

SUGGESTED FOUR-YEAR SCHEDULE: 2021-22

B. S. in Construction Engineering



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

First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*CHEM 1311, Gen & Quant Chemistry I	3
*CHEM 1111, Gen & Quant Chemistry II	1
*MATH 2413, Calculus I	4
ENGR 110, Introduction to Engineering	3
ENGR 1304, Computer-Aided Design	3
Total Hours	17

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*HIST 1301, US History to 1877	3
*Component Area	3
MATH 2414, Calculus II	4
*PHYS 2425, University Physics I	4
Total Hours	17

Second Year Fall Semester

*HIST 1302, US History from 1865	3
MATH 2415, Calculus III	4
PHYS 2426, University Physics II	4
ENGR 2303, Engineering Mechanics	3
ENGR 2304, Computing for Engineers	3
Total Hours	17

Second Year Spring Semester

*PSCI 2305, US Government & Politics	3
*ECO 2302, Principles of Micro Economic	3
CONE 221, Building Construction	3
ENGR 213, Engineering Statistics	3
ENGR 2308, Engineering Economic Anal	3
Total Hours	15

Third Year Fall Semester

*PSCI 2306, TX Government & Politics	3
*Literature, Philosophy, & Culture	3
MATH 2320, Differential Equations	3
CONE 321, Construction Estimating	3
CONE 331, Mechanics of Materials	3
Total Hours	15

Third Year Spring Semester

MATH 2318, Linear Algebra	3
CONE 322, CONE Planning & Scheduling	3
CONE 332, Structural Analysis & Design	3
CONE 341, ENGR Hydrology & Hydraulic	3
CONE 351, Surveying for Construction	3
Total Hours	15

Fourth Year Fall Semester

CONE 413, Design & Construction of Ste	3
CONE 414, Design & CONE of Concrete	3
CONE 441, Highway & Heavy Constructi	3
CONE 470, Prep for CONE Engr Capsto	3
ENGR 411, Engineering Management	3
Total Hours	15

Fourth Year Spring Semester

*Creative Arts	3
CONE 423, Contracts & Specifications	3
CONE 424, CONE Acct & Financial MGT	3
CONE 432, Design & Construction of Fou	3
CONE 471, CONE Engineering Capstone	3
Total Hours	15

Degree Total ##

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