

**Pre-Engineering Program – Civil 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
<b>Total Semester Hours</b>	<b>17</b>

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
<b>Total Semester Hours</b>	<b>17</b>

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
CSCI 1370: Software Development with Java or CSCI 1320: C Programming	3
<b>Total Semester Hours</b>	<b>16</b>

Semester 4	Hours
POLS 2306: Texas Government	3
WRIT 3315: Technical Writing	3
MATH 2320: Ordinary Differential Equations	3
HIST 1302: United States History II	3
MENG 2302: Engineering Mechanics II (Dynamics)	3
<b>Total Semester Hours</b>	<b>15</b>

**Total: 65 Credit hours**