

**CURRICULUM LEADING TO THE DEGREE
OF BACHELOR OF SCIENCE IN
CIVIL ENGINEERING TECHNOLOGY
(131 Credits)**

FRESHMAN

| First Semester | Credits | Second Semester | Credits |
|--|----------------|--|----------------|
| E 150 English Composition I (NP) | 3 | E 151 English Composition II (PR: E 150) | 3 |
| M 152 Pre-calculus (NP) | 3 | M 153 Calculus I (PR: M 152) | 3 |
| ET 150 Basic CAD (NP) | 3 | CET 205 Computer Aided Design (PR: ET 150) | 3 |
| PE 150 / MS 101 <i>or</i> HED 151 (NP) | 2 | C 150 General Chemistry (NP) | 3 |
| ET 170 Intro. To Engineering Technology (NP) | 3 | C 151 General Chemistry Lab (CR: C 150) | 1 |
| UNIV 101 Intro. Univ. Community (NP) | 2 | CS 150 Computer Science (NP) | 3 |
| | 16 | | 16 |

SOPHOMORE

| First Semester | Credits | Second Semester | Credits |
|---|----------------|--|----------------|
| M 250 Linear Algebra (PR: M 153 <i>or</i> M 158) | 3 | P 255 General Physics II (PR: P 254) | 3 |
| M 163 Calculus II (PR: M 153) | 3 | P 253 General Physics II Lab (CR: P 255) | 1 |
| P 254 General Physics I (CR: M 153 <i>or</i> M 158) | 3 | ET 250 Tech. Communications (PR: E 151) | 3 |
| P 251 General Physics I Lab (CR: P 254) | 1 | E 250 <i>or</i> E 251 World Literature (PR: E 151 & Passing English Proficiency Exam) | 3 |
| ET 255 Engineering Economics (PR: M 152) | 3 | ET 213 Strength of Materials (PR: ET 212) | 3 |
| ET 212 Statics (PR: M 152) | 3 | A 250 / MU 250 <i>or</i> Drama 254 (NP) | 3 |
| | 16 | | 16 |

JUNIOR

| First Semester | Credits | Second Semester | Credits |
|---|----------------|--|----------------|
| SOC 250 <i>or</i> PSY 250 (NP) | 3 | EET 230 Circuit Analysis (PR: M 153) | 3 |
| ET 310 Engineering Computing (PR: CS 150) | 3 | ETS 250 African American History (NP) | 3 |
| H 250 History (NP) | 3 | ET 313 Dynamics (PR: ET 212) | 3 |
| CET 319 Theory of Structures (PR: ET 213 & M 153) ... | 3 | CET 320 Hwy. Engineering (CR: CET 312) | 3 |
| CET 311 Plane Surveying (PR: M 152) | 3 | CET 315 Construction (PR: Junior Standing) | 3 |
| ET 421 Thermodynamics (PR: M 163 & P 251 & P 254) 3 | 3 | CET 312 Route Surveying (PR: CET 311) | 3 |
| | 18 | | 18 |

SENIOR

| First Semester | Credits | Second Semester | Credits |
|---|----------------|---|----------------|
| CET 413 Structural Design I (PR: CET 319) | 3 | CET 414 Structural Design II (PR: CET 319) | 3 |
| CET 417 Material Testing Lab. (PR: ET 213) | 3 | CET 412 Codes & Regulations (PR: Senior Standing) 3 | 3 |
| CET 418 Soil Mechanics (PR: ET 213) | 3 | CET 420 Water & Sewage (CR: C 150 & CET 415) ... | 3 |
| CET 415 Fluid Mechanics (PR: ET 313) | 3 | CET 460 Senior Project (PR: CET 459) | 3 |
| CET 459 Senior Proj. Proposal (PR: Senior Standing) 1 | 1 | Elective | 3 |
| Restricted Elective (Select One) 3 | 3 | | |
| EAET 410 Engineering Ethics <i>or</i> | | | |
| EAET 411 Role of Engineers | 16 | | 15 |

University/Departmental Policy requires that all students must pass the English Proficiency Examination.

Abbreviations: NP-No Prerequisites, PR-Prerequisite, CR-Co-requisite

Acceptable Minimum Passing Grades: "C" for all CET, ET and EAET courses; "C" for E150 and E151, "D" for Math courses, Computer Science, Chemistry, Physics, English Literature, Art/Drama/Music, Sociology and Psychology courses.