

**Science  
Associate of Science  
Chevron Engineering Academy**

Texas Southmost College  
Division of Science Technology, Engineering & Mathematics

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+ Composition I.....	3
HIST 1301+ U.S. History I.....	3
MATH 2413+ Calculus I.....	4
CHEM 1311+ General Chemistry I.....	3
CHEM 1111+ General Chemistry I Lab.....	1

<b>FIRST YEAR - SPRING SEMESTER</b>	
XXXX X1XX+ Science Lab .....	1
PHYS 2325+ University Physics I.....	3
PHYS 2125+ University Physics I Lab.....	1
CHEM 1312+ General Chemistry II.....	3
CHEM 1112+ General Chemistry II Lab.....	1
MATH 2414+ Calculus II.....	4

<b>FIRST YEAR – SUMMER</b>	
SOCI 1301+ Introduction to Sociology .....	3
HIST 1302+ U.S. History II.....	3

<b>SECOND YEAR - FALL SEMESTER</b>	
ARCH 1301+ Architectural History I .....	3
GOVT 2305+ Federal Government.....	3
MATH 2415+ Calculus III.....	4
PHYS 2326+ University Physics II.....	3
PHYS 2126+ University Physics II Lab .....	1

<b>SECOND YEAR - SPRING SEMESTER</b>	
ENGL 2311+ Technical & Business Writing .....	3
GOVT 2306+ Texas Government.....	3
MATH 2420+ Differential Equations .....	4
XXXX X3XX+ Language, Philosophy & Culture .....	3

**TOTAL CREDIT HOURS FOR GRADUATION - 60**

+ 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.