



**Associate of Science in Engineering
Dual Enrollment Engineering Academy Degree Plan 2023-2025**

South Texas College	
Summer Session I & II	Credit hrs.
MATH 1414 College Algebra (SSI)	4
MATH 2412 Pre-Calculus & Trigonometry (SSII)	4
ENGR 1201 Introduction to Engineering (SSII)	<u>2</u>
Total	10
(Fall 1st Year) Semester I	
MATH 2413 Calculus I	4
HIST 1301 United States History I	3
ENGL 1301 Composition	3
ENGR 1304 Engineering Graphics I	<u>3</u>
Total	13
(Spring 1st Year) Semester II	
MATH 2414 Calculus II	4
ENGL 1302 Composition II-Rhetoric	3
CHEM 1409 General Chemistry for Engineering Majors	4
HIST 1302 United States History II	<u>3</u>
Total	14
Summer Session I & II	
PHIL 2306 Intro to Ethics	3
PHYS 2425 University Physics I (SSII)	4
MUSI 1306 Music Appreciation (SSII)	<u>3</u>
Total	10
(Fall 2nd Year) Semester III	
MATH 2420 Differential Equations	4
GOVT 2305 Federal Government	3
ENGR 2301 Statics	3
PHYS 2426 University Physics II	<u>4</u>
Total	14
(Spring 2nd Year) Semester IV	
GOVT 2306 Texas Government	3
ECON 2301 Principals of Economics I- Macro	3
ENGR 2405 Electrical Circuits I	4
ENGR 2302 Dynamics	<u>3</u>
Total	13
Total STC Credits	74