

Bachelor of Science Mechanical Engineering Technology 2023-2024 Transfer Guide

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

Additional Lower-Level Degree Requirements			
(Transfer Credits)			
Transferring Institution	Texas A&M University - Central Texas	Course Name	SCH
ENGR 1201	Degree Requirement	Introduction to Engineering	2
ENGR 2301	Degree Requirement	Engineering Mechanics I – Statics	3
ENGR 1304 or ENGT Elective ²	Degree Requirement	Engineering Graphics or ENGT Elective	3
ENGR 2302	Degree Requirement	Engineering Mechanics II – Dynamics	3
ENGR 2305 or ENGR 2306	Degree Requirement	Electrical Circuits I or Introduction to Digital Systems	3
ENGR 2332 or ENGT 2307	Degree Requirement	Mechanics of Materials or Engineering Materials I	3
Subtotal			17

Upper-Level Degree Requirements			
Texas A&M University - Central Texas			
Texas A&M University - Central Texas	Course Name		SCH
ENGT 3305	Computer Aided Problem Solving		3
ENGT 3306	Engineering Ethics		3
ENGL 3309 ³	Tech Writing & Document Design		3
ENGT 3310	Applied Thermodynamics		3
ENGT 3311	Fluid Mechanics		3
ENGT 3302	Manufacturing Processes		3
ENGT 3312	Heat Transfer		3
ENGT 3213	Thermal Fluids Lab		2
ENGT 3415	Material Science		4
ENGT 4325	Senior Design A		3
ENGT 4307	Engineering Economics		3
ENGT 4421	Solid Modeling		4
ENGT 3320	Quality Control Technology		3
ENGT 4326	Senior Design B		3
ENGT 4422	Electrical Power and Controls		4
ENGT Elective ²	ENGT Elective		9
Subtotal			56
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. 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, MGMT 4370. Students may substitute other courses as ENGT electives with the approval from an ENGT advisor.
3. ENGL 2311 - Technical & Business Writing may be used to fulfill this degree requirement.



TEXAS A&M
UNIVERSITY
CENTRAL TEXAS.