

SUGGESTED FOUR-YEAR SCHEDULE: 2021-22
B. S. in Electrical Engineering



COLLEGE OF
**Science and
 Engineering**
 A&M-COMMERCE

First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*Component Area	3
*MATH 2413, Calculus I	4
*PHYS 2425, University Physics I	4
ENGR 110, Introduction to Engineering	3
Total Hours	17

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*HIST 1301, US History to 1877	3
MATH 2414, Calculus II	4
PHYS 2426, University Physics II	4
ENGR 113, Product Design & Development	3
Total Hours	17

Second Year Fall Semester

*HIST 1302, US History from 1865	3
COSC 1436, Intro to Comp Sci & Prog	4
MATH 2320, Differential Equations	3
EE 210, Digital Circuits	3
ENGR 2304, Computing for Engineers	3
Total Hours	16

Second Year Spring Semester

*PSCI 2305, US Government & Politics	3
*ECO 2302, Principles of Micro Economics	3
MATH 2318, Linear Algebra	3
EE 220, Circuit Theory	3
ENGR 213, Engineering Statistics	3
ENGR 2308, Engineering Economic Analysis	3
Total Hours	18

Third Year Fall Semester

*PSCI 2306, TX Government & Politics	3
*CHEM 1311, Gen & Quant Chemistry I	3
*CHEM 1111, Gen & Quant Chemistry I Lab	1
MATH 2415, Calculus III	4
EE 309, Circuit Theory II	3
EE 320, Electronics I	3
Total Hours	17

Third Year Spring Semester

*Language, Philosophy, & Culture	3
EE 310, Digital Sys/Embedded Cntl	3
EE 321, Electronics II	3
EE 330, Continuous Signals & Systems	3
EE 340, Electromagnetics	3
Total Hours	15

Fourth Year Fall Semester

*Creative Arts	3
EE 440, Power	3
EE 470, Capstone Design/Internship I	3
Technical Elective in EE or PHYS	3
Total Hours	12

Fourth Year Spring Semester

EE 433, Digital Signal Processing	3
EE 435, Control Systems	3
EE 471, Capstone Design/Internship II	3
Technical Elective in EE or PHYS	3
Technical Elective in EE or PHYS	3
Total Hours	15

Degree Total ##

* This course should be used to satisfy the Core Curriculum Requirements