

Pre-Engineering Program – Mechanical Engineering**2017-2018**

Semester 1	Hours
WRIT 1301: Composition I	3
HIST 1301: United States History I	3
ENGR 1201: Introduction to Engineering	2
CHEM 1311/1111: General Chemistry w /Lab	4
MATH 2413: Calculus I	4
PSYC 1100: Learning Frameworks	1
Total Semester Hours	17

Semester 2	Hours
WRIT 1302: Composition II	3
ENGR 1304: Engineering Graphics	3
COMM 1315: Public Speaking	3
PHYS 2325/2125: University Physics I w/ Lab	4
MATH 2414: Calculus II	4
Total Semester Hours	17

Semester 3	Hours
POLS 2305: Federal Government	3
PHYS 2326/2126: University Physics II w/ Lab	4
MATH 2315: Calculus III	3
MENG 2301: Engineering Mechanics I (Statics)	3
MATH 2318: Linear Algebra	3
Total Semester Hours	16

Semester 4	Hours
POLS 2306: Texas Government	3
WRIT 3315: Technical Writing	3
MATH 2320: Ordinary Differential Equations	3
MENG 2361: Intro to Mechanical Design	3
MENG 2302: Engineering Mechanics II (Dynamics)	3
MENG 2334: Thermodynamics I	3
Total Semester Hours	18

Total: 68 Credit hours