

**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: E150).....	3
M 152 Pre-calculus (NP).....	3	M 153 Calculus I (PR: M152).....	3
ET 150 Basic CAD (NP).....	3	CET 205 Computer Aided Design (PR: ET 150).....	3
PE 150 / MS 101 or HED 151 (NP).....	2	C 150 General Chemistry (NP).....	3
ET 170 Intro. To Engineering Technology (NP).....	3	C 151 General Chemistry Lab (CR: C150).....	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: M153 or M158).....	3	P 255 General Physics II (PR: P254).....	3
M 163 Calculus II (PR: M153 or M158).....	3	P 253 General Physics II Lab (CR: P255)	1
P 254 General Physics I (PR: M15 or M158).....	3	ET 250 Tech. Communications (PR: E151).....	3
P 251 General Physics I Lab (CR: P254)	1	E 250 or E 251 World Literature (PR: E151).....	3
ET 255 Engineering Economics (M152).....	3	ET 213 Strength of Materials (ET 212).....	3
ET 212 Statics (PR: M152).....	3	A 250 / MU 250 or Drama 254 (NP).....	3
	16		16

JUNIOR

First Semester	Credits	Second Semester	Credits
SOC 250 or PSY 250 (NP).....	3	EET 230 Circuit Analysis (PR: M153 or M158).....	3
ET 310 Engineering Computing (PR:CS 150)	3	ETS African American History (NP)	3
H 250 History (NP).....	3	ET 313 Dynamics (PR: ET 212).....	3
CET 319 Theory of Structures (ET213/M153 or M158)	3	CET 320 Hwy. Engineering (CR:CET 312).....	3
CET 311 Plane Surveying (PR: M152)	3	CET 315 Construction (PR: Junior Standing).....	3
ET 421 Thermodynamics (PR: M163 or M168/ P251/P254)	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
CET 418 Soil Mechanics (PR: ET 213).....	3	CET 420 Water & Sewage (CR: C150/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	Elective	3
Restricted Elective (Select One)	3		
EAET 410 Engineering Ethics or			
EAET 411 Role of Engineers (PR: Senior Standing)	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.