

Bachelor of Science Mechanical Engineering Technology 2024-2025 Transfer Guide

Core Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
CORE 010 ¹	CORE 010	Communications Core	3
CORE 010 ¹	CORE 010	Communications Core	3
MATH 2413	CORE 020	Calculus I	4
CHEM 1411	CORE 030	General Chemistry I (Lecture + Lab)	4
PHYS 1401	CORE 030	College Physics I (Lecture + Lab)	4
CORE 040 ¹	CORE 040	Language, Philosophy, and Culture Core	3
CORE 050 ¹	CORE 050	Creative Arts Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 060 ¹	CORE 060	American History Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 070 ¹	CORE 070	Government/Political Science Core	3
CORE 080 ¹	CORE 080	Social and Behavioral Sciences Core	3
MATH 2414	CORE 090	Calculus II	4
PHYS 1402	CORE 090	College Physics II (Lecture + Lab)	4
Subtotal			47

Additional Lower-Level Degree Requirements (Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
ENGR 1201	ENGR 1201	Introduction to Engineering	2
ENGR 1304 or Any ENGT Elective ^{2,3}	ENGR 1304	Engineering Graphics or Any ENGT Elective	3
ENGR 2301	ENGR 2301	Engineering Mechanics I – Statics	3
ENGR 2302	ENGR 2302	Engineering Mechanics II – Dynamics	3
ENGR 2305 or ENGR 2306	ENGR 2305 or ENGR 2306	Electrical Circuits I (Lecture) or Electrical Circuits II (Lecture)	3
ENGR 2332 or ENGT 2307	ENGR 2332 or ENGT 2307	Mechanics of Materials or Engineering Materials I	3
ENGL 2311 ⁴	ENGL 2311	Technical & Business Writing	3
Any ENGT Elective ^{2,3}	Any ENGT Elective	Any ENGT Elective	9
Subtotal			29

Upper-Level Degree Requirements Texas A&M University - Central Texas					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
ENGT 3305	Computer Aided Problem Solving	3	ENGT 3415	Material Science	4
ENGT 3306	Decision Making Models	3	ENGT 4325	Senior Design A	3
ENGT 3310	Applied Thermodynamics	3	ENGT 4307	Engineering Economics	3
ENGT 3311	Fluid Mechanics	3	ENGT 4421	Solid Modeling	4
ENGT 3302	Manufacturing Processes	3	ENGT 3320	Quality Control Technology	3
ENGT 3312	Heat Transfer	3	ENGT 4326	Senior Design B	3
ENGT 3213	Thermal Fluids Lab	2	ENGT 4422	Electrical Power and Controls	4
Subtotal					44
Total					120

Notes/Comments

Texas A&M University - Central Texas only offers upper-level courses (3xxx-5xxx labeled courses), all lower-level courses (1xxx-2xxx labeled courses) will need to be completed at the transferring institution. For help with pathway planning, student should speak with an [academic advisor](#). This pathway is intended for planning and visualization purposes only.

1. Refer to the General Education Core Requirements [page](#) for more information on the CORE Requirement coursework.
2. Any-level electives may be taken at either at Texas A&M University-Central Texas or another institution. Please consult an academic advisor prior to selecting electives.
3. ENGT Electives are defined as the following courses: Upper-Level ENGT Electives , MATH 2320, MATH 3306, MATH 3332, MATH 3360, MATH 3370, BUSI 3311, MGMT 3350 or MGMT 4370. Students may substitute other courses as ENGT electives with the approval from an ENGT advisor.
4. Students can also fulfill this degree requirement by enrolling in ENGL 3309 at Texas A&M University - Central Texas.



TEXAS A&M
UNIVERSITY
CENTRAL TEXAS.