

Bachelor of Science Mechanical Engineering Technology 2025-2026 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 ²	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
Any Level ENGT Elective ^{3,4}	Any Level ENGT Elective	Any Level ENGT Elective	9
			Subtotal
			26

Upper-Level Degree Requirements Texas A&M University–Central Texas					
TAMUCT	Course Name	SCH	TAMUCT	Course Name	SCH
ENGL 3309 ⁵	Tech Writing & Document Design	3	ENGT 3415	Material Science	4
ENGT 3305	Computer Aided Problem Solving	3	ENGT 4325	Senior Design A	3
ENGT 3306	Decision Making Models	3	ENGT 4307	Engineering Economics	3
ENGT 3310	Applied Thermodynamics	3	ENGT 4421	Solid Modeling	4
ENGT 3311	Fluid Mechanics	3	ENGT 3320	Quality Control Technology	3
ENGT 3302	Manufacturing Processes	3	ENGT 4326	Senior Design B	3
ENGT 3312	Heat Transfer	3	ENGT 4422	Electrical Power and Controls	4
ENGT 3213	Thermal Fluids Lab	2			
					Subtotal
					47
					Total
					120

Notes/Comments	
Texas A&M–Central Texas only offers upper-level courses (those labeled 3XXX-5XXX), all lower-level courses (those labeled 1XXX-2XXX) should be completed at the transferring institution. A minimum of 120 semester credit hours is required for all baccalaureate degrees. For help with transfer planning, please speak with an academic advisor or enrollment specialist. <i>This transfer guide is intended for planning and visualization purposes and is subject to change.</i> 1. Refer to the General Education Core Requirements page for more information on the CORE Requirement coursework. 2. If an ENGT elective is chosen, the elective should be delayed until the third or fourth year of the degree program. 3. 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 any-level electives. 4. ENGT Electives are defined as the following courses: Upper-Level ENGT Electives, MATH 2320 or 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. 5. Students may also fulfill this degree requirement by enrolling in ENGL 2311.	



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