AS – Computer Science to BS – Computer Science 2022-2023 Transfer Pathway

AS Degree Requirements
Temple College

TEMPLE	TAMUCT	Course Name	SCH	TEMPLE	TAMUCT	Course Name	SCH
MATH 2413	CORE 020	Calculus I	4	PHYS 2425	CORE 030	University Physics I	4
ENGL 1301	CORE 010	Composition I	3	GOVT 2305	CORE 070	Federal Government	3
ENGL 1302	CORE 010	Composition II	3	COSC 2436	COSC 2436	Programming Fundamentals III	4
CORE 050	CORE 050	Creative Arts Core Selection	3	MATH 1442	MATH 1442	Elementary Statistical Methods	4
MATH 2414	MATH 2414	Calculus II	4	PHYS 2426	CORE 030	University Physics II	4
COSC 1436	CORE 090	Programming Fundamentals I	4	GOVT 2306	CORE 070	Texas Government	3
COSC 1437	CORE 090	Programming Fundamentals II	4	CORE 040	CORE 040	Language, Philosophy, Culture Core Selection	3
CORE 080	CORE 080	Social/Behavioral Science Core	3	HIST 1302	CORE 060	United States History II	3
HIST 1301	CORE 060	United States History I	3	Additional SCH	Additional SCH	Additional Semester Credit Hours for Graduation	1
						Subtotal	**60**

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
MATH 2305[1,2]	MATH 2305	Discrete Mathematics	3
		Subtotal	**3**

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 3360	Ethics in Computing	3	COSC 3343	Computer Architecture	3
CIS 3330, 3332, 3340, 3342 or 3343	C++ Programming, Java Programming, Advanced C++ Programming, Advanced Java Programming or C# Programming for Windows and the Web	3	COSC 4379	Software Engineering for E-Business	3
MATH 3360 or 3332	Numerical Analysis I or Linear Algebra	3	COSC 3351	Data Structures	3
COSC 4341	Information Technology Security and Risk Management	3	COSC 4340	Analysis of Algorithms	3
COSC 3380	Operating Systems	3	COSC 4378	Computer Networks	3
COSC 4301	Database Theory and Practices	3	Upper-Level Faculty Approved Elective	Upper-Level Faculty Approved Elective	21
CIS 3347	Data Communications and Infrastructure	3			
				Subtotal	**57**
				Total	**120**

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 AS. Students 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.

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