

Pre-Engineering Program – Electrical 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
MATH 2305: Discrete Math	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
CENG 3312/3112: Digital Circuits w/ Lab	4
CSCI 1370: Software Development with Java or CSCI 1320: C Programming	3
Total Semester Hours	17

Semester 4	Hours
POLS 2306: Texas Government	3
WRIT 3315: Technical Writing	3
MATH 2320: Ordinary Differential Equations	3
CENG 3313/3113: Linear Circuits W/ Lab	4
MATH 2318: Linear Algebra	3
Total Semester Hours	16

Total: 67 Credit hours