

BS in Construction Engineering 4 Year Plan (2019-2020)

Name: _____
CWID: _____

Fall Semester

| | | |
|---|---|-------|
| Engr 1301 College Reading & Writing | 3 | _____ |
| Engr 110 Introduction to Engineering | 3 | _____ |
| Engr 111 Computer-Aided Design | 3 | _____ |
| Math 2413 Calculus I | 4 | _____ |
| Chem 1311&1111 Gen & Quantitative Chemistry | 4 | _____ |

Semester Total 17

| | | |
|-----------------------------------|---|-------|
| Engr 2303 Engineering Mechanics | 3 | _____ |
| Engr 2304 Computing for Engineers | 3 | _____ |
| Math 2415 Calculus III | 4 | _____ |
| Phys 2426 University Physics II | 4 | _____ |
| Hist 1302 US History from 1865 | 3 | _____ |

Semester Total 17

| | | |
|---------------------------------------|---|-------|
| Math 2320 Differential Equations | 3 | _____ |
| ConE 331 Mechanics of Materials | 3 | _____ |
| ConE 321 Construction Estimating | 3 | _____ |
| Psci 2306 US & Tx Gov Inst & Policies | 3 | _____ |
| Elective: Humanities | 3 | _____ |

Semester Total 15

| | | |
|---------------------------------------|---|-------|
| ConE 413 Design & Const of Steel | 3 | _____ |
| ConE 414 Design & Const of Concrete | 3 | _____ |
| Engr 411 Engr. Management | 3 | _____ |
| ConE 441 Highway & Heavy Construction | 3 | _____ |
| ConE 470 Prep for Capstone project | 3 | _____ |

Semester Total 15

Spring Semester

| | | |
|--------------------------------------|---|-------|
| Eng 1302 Written Argument & Research | 3 | _____ |
| Hist 1301 US History to 1877 | 3 | _____ |
| Component Area Option (See catalog) | 3 | _____ |
| Math 2414 Calculus II | 4 | _____ |
| Phys 2425 University Physics I | 4 | _____ |

Semester Total 17

| | | |
|---|---|-------|
| Psci 2305 Principles of US & Tx Gov | 3 | _____ |
| Engr 2308 Engineering Economic Analysis | 3 | _____ |
| Engr 213 Engineering Prob & Statistics | 3 | _____ |
| ConE 221 Building Construction | 3 | _____ |
| Econ 2302 Principles of Micro Econ | 3 | _____ |

Semester Total 15

| | | |
|--------------------------------------|---|-------|
| ConE 351 Surveying for Construction | 3 | _____ |
| ConE 332 Structural Analysis | 3 | _____ |
| ConE 341 Engr Hydrology & Hydraulics | 3 | _____ |
| ConE 322 Const Planning & Scheduling | 3 | _____ |
| Math 2318 Linear Algebra | 3 | _____ |

Semester Total 15

| | | |
|---|---|-------|
| ConE 423 Contracts & Specifications | 3 | _____ |
| ConE 424 Const Accounting & Financial Managem | 3 | _____ |
| ConE 432 Design & Const of Foundations | 3 | _____ |
| ConE 471 Capstone Project | 3 | _____ |
| Elective: Visula/Performance Arts | 3 | _____ |

Semester Total 15

Program Total: 126 credit hours