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# *Associate of Science in Electrical Engineering*

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## Year 1

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 1201 Intro to Engineering	2	PHYS 2425 University Physics I	4
MATH 2413 Calculus I	4	MATH 2414 Calculus II	4
CHEM 1409 Chemistry for Engineers or CHEM 1411 General Chemistry I	4	ENGR 2304 Engr Programming	3
ENGR 2406 Digital Systems & Lab	4	Texas Core Curriculum 1	3
		Texas Core Curriculum 2	3
<b>Totals:</b>	<b>14</b>	<b>Totals:</b>	<b>17</b>

## Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 2308 Engineering Economics	3	ENGR 2305 & 2105 Circuits	4
PHYS 2426 University Physics II	4	COSC 1320 C Programming	3
MATH 2305 Discrete Math	3	MATH 2320 Differential Equations	3
MATH 2318 Linear Algebra	3	MATH 2415 Calculus III	4
Texas Core Curriculum 3	2		
<b>Totals:</b>	<b>15</b>	<b>Totals:</b>	<b>14</b>

### Some recommended core courses for engineering students:

- ENGL 1301 – Freshman Composition I
- GOVT 2305 – National Government
- GOVT 2306 – Texas Government
- HIST 1301 – History Of US To 1877
- HIST 1302 – History Of US From 1877

**Total Degree Hours: 60**