

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

Name: _____
 Z-ID: _____
 Advisor: _____

Freshman (Fall)	
<input type="checkbox"/>	ENGL 103 - Rhetoric & Composition I (F,S)
<input type="checkbox"/>	MATH 155 - Trigonometry (F,S) PRQ: MATH 110 w/C
<input type="checkbox"/>	CHEM 110 - General Chemistry I (F,S)
<input type="checkbox"/>	CHEM 111 - General Chemistry I Lab (F,S)
<input type="checkbox"/>	COMS 100 - Fund of Oral Communications (F,S)
<input type="checkbox"/>	Gen. Ed. 1 (Creativity/Critical Analysis) Class: _____

Freshman (Spring)	
<input type="checkbox"/>	TECH 211 - CAD/Computer-Aided Modeling (F,S)
<input type="checkbox"/>	ENGL 203 - Rhetoric & Composition II (F,S) PRQ: ENG 103 w/C
<input type="checkbox"/>	PHYS 150 - Physics (F,S)
<input type="checkbox"/>	PHYS 151 - Physics Lab (F,S)
<input type="checkbox"/>	Gen. Ed. 2 (Creativity/Critical Analysis) Class: _____
<input type="checkbox"/>	Gen. Ed. 3 (Society/Culture) Class: _____

Sophomore (Fall)	
<input type="checkbox"/>	TECH 175/A - Electricity and Electrical Fund. (F,S) PRQ: MATH 155 w/C, PHYS 150&151 or 210 CRQ: T175A
<input type="checkbox"/>	TECH 175A - Electricity and Electrical Fund Lab (F,S) CRQ: T175A
<input type="checkbox"/>	TECH 265 - Basic Manufacturing Processes (F,S) PRQ: MATH 155 w/C
<input type="checkbox"/>	TECH 231 - Safety Programs (F)
<input type="checkbox"/>	STAT 100 - Basic Stats or STAT 200 - Elementary Stats (F,S)
<input type="checkbox"/>	Gen. Ed. 4 (Society/Culture) Class: _____

Sophomore (Spring)	
<input type="checkbox"/>	TECH 404 - Supervision in Industry (F,S) PRQ: STAT 100
<input type="checkbox"/>	ACCY 288 - Fund of Acctg or ACCY 206 - Intro Financial Acctg (F,S)
<input type="checkbox"/>	TECH 245 - Pollution Prevention and Sustainable Production (S)
<input type="checkbox"/>	TECH 434 - Human Factors in Accident Prevention (F,S)
<input type="checkbox"/>	TECH 492 - Manufacturing Distribution Applications (F) PRQ: MATH 155, STAT 100, TECH 265

Junior (Fall)	
<input type="checkbox"/>	TECH 391 - Industrial Quality Control (F,S) PRQ: MATH 155, STAT 100 or 200
<input type="checkbox"/>	TECH 406 - Facilities Management Technology (F) PRQ: MATH 155, T211
<input type="checkbox"/>	TECH 429 - Plant location, Layout, and Materials Handling (F) PRQ: MATH 155, T265
<input type="checkbox"/>	EHS Elective 1 Class: _____
<input type="checkbox"/>	Gen. Ed. 5 (Any Knowledge Domain) Class: _____

Junior (Spring)	
<input type="checkbox"/>	TECH 415 - Applied Industrial Experimental Analysis (S) PRQ: MATH 155, STAT 100
<input type="checkbox"/>	TECH 436 - Des & Admin of Ind Safety Systems (S) PRQ: T231, T434
<input type="checkbox"/>	ENGL 308 - Tech Writing or MGMT 346 - Business Comms (F,S) MGMT 346 PRQ: COMS 100, ENGL 203 or 204, Jr.Standing
<input type="checkbox"/>	Ind Mgmt & Tech Elective 1 Class: _____
<input type="checkbox"/>	EHS Elective 2 Class: _____

Senior (Fall)	
<input type="checkbox"/>	TECH 441 - Hazard Control in Industrial Operations (F) PRQ: MATH 155 w/C, PHYS 150/151, T231, T245
<input type="checkbox"/>	TECH 437 - Fundamentals of Industrial Hygiene (F) PRQ: CHEM 110/111, PHYS 150/151, T231, T415
<input type="checkbox"/>	Ind Mgmt & Tech Elective 2 Class: _____
<input type="checkbox"/>	Tech Elective 1 Class: _____

Senior (Spring)	
<input type="checkbox"/>	TECH 496 - Industrial Project Management (F,S) PRQ: T429, T415, MGMT 346 or ENGL 308, Senior Status 90 hrs
<input type="checkbox"/>	Tech Elective 2 Class: _____
<input type="checkbox"/>	General Elective 1 Class: _____
<input type="checkbox"/>	General Elective 2 Class: _____
<input type="checkbox"/>	TECH 481 - Ergonomics (S) PRQ: T434, MATH 155 w/C, PHYS 150/151 or 210

Industrial Management and Technology Electives (Choose 2)		
TECH 305 - Green Technologies (F,S) PRQ: MATH 155, CHEM 110	TECH 411 - Env. Sust. Practices for Ind Ops (F) PRQ: MATH 155 with C or better, T245 or T305	TECH 443 - Engineering Economy (S) PRQ: MATH 155
TECH 402 - Ind. Training and Evaluation	TECH 419 - Energy Auditing (S) PRQ: MATH 155 w/C	TECH 444 - Production Control Systems (S) PRQ: MATH 155, T265
TECH 407 - Maintenance Management Tech PRQ: Either STAT 100 or 200, T265	TECH 442 - Work Simp. and Measurement (F) PRQ: MATH 155, T265	TECH 484 - Energy Management (F) PRQ: MATH 155

Environmental Health and Safety Electives (choose two):	
TECH 409 - Internship PRQ: Jr. Standing, Department Consent	TECH 438 - Safety in Transportation Systems (S) PRQ: CHEM 110 & 111, MATH 155 w/C, T231, T245
TECH 432 - Disaster Preparedness/online (F,S)	TECH 468 - Construction Safety Management (S) PRQ: MATH 155 w/C, PHYS 150/151 or 210, T231
TECH 433 - Chemical Hazards in Industry (F) PRQ: CHEM 110 & 111, MATH 155 w/C, T231 or T245	TECH 485 - Risk Management PRQ: MATH 155 w/C, Phys 150 & 151, T231, T245, T434
TECH 435 - Legal Aspects of Safety	

Refer to current catalog for updated pre-reqs

Human Diversity Requirement Satisfied with: _____
