# CLEAR PATH for ADVISING –
## *Engineering Technology Management: Engineering Management, B.S.*

2019-2020

Please see the Courses section of this catalog for complete course descriptions.

| First Year – 29-31 Hours | | | |
|---|---|---|---|
| **Fall Semester:** | **Hrs** | **Spring Semester:** | **Hrs** |
| MATH 1830: *Calculus for Mgmt, Life, & Social Science* or 1950: *Calculus w Analytic Geometry I* (Mathematics) | 3-4 | MGT 1000: *Computers in Business* or CPSC 1000: *Intro to Computing* | 3 |
| ETEM 1000: *ETM Seminar I* | 1 | Fine Arts and Humanities** | 3 |
| ETEM 1320: *Intro to Materials for Construction & Tech* | 3 | Non-Western Culture | 3 |
| Natural Science without Lab | 3 | Natural Science with Lab | 4 |
| ENGL 1010 or 1011 (Rhetoric and Writing I) | 3-4 | ENGL 1020 (Rhetoric and Writing II) | 3 |
| | 13-15 | | 16 |
| **Second Year – 30 Hours** | | | |
| **Fall Semester:** | **Hrs** | **Spring Semester:** | **Hrs** |
| ECON 1010: *Principles of Economics: Macroeconomics* (Behavioral and Social Science) | 3 | ECON 1020: *Principles of Economics: Microeconomics* (Behavioral and Social Science) | 3 |
| ACC 2010: *Principles of Accounting I* | 3 | ACC 2020: *Principles of Accounting II* | 3 |
| MGT 2130: *Stats for Business,* ENCE 2220: *Probability & Stats for Engr,* or MATH 2100: *Introductory Stats* (Stats) | 3 | ENGL 2810: *Technical Writing,* 2820: *Scientific Writing,* or 2880: *Professional Writing* | 3 |
| ETCM 1100: *Blueprint Reading & Sketching* | 3 | Technical Elective | 3 |
| Technical Elective | 3 | Fine Arts and Humanities** | 3 |
| | 15 | | 15 |
| **Third Year – 36 Hours** | | | |
| **Fall Semester:** | **Hrs** | **Spring Semester:** | **Hrs** |
| ETEM 3550: *Project Management & Practice* | 3 | ETEM 3580: *Material Management* | 3 |
| BUS 3350: *Legal Environment of Business* | 3 | ETEM 3870: *Intro to Logistics Management* | 3 |
| ETCM 3090: *Architectural CAD* | 3 | ETCM 3150: *Building Information Modeling (BIM)* | 3 |
| MGT 3150: *Management Concepts, Theory & Practice* | 3 | ETEM 4050: *Engineering Management Principles* | 3 |
| ENCE 3520: *Engineering Economy* | 3 | Technical Elective | 3 |
| Technical Elective | 3 | Technical Elective | 3 |
| | 18 | | 18 |
| **Fourth Year – 30-32 Hours** | | | |
| **Fall Semester:** | **Hrs** | **Spring Semester:** | **Hrs** |
| ETEM 4560: *Quality Improvement* | 3 | ETEM 4500: *Engineering Management Design* | 3 |
| ETEM 4590: *Facilities Management* | 3 | ETEM 4540: *Value Management* | 3 |
| ETEM 4960r: *ETM Internship* | 3 | Technical Elective | 3 |
| Technical Elective | 3 | Technical Elective | 3 |
| Technical Elective | 3 | Technical Elective | 3-4 |
| Elective | 0-1 | | |
| | 15-16 | | 15-16 |

*Fine Arts and Humanities: 6 hours must be taken so that two different categories in FAH: Historical Understanding; Literature; Thought, Values & Beliefs; or Visual & Performing Arts are satisfied.

| Completed: | | | |
|---|---|---|---|
| **Graduation Requirements:** | **Hrs** | **Degree Requirements:** | **Hrs** |
| 127 Total Hours | | 22-23 General Education Hours | |
| 39 Upper Division (3000-4000) Hours | | 103-104 Program (Major) Hours | |
| 32 Hours at UTC | | Minor *(Not Required)* | |
| 60 Hours at 4-year Institution | | 0-1 Elective Hours | |
| | | Foreign Language *(Not Required)* | |