



**COLLEGE OF TECHNOLOGY**  
**Bachelor of Science, Construction Management**  
 Four-Year Academic Map 2016-2017

| <b>YEAR 1</b> | Semester 1 Fall           |  |   | Semester 2 Spring         |  |   | Total |    |
|---------------|---------------------------|--|---|---------------------------|--|---|-------|----|
|               | ENGL 1303                 | First Year Writing I                         | 3 | ENGL 1304                 | First Year Writing II  | 3 |       |    |
|               | CNST 1330 or<br>CNST 1315 | Graphics I OR<br>Project Drawings & Graphics | 3 | CNST 1301 or<br>CNST 1325 | Construction Materials & Methods or<br>Process & Industrial Construction | 3 |       |    |
|               | CNST 1361                 | Construction Management I                    | 3 | POLS 1336                 | US & Texas Constitutions & Politics                                      | 3 |       |    |
|               | HIST 1377                 | The United States 1877                       | 3 | HIST 1378                 | The United States since 1877   | 3 |       |    |
|               | MATH 1313                 | Finite Math with Apps                        | 3 | MATH 1330                 | Pre-calculus   | 3 |       |    |
|               | Semester Hours            |  |   | 15                        | Semester Hours   |   | 15    | 30 |

| <b>YEAR 2</b> | Semester 1 Fall           |   |   | Semester 2 Spring         |  |   | Total |    |
|---------------|---------------------------|---|---|---------------------------|--|---|-------|----|
|               | POLS 1337                 | US Government   | 3 | COMM 1332                 | Fundamentals of Public Speaking                                      | 3 |       |    |
|               | CORE                      | Creative Arts   | 3 | MATH 2311                 | Introduction to Probability & Statistics                             | 3 |       |    |
|               | CNST 2321 or<br>CNST 2325 | Mechanical & Electrical Systems or<br>Process & Industrial Subsystems | 3 | CNST 2341 or<br>CNST 2345 | Construction Documents or Contract<br>Documents for Capital Projects | 3 |       |    |
|               | MATH 1431                 | Calculus I  | 4 | CNST 2351                 | Construction Estimating I  | 3 |       |    |
|               | PHYS 1301/1101            | Intro Gen Physics I and Lab   | 4 | PHYS 1302/1102            | Intro Gen Physics II & Lab   | 4 |       |    |
|               | Semester Hours            |   |   | 17                        | Semester Hours   |   | 16    | 33 |

| <b>YEAR 3</b> | Semester 1 Fall           |   |   | Semester 2 Spring         |  |                                  | Total |    |
|---------------|---------------------------|---|---|---------------------------|--|----------------------------------|-------|----|
|               | CNST 3301                 | Construction Equip & Methods                                    | 3 | CNST 3331                 | Construction Planning & Scheduling                                 | 3                                |       |    |
|               | ACCT 2331                 | Accounting Principles I –Financial                              | 3 | ACCT 2332                 | Accounting Principles 2- Managerial                                | 3                                |       |    |
|               | CNST 3351 or CNST<br>3365 | Construction Estimating II or Cost<br>Est. for Capital Projects | 3 | CNST 3205 or<br>CNST 3210 | Construction Safety Management or Safety for<br>Industrial Project | 2                                |       |    |
|               | CNST 3185                 | Construction Experience   | 1 | CNST 3372                 | Soil Mechanics and Foundations                                     | 3                                |       |    |
|               | CNST 3355/3155            | Strength of Construction Materials<br>& Lab                     | 4 | Business Elective         | MANA 3335, FINA 3332, MARK 3336, SCM 3301                          | 3                                |       |    |
|               | Semester Hours            |   |   | 14                        | ECON 2304 or<br>ECON 2305  | Microeconomics or Macroeconomics | 3     |    |
|               |                           |   |   |                           | Semester Hours   |                                  | 17    | 31 |

| <b>YEAR 4</b> | Semester 1 Fall           |   |   | Semester 2 Spring         |   |   | Total |     |
|---------------|---------------------------|---|---|---------------------------|---|---|-------|-----|
|               | CNST 4302                 | Construction Law & Ethics   | 3 | CNST 4265                 | Construction Layout & Site Develop                              | 2 |       |     |
|               | CNST 4331 or CNST<br>4335 | Construction Management II or<br>Capital Projects Development               | 3 | CNST 4341 or<br>CNST 4365 | Project Controls or Field Operations for<br>Capital Projects    | 3 |       |     |
|               | CNST 4381 or CNST<br>4345 | Reinforced Concrete & Building<br>Codes or Reinforced Concrete<br>Structure | 3 | CNST 4311 or<br>CNST 4315 | Structural Steel & Timber Construction<br>or Steel Construction | 3 |       |     |
|               | GENB 4350                 | Business Law & Ethics   | 3 | CORE                      | Language, Philosophy & Culture                                  | 3 |       |     |
|               | Business Elective         | MANA 3335, FINA 3332, MARK<br>3336, SCM 3301                                | 3 |                           |   |   |       |     |
|               | Semester Hours            |   |   | 15                        | Semester Hours  |   | 11    | 26  |
|               |                           |   |   |                           |   |   |       | 120 |

Students should meet with their academic advisor to formulate their own plan.