



# AAS - Information Technology to BAAS - Information Technology - Software and Database Design 2021-2022 Transfer Pathway



## First and Second Years

Please speak with your CTC advisor for recommended course sequence

CTC	TAMUCT	Course Name	Hrs	CTC	TAMUCT	Course Name	Hrs
CPMT 1345	VOBU	Computer Systems Maintenance	3	ITSW 1307	VOBU	Introduction to Database	3
ITSC 1415	VOBU	Project Management Software	4	ITSY 1342	VOBU	Information Technology Security	3
IMED 1316	VOBU	Web Design I	3	ITNW 1337	VOBU	Introduction to the Internet	3
ITSC 1325	VOBU	Personal Computer Hardware	3	ITNW 1325 or ITCC 1314	VOBU	Fundamentals of Networking Technologies or CCNA 1: Introduction to Networks	3
ITSC 2439 or ITSC 2486	VOBU	Personal Computer Help Desk Support or Internship-Computer and Information Sciences	4	ITSE 1329 or COSC 1315	VOBU	Programming Logic and Design or Introduction to Computer Programming	3
ITSC 1309 or BCIS 1305	VOBU	Integrated Software Applications I or Business Computer Applications	3	ENGL 1301	CORE 010	Composition I	3
COSC 1336	CORE 090	Programming Fundamentals I	3	MATH 1414	CORE 020	College Algebra	4
SPCH 1321	CORE 010	Business and Professional Communication	3	CORE 050	CORE 050	CORE Creative Arts	3
CORE 040	CORE 040	CORE Language, Philosophy and Culture	3	COSC 1301	CORE 090	Introduction to Computing	3
CORE 080	CORE 080	CORE Social and Behavioral Science	3				
				<b>Total</b>			<b>60</b>

## Third Year - Junior

Fall Semester – Spring Semester

CTC	TAMUCT	Course Name	Hrs	CTC	TAMUCT	Course Name	Hrs
CORE 030 <sup>1</sup>	CORE 030	CORE Life and Physical Science	3	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
	CIS 3347	Data Communications and Infrastructure	3		CIS 3351	Data Structures	3
	CIS 3340, CIS 3341, CIS 3342 or CIS 3343	Advanced C++ Programming, Advanced Visual Basic Programming, Advanced Java Programming or C# Programming for Windows and the Web	3		CIS 3360	Ethics in Computing	3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>

## Fourth Year - Senior

Fall Semester – Spring Semester

TAMUCT	Course Name	Hrs	TAMUCT	Course Name	Hrs
CIS 3365	System Analysis and Design	3	CIS 4360	Strategic Information Systems	3
BUSI 3311	Business Statistics	3	CIS 4341	Information Technology Security and Risk Management	3
CIS 4350	Management Information Systems	3	CIS 4340	Algorithm Design and Analysis	3
CIS 4352	Structured Query Language	3	CIS 4301	Database Theory and Practice	3
CIS 4379	Software Engineering for E-Business	3	Adv. CIS Elective	Advanced CIS Elective	3
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>

### Notes/Comments:

- 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.

## 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

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](#)