

**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.

| FIRST YEAR - FALL SEMESTER | CREDIT HOURS |
|---|---------------------|
| 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 |
| FIRST YEAR - SPRING SEMESTER | |
| 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 |
| FIRST YEAR – SUMMER | |
| SOCI 1301+ Introduction to Sociology | 3 |
| HIST 1302+ U.S. History II..... | 3 |
| SECOND YEAR - FALL SEMESTER | |
| 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 |
| SECOND YEAR - SPRING SEMESTER | |
| 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.