- Dedicated admission counselor
- Customized financial aid consultations
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Click [HERE](#) to join now.

### 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](#)