



## AS - Computer Science to BS - Computer Science 2021-2022 Transfer Pathway



### First and Second Years

Please speak with your Blinn advisor for recommended course sequence

Blinn	TAMUCT	Course Name	Hrs	Blinn	TAMUCT	Course Name	Hrs
ENGL 1301	CORE 010	Composition I	3	ENGL 1302	CORE 010	Composition II	3
MATH 2413	CORE 020	Calculus I	4	PHYS 2425	CORE 030	University Physics I	4
PHYS 2426	CORE 030	University Physics II	4	PHIL 2306	CORE 040	Introduction to Ethics	3
CORE 050	CORE 050	CORE Creative Arts	3	CORE 060	CORE 060	CORE American History	3
CORE 060	CORE 060	American History	3	ECON 2302	CORE 080	Principles of Microeconomics	3
COSC 1436	CORE 090	Programming Fundamentals I	4	COSC 1437	CORE 090	Programming Fundamentals II	4
MATH 2414	Degree Requirement	Calculus II	4	MATH 2305	Degree Requirement	Discrete Mathematics	3
SPCH 1315	Any Level Elective	Public Speaking	3	COSC 2436	Any Level Elective	Programming Fundamentals III	4
COSC 2425	Any Level Elective	Computer Organization	4	PHED 1164	Any Level Elective	Introduction to Physical Fitness and Wellness	1
			<b>Total</b>				<b>60</b>

### Third Year - Junior

Fall Semester – Spring Semester

Blinn	TAMUCT	Course Name	Hrs	Blinn	TAMUCT	Course Name	Hrs
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		COSC 3380	Operating Systems	3
	CIS 3360	Ethics in Computing	3		COSC 4340	Analysis of Algorithms	3
	CIS 3330, CIS 3332, CIS 3340, CIS 3342 or CIS 3343	C++ Programming, Java Programming, Advanced C++ Programming, Advanced Java Programming or C# Programming for Windows and the Web	3		MATH 3360 or MATH 3332	Numerical Analysis I or Linear Algebra	3
	Advanced Elective	Advanced Elective	3		Advanced Elective	Advanced Elective	3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>

### Summer Semester

TAMUCT	Course Name	Hrs	TAMUCT	Course Name	Hrs
Advanced Elective	Advanced Elective	3	Advanced Elective	Advanced Elective	3
			<b>Total</b>	<b>6</b>	

### Fourth Year - Senior

Fall Semester – Spring Semester

TAMUCT	Course Name	Hrs	TAMUCT	Course Name	Hrs
COSC 3343	Computer Architecture	3	COSC 4378	Computer Networks	3
COSC 3351	Data Structures	3	COSC 4341	IT Security and Risk Management	3
COSC 4301	Database Theory and Practices	3	COSC 4379	Software Engineering for E-Business	3
Advanced Elective	Advanced Elective	3	MATH 3300	Principles of Statistics	3
Advanced Elective	Advanced Elective	3	Advanced Elective	Advanced Elective	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.

## 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](#)