



Transfer Pathway: Your roadmap from Victoria College

Mechanical Engineering

Freshman Year Fall Semester

Victoria College Courses	SCH	Transfers to Texas A&M-Kingsville as	SCH
<input type="checkbox"/> MATH 2413-Calculus I	4	<input type="checkbox"/> MATH 2413-Calculus I	4
<input type="checkbox"/> ENGR 1304-Engineering Graphics	3	<input type="checkbox"/> MEEN 1310-Engineering Graphics I	3
<input type="checkbox"/> ENGL 1301-Composition I	3	<input type="checkbox"/> ENGL 1301-Rhetoric and Composition	3
<input type="checkbox"/> HIST 1301-United States History I	3	<input type="checkbox"/> HIST 1301-American History	4
<input type="checkbox"/> ENGR 1201-Intro to Engineering	2	<input type="checkbox"/> GEEN 1201-Engineering as a Career	2
Total Credit Hours	15	Total Credit Hours	15

Freshman Year Spring Semester

Victoria College Courses	SCH	Transfers to Texas A&M-Kingsville as	SCH
<input type="checkbox"/> HIST 1302-United States History II	3	<input type="checkbox"/> HIST 1302-American History	3
<input type="checkbox"/> Creative Arts	3	<input type="checkbox"/> Creative Arts	3
<input type="checkbox"/> PHYS 2425-University Physics I	4	<input type="checkbox"/> PHYS 2325-University Physics I/PHYS 2125-University Physics I Lab	4
<input type="checkbox"/> ENGL 1302-Composition II	3	<input type="checkbox"/> ENGL 1302-Rhetoric and Composition	3
<input type="checkbox"/> MATH 2414-Calculus II	4	<input type="checkbox"/> MATH 2414-Calculus II	4
Total Credit Hours	17	Total Credit Hours	17

Sophomore Year Fall Semester

Victoria College Courses	SCH	Transfers to Texas A&M-Kingsville as	SCH
<input type="checkbox"/> PHYS 2426-University Physics II	4	<input type="checkbox"/> PHYS 2326-University Physics II/PHYS 2126-University Physics II Lab	4
<input type="checkbox"/> GOVT 2305-Federal Government	3	<input type="checkbox"/> POLS 2301-Government and Politics of US	3
<input type="checkbox"/> Language, Philosophy & Culture	3	<input type="checkbox"/> Language, Philosophy & Culture	3
<input type="checkbox"/> MATH 2420-Differential Equations (1)	4	<input type="checkbox"/> MATH 3320-Differential Equations	3
<input type="checkbox"/> Social/Behavioral Science	3	<input type="checkbox"/> Social/Behavioral Science	3
Total Credit Hours	17	Total Credit Hours	16

Sophomore Year Spring Semester

Victoria College Courses	SCH	Transfers to Texas A&M-Kingsville as	SCH
<input type="checkbox"/> GOVT 2306-Texas Government	3	<input type="checkbox"/> POLS 2302-Government and Politics of Texas	3
<input type="checkbox"/> CHEM 1411-General College Chemistry I	4	<input type="checkbox"/> CHEM 1311-General Inorganic Chemistry/CHEM 1111-General Inorganic Chemistry Lab	4
<input type="checkbox"/> MATH 2415-Calculus III (1)	4	<input type="checkbox"/> MATH 3415-Calculus III	4
<input type="checkbox"/> Communications	3	<input type="checkbox"/> Communications	3
Total Credit Hours	14	Total Credit Hours	14





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Junior Year Fall Semester

Texas A&M-Kingsville Courses	SCH	Texas A&M-Kingsville Courses	SCH
<input type="checkbox"/> MEEN 1320-Elem Number Method and Eng. Problem Solving	3	<input type="checkbox"/> MEEN 3344-Materials Science	3
<input type="checkbox"/> CEEN 2301-Mechanics I	3	<input type="checkbox"/> MEEN 3145-Materials Science Lab	1
<input type="checkbox"/> MEEN 2146-Engineering Measurement	1	<input type="checkbox"/> MEEN 3347-Thermodynamics	3
Total Credit Hours			14

Junior Year Spring Semester

Texas A&M-Kingsville Courses	SCH	Texas A&M-Kingsville Courses	SCH
<input type="checkbox"/> MEEN 2302-Dynamics	3	<input type="checkbox"/> MEEN 3349-Fund. MFG Processes	3
<input type="checkbox"/> CEEN 3311-Strength of Materials	3	<input type="checkbox"/> MEEN 4341-Appl. Thermodynamics	3
<input type="checkbox"/> CEEN 3392-Hydraulics & Fluid Mechanics	3	Total Credit Hours	
			15

Junior Year Summer Semester

Texas A&M-Kingsville Courses	SCH	Texas A&M-Kingsville Courses	SCH
<input type="checkbox"/> MEEN 3348 Heat Transfer	3	<input type="checkbox"/> EEEN 3331 Circuits/Electromagnetic Devices	3
<input type="checkbox"/> MEEN 3350 Design Machine Elements	3	<input type="checkbox"/> MEEN 3360 Engineering Design and Simulation	3
Total Credit Hours			12

Senior Year Fall Semester

Texas A&M-Kingsville Courses	SCH	Texas A&M-Kingsville Courses	SCH
<input type="checkbox"/> MEEN 3352 Kinematic Analysis of Machines	3	<input type="checkbox"/> MEEN 4344 Control of Systems	3
<input type="checkbox"/> MEEN 4131 Mechanical Engr. Lab	1	<input type="checkbox"/> MEEN 4351 Machine Design	3
<input type="checkbox"/> MEEN 4263 ME Design Project I	2	<input type="checkbox"/> Engineering Elective	3
Total Credit Hours			15

Senior Year Spring Semester

Texas A&M-Kingsville Courses	SCH	Texas A&M-Kingsville Courses	SCH
<input type="checkbox"/> MEEN 4264-ME Design Projects II	2	<input type="checkbox"/> Engineering Elective	3
<input type="checkbox"/> Math Elective	3	<input type="checkbox"/> CEEN 3317-Engineering Economy	3
<input type="checkbox"/> Engineering Elective	3	Total Credit Hours	
			14

Although following a pathway does not guarantee admission to Texas A&M-Kingsville, it gives you a clear roadmap to prepare for your major and be well positioned to graduate on time.

Candidates for a bachelor's degree must have a minimum of 25% of total semester credit hours (SCH) required for the degree completed in residence at Texas A&M-Kingsville. Twenty-four of the last 30 SCH must be taken at Texas A&M-Kingsville.

A major when specified as a degree requirement shall consist of a minimum of 24 SCH in one subject, 6 of which must be taken at Texas A&M-Kingsville. In English, the required freshman courses may not count as part of this amount.

A minor shall consist of a minimum of 18 SCH in a subject closely related to the major. In English, the required freshman courses may not count as part of this amount. At least 50% of the work offered in the major field must be advanced, and at least 6 SCH of advanced work must be offered in the minor field.

For more details, please see the Academic Catalog at <https://catalog.tamuk.edu/>.