



**Associate of Science in Engineering  
Dual Enrollment Engineering Academy Degree Plan 2018-2020**

<b>South Texas College</b>	
<b>Summer Session I &amp; II</b>	<b>Credit hrs.</b>
MATH 1414 College Algebra	4
MATH 2412 – Pre-Calculus & Trigonometry	4
ENGR 1201 Introduction to Engineering (SSII)	<u>2</u>
<b>Total</b>	<b>10</b>
<b>(Fall 1<sup>st</sup> Year) Semester I</b>	
MATH 2413 Calculus I	4
HIST 1301 United States History I	3
ENGL 1301 Composition	3
ENGR 1304 Engineering Graphics I	<u>3</u>
<b>Total</b>	<b>13</b>
<b>(Spring 1<sup>st</sup> Year) Semester II</b>	
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>
<b>Total</b>	<b>14</b>
<b>Summer Session I &amp; II</b>	
PHIL 2306 – Intro to Ethics	3
PHYS 2425 University Physics I (SSII)	4
MUSI 1306 Music Appreciation	<u>3</u>
<b>Total</b>	<b>10</b>
<b>(Fall 2<sup>nd</sup> Year) Semester III</b>	
MATH 2415- Calculus III	4
GOVT 2305 Federal Government	3
ENGR 2301 Statics	3
PHYS 2426 University Physics II	<u>4</u>
<b>Total</b>	<b>14</b>
<b>(Spring 2<sup>nd</sup> Year) Semester IV</b>	
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>
<b>Total</b>	<b>13</b>
<b>Total STC Credits</b>	<b>74</b>