

**Science  
Associate of Science  
Chevron Engineering Academy**

Texas Southmost College  
Division of Science Technology, Engineering & Mathematics/  
Career & Technical Education

Students who graduate from the Chevron Engineering Academy with an Associate of Science in Science may qualify to transfer to four-year engineering degree at Texas A&M University – College Station. This program of study is for students who are Calculus ready. In addition to the TSC courses listed below, academy students will also co-enroll at Texas A&M College Station and take the following courses: ENGR 102 Engineering Lab I Computation, ENGR 216 Experimental Physics & Engineering Lab II, ENGR 217 Experimental Physics & Engineering Lab III, MEEN 221 Statics & Dynamics or ENGR 482 Engineering Ethics.

<b>FIRST YEAR - FALL SEMESTER</b>	<b>CREDIT HOURS</b>
ENGL 1301 <sup>+</sup> Composition I.....	3
HIST 1301 <sup>+</sup> U.S. History I.....	3
MATH 2413 <sup>+</sup> Calculus I.....	4
CHEM 1311 <sup>+</sup> General Chemistry I.....	3
CHEM 1111 <sup>+</sup> General Chemistry I Lab.....	1
 <b>FIRST YEAR - SPRING SEMESTER</b>	
XXXX X1XX <sup>+</sup> Science Lab.....	1
PHYS 2325 <sup>+</sup> University Physics I.....	3
PHYS 2125 <sup>+</sup> University Physics I Lab.....	1
CHEM 1312 <sup>+</sup> General Chemistry II.....	3
CHEM 1112 <sup>+</sup> General Chemistry II Lab.....	1
MATH 2414 <sup>+</sup> Calculus II.....	4
 <b>FIRST YEAR – SUMMER</b>	
SOCI 1301 <sup>+</sup> Introduction to Sociology.....	3
HIST 1302 <sup>+</sup> U.S. History II.....	3
 <b>SECOND YEAR - FALL SEMESTER</b>	
ARCH 1301 <sup>+</sup> Architectural History I.....	3
GOVT 2305 <sup>+</sup> Federal Government.....	3
MATH 2415 <sup>+</sup> Calculus III.....	4
PHYS 2326 <sup>+</sup> University Physics II.....	3
PHYS 2126 <sup>+</sup> University Physics II Lab.....	1
 <b>SECOND YEAR - SPRING SEMESTER</b>	
ENGL 2311 <sup>+</sup> Technical & Business Writing.....	3
GOVT 2306 <sup>+</sup> Texas Government.....	3
MATH 2420 <sup>+</sup> Differential Equations.....	4
XXXX X3XX <sup>+</sup> Language, Philosophy & Culture.....	3
 <b>TOTAL CREDIT HOURS FOR GRADUATION - 60</b>	

<sup>+</sup> Grade of “C” or better is required for graduation.

Students not ready to enroll in MATH 2413 Calculus I during the first semester of the program of study must take MATH 2412 before the first fall semester. Final acceptance into the program is contingent upon completing this course with a grade of “C” or better.

Students must be accepted into the Chevron Engineering Academy for this program of study.