Industrial Management & Technology: Electronics Technology Course Sequence
Undergraduate Catalog - 2019/2020
Total undergraduate credits: 120

Freshman (Fall)
- ENGL 103 - Rhetoric & Composition I (F,S)
- MATH 155 - Trigonometry (F,S)
- PHYS 105 - Physics (F,S)
- PHYS 151 - Physics Lab (F,S)
- COMS 100 - Fundamentals of Oral Communications (F,S)
- Gen. Ed. 1 (Creativity/Critical Analysis) Class:

Freshman (Spring)
- TECH 211 - CAD/Computer-Aided Modeling (F,S)
- ENGL 203 - Rhetoric & Composition II (F,S)
- CHEM 110 - General Chemistry I (F,S)
- TECH 175 - Electricity and Electrical Fundamentals (F,S) T175A Lab

Sophomore (Fall)
- TECH 265 - Basic Manufacturing Processes (F,S) PRQ: MATH 155 w/C
- TECH 277 - Digital Logic Design (F) T277A Lab
- TECH 434 - Human Factors in Accident Prevention (F,S)
- STAT 100 - Basic Stats or STAT 200 - Elementary Stats (F,S)
- Gen. Ed. 2 (Society/Culture) Class:

Sophomore (Spring)
- TECH 404 - Supervision in Industry (S) PRO: STAT 100
- TECH 492 - Manufacturing Distribution Applications (S)
- ACCY 288 - Fund of Acctg or ACCY 206 - Intro Financial Acctg (F,S)
- ENGL 308 - Tech Writing or MGMT 346 - Business Communication
- TECH 295 Manuf. Comp. Apps. or CSCI 215 or 240 (F,S)

Junior (Fall)
- TECH 391 - Industrial Quality Control (F,S) PRQ: MATH 155, STAT 100 or 200
- TECH 429 - Plant Location, Layout, and Materials Handling (F)
- TECH 325 - Programmable Electronic Controllers (F)
- Gen. Ed. 4 (Society/Culture) Class:
- Gen. Ed. 5 (Any Knowledge Domain) Class:

Junior (Spring)
- TECH 377 - Microprocessors and Interfacing (S)
- TECH 415 - Applied Industrial Experimental Analysis (S)
- TECH 425 - Adv Programmable Electronic Controllers (S)
- GEN 308 - Tech Writing or MGMT 346 - Business Comms (F,S)
- MGMT 346 PRO: COMS 100, ENG 203 or 204, Jr Status

Senior (Fall)
- TECH 406 - Facilities Management Technology (F) PRQ: MATH 155, T211
- Ind Mgmt & Tech Elective 1 Class:
- General Elective 1 Class:
- Tech Elective 1 Class:

Senior (Spring)
- TECH 496 - Industrial Project Management (F,S) PRQ: T429, T415, MGMT 346 or ENGL 308, Senior Status 90 hrs
- Ind Mgmt & Tech Elective 2 Class:
- Tech Elective 2 Class:
- General Elective 2 Class:

Industrial Management and Technology Electives (Choose 2)
- TECH 305 - Green Technologies (F,S)
- TECH 411 - Env. Sust. Practices for Ind Ops (F)
- TECH 443 - Engineering Economy (S)
- TECH 444 - Production Control Systems (S)
- TECH 484 - Energy Management (F)
- TECH 473 - Advanced Digital Design

Electrical Electives (choose two):
- TECH 398 - Industrial Problems in Technology (3 hrs) PRQ: Department Consent
- TECH 409 - Internship
- TECH 430 - Microcontrollers Systems and Internet of Things (F)
- TECH 479 - Special Topics in Engineering Technology

Refer to current catalog for updated pre-reqs

Human Diversity Requirement
Satisfied with: