

**CURRICULUM LEADING TO THE DEGREE
OF BACHELOR OF SCIENCE IN
INDUSTRIAL ENGINEERING TECHNOLOGY
(128 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 |
| PE 150/HED 151/MS 101 (NP)..... | 2 | ET 150 Mechanical Draw. & Basic CAD (NP)..... | 3 |
| CS 150 Computer Technology (NP)..... | 3 | C 150 General Chemistry I (NP)..... | 3 |
| ET 170 Intro. to Engineering Technology (NP)..... | 3 | C 151 General Chemistry I Lab (CR: C150)..... | 1 |
| UNIV 101 Intro. Univ. Community (NP)..... | 2 | H 250 or H 251 History World Civil. (NP)..... | 3 |
| | 16 | | 16 |

SOPHOMORE

| First Semester | Credits | Second Semester | Credits |
|--|----------------|---|----------------|
| M 250 Linear Algeb. for Sc. and Engg. (PR: M153)..... | 3 | ARTS 250/MU 250/D 254 (NP)..... | 3 |
| P 254/P250 General Physics I (PR: M153 or M158/M152)..... | 3 | P 255/P 252 General Physics II (PR: P254/P250)..... | 3 |
| P 251 General Physics I Lab (CR: P254/P250)..... | 1 | P 253 General Physics II Lab (CR:P255/P252)..... | 1 |
| M 163 Calculus II (PR: M153/M158).. | 3 | SOC 250/PSY 250 (NP)..... | 3 |
| ET 212 Statics (PR: M152)..... | 3 | E 250 or E 251 World Literature (PR: E151)..... | 3 |
| MET 221 Machine Tool Lab (NP)..... | 3 | IET 252 Industrial Statistics I (PR: M153)..... | 3 |
| | 16 | | 16 |

JUNIOR

| First Semester | Credits | Second Semester | Credits |
|--|----------------|--|----------------|
| ETS 250 African Amer. in Tech. & Sc. (NP)..... | 3 | ET 250 Technical Communication (PR: E151) | 3 |
| ET 255 Engg. Econ. Analysis (PR: M152)..... | 3 | IET 350 Industrial Safety Engineering (NP)..... | 3 |
| ET 310 Engineering Computing (PR: CS150) | 3 | IET 354 Motion and Time Study (PR: IET 252) | 3 |
| IET 352 Industrial Statistics II (PR: IET252) | 3 | IE 355 Simul. Model. of Ind. Syst. (PR: M163, PR: CS150)..... | 3 |
| IE 353 Intro. to Mfg. Syst. Engg. (PR: M153/M158)... | 3 | IE 356 Plant Lay. and Mat. Handl. (PR: IET 252) | 3 |
| IET 357 Ind. Oper. Research I (PR: M163/M168)..... | 3 | ET 421 Thermodynamics (PR: M163/M168)..... | 3 |
| | 18 | | 18 |

SENIOR

| First Semester | Credits | Second Semester | Credits |
|---|----------------|---|----------------|
| IET 450 Proj. Plan. and Control (PR: IET252)..... | 3 | IE 460 Technical Project (PR: IET459)..... | 3 |
| MET 427 NC Machinery (PR: MET221)..... | 3 | IE 452 Statistical Quality Control (PR: IET252)..... | 3 |
| IET 458 Human Factors Tech. (PR: IET252)..... | 3 | IE 456 Product. and Invent. Control (PR: IET252)..... | 3 |
| IE 459 Technical Project Proposal (Senior Standing)..... | 1 | Elective..... | 3 |
| EAET 410 Engr. Ethics (Restricted Elective) | 3 | | |
| Elective..... | 3 | | |
| | 16 | | 12 |

Must pass English Proficiency Exam

Abbreviations: NP- No prerequisite, PR- Pre-requisite and CR- Co-requisite

Passing grades: C for all IET courses, C for all ET and EAET courses, D for all math courses, D for CS150, D for all chemistry and all physics courses, C for E150 and E151, D for E250, E 251, D for H 250 and H 251, D for ARTS250, MU250, D254, SOC250, and PSY250