



**Transfer Pathway: Your roadmap from Victoria College**

Electrical 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"/> CHEM 1411-General College Chemistry I	4	<input type="checkbox"/> CHEM 1311-General Inorganic Chem/CHEM 1111General Inorganic Chem Lab	4
<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	3
<input type="checkbox"/> ENGR 1201-Intro to Engineering	2	<input type="checkbox"/> GEEN 1201-Engineering as a Career	2
<b>Total Credit Hours</b>	<b>16</b>	<b>Total Credit Hours</b>	<b>16</b>

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
<b>Total Credit Hours</b>	<b>17</b>	<b>Total Credit Hours</b>	<b>17</b>

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
<b>Total Credit Hours</b>	<b>14</b>	<b>Total Credit Hours</b>	<b>14</b>

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"/> Social/Behavioral Science	3	<input type="checkbox"/> Social/Behavioral Science	3
<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
<b>Total Credit Hours</b>	<b>13</b>	<b>Total Credit Hours</b>	<b>13</b>





**Transfer Pathway: Your roadmap from Victoria College**

Electrical Engineering

Junior Year Fall Semester

<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>	<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>
<input type="checkbox"/> CSEN 2340-Digital Logic Design	3	<input type="checkbox"/> EEEN 3334-Random Signals	3
<input type="checkbox"/> CEEN 3317-Engineering Economy	3	<input type="checkbox"/> MATH 4341-Linear Algebra	3
<b>Total Credit Hours</b>			<b>12</b>

Junior Year Spring Semester

<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>	<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>
<input type="checkbox"/> EEEN 3333-Linear Control Systems and Signals	3	<input type="checkbox"/> EEEN 3325-Electronics I	3
<input type="checkbox"/> EEEN 3324-Electromagnetics	3	<input type="checkbox"/> Engineering Elective	3
<input type="checkbox"/> EEEN 3212-Circuits and Electronics Lab	2	<b>Total Credit Hours</b>	
			<b>14</b>

Junior Year Summer Semester

<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>	<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>
<input type="checkbox"/> Engineering Elective	3	<input type="checkbox"/> EEEN 3321 Network Analysis II	3
<b>Total Credit Hours</b>			<b>6</b>

Senior Year Fall Semester

<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>	<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>
<input type="checkbox"/> EEEN 3449-Microprocessor Systems	4	<input type="checkbox"/> EEEN 4252-Advanced Laboratory	2
<input type="checkbox"/> EEEN 4342-Electronics II	3	<input type="checkbox"/> EEEN 4354-Linear Control Systems	3
<input type="checkbox"/> EEEN 4422-Electric Drives	3	<b>Total Credit Hours</b>	
			<b>15</b>

Senior Year Spring Semester

<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>	<b>Texas A&amp;M-Kingsville Courses</b>	<b>SCH</b>
<input type="checkbox"/> EEEN 4224-Electrical & Computer Engineering Projects Lab	3	<input type="checkbox"/> Engineering Elective	3
<input type="checkbox"/> EEEN 4329-Communication Engineering	3	<input type="checkbox"/> Engineering Elective	3
<input type="checkbox"/> EEEN 4355-Digital Systems Engineering	3	<b>Total Credit Hours</b>	
			<b>15</b>

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/>.