

Note: Semester offering and prerequisites may change, the current bulletin and schedule should be consulted

Legend - **p** - prerequisite **c**-corequisite **f** - fall semester **s** - spring semester

<input type="checkbox"/> Eng103 Composition I - (f,s)	<input type="checkbox"/> Chem 110 and 111 Chemistry - (f,s)	<input type="checkbox"/> Math155 -p:Math110 Trigonometry - (f,s) - Note - must have C or better
<input type="checkbox"/> Eng104 -p:eng103 Composition II - (f,s)	<input type="checkbox"/> Stat 208 Statistics - (f,s)	<input type="checkbox"/> Mgmt 346 -p:Engl104, Coms100 Bus Comm - (f,s) or Engl 308 Tech Writing (f,s)
<input type="checkbox"/> Coms100 Communications - (f,s)	<input type="checkbox"/> Phys 150A or (Phys 210 -p: Math 155) Physics - (f,s)	<input type="checkbox"/> Accy 206 or Accy 288 Intro Financial Accy - (f,s) Fund of Accy - (f,s)

Required Technology Courses

<input type="checkbox"/> Tech175 - p:Math155, Phys150A Elect Fund - (f,s)	<input type="checkbox"/> Tech 395 - p:Math155 Ind Data Processing - (f,s) or
<input type="checkbox"/> Tech175a - crq :TECH 175 Elect Fund Lab- (f,s)	<input type="checkbox"/> Csci 205 Intro to Computing - (f,s)
<input type="checkbox"/> Tech 211 CAD - (f,s)	<input type="checkbox"/> Tech 404 Supervision in Ind- (f,s)
<input type="checkbox"/> Tech 265 prq:Math 155 Manuf Procs - (f,s)	<input type="checkbox"/> Tech 429 - p:Math155 Plt Layout & Mats Hndl - (f)
<input type="checkbox"/> Tech 302 - prq: Tech211 Graphic Pres & Comm. (f,s)	<input type="checkbox"/> Tech 434 Hum Fact in Ind Acc Prv - (f,s)
<input type="checkbox"/> Tech 391 - prq: STAT 208 Ind Qual Contr - (f,s)	<input type="checkbox"/> Tech 496 Industrial Project Mgmt - (f,s) prq:Tech265,302,395 senior status

Choose 2 - from this category

<input type="checkbox"/> Tech 402 Ind Training and Eval - (f,s)
<input type="checkbox"/> Tech 442 - p:Math155 Work Simplification - (s)
<input type="checkbox"/> Tech 443 - p:Math155 Engineering Economy(f,s)
<input type="checkbox"/> Tech 444 - p:Tech265, Math155 Production control Systems
<input type="checkbox"/> Tech 484 Energy Management
<input type="checkbox"/> Tech 492 prq:Tech 265, Tech 391 Manufacturing Distribution Applications - (f)

Technology Area of Study - Select one

CAD

<input type="checkbox"/> Tech 262 p:Tech 211 Mach Prod Procs - (f,s)
<input type="checkbox"/> Tech 311 p:Tech211 Comp Modeling - (s)
<input type="checkbox"/> Tech 312 p:Tech211, (260 or 265) Dsn Dim & Tolnce - (s)
<input type="checkbox"/> Tech 313 p:T265 & (311 or 342) Product Design for Manufact - (f)
<input type="checkbox"/> Tech 314 p:Tech211 Tool and Die Dsn - (s)
<input type="checkbox"/> Tech 414 p:T265, T311, Phys150A Comp Mach Dsn - (f)

Choose two of the following

<input type="checkbox"/> Tech 260 p:Tech211 & Math155 Metal Fab Procs - (f)
<input type="checkbox"/> Tech 344 Mats & Procs in Plast- (f)
<input type="checkbox"/> Tech 345 p:Tech344 Plast Molding Proo- (s)
<input type="checkbox"/> Tech 365 p:Math155, Tech211 Metrology - (f)
<input type="checkbox"/> Tech 409 p: Junior standing Internship

Manufacturing

<input type="checkbox"/> Tech 260 p:Tech211 & Math155 Metal Fab Procs - (f)
<input type="checkbox"/> Tech 262 p:Tech 211 Mach Prod Procs - (f,s)
<input type="checkbox"/> Tech 311 p:Tech211 Comp Modeling - (s)
<input type="checkbox"/> Tech 313 p:T265 and (311 or 342) Product Design for Manufact - (f)
<input type="checkbox"/> Tech 365 p:Math155 & Tech211 Metrology - (f)
<input type="checkbox"/> Tech 420 p:T175, 211,265 Comp. Integ Manuf - (f)

Choose two of the following

<input type="checkbox"/> Tech 312 p:Tech211, 260 or 265 Dsn Dim & Tolnce - (s)
<input type="checkbox"/> Tech 344 Mats & Procs in Plast- (f)
<input type="checkbox"/> Tech 345 p:Tech344 Plast Molding Proo- (s)
<input type="checkbox"/> Tech 409 p: Junior standing Internship
<input type="checkbox"/> Tech 427 p:C110, E308, T265 or 344 Test Methods, Procedures, Ind Plastics - (f)
<input type="checkbox"/> Tech 441 p:M155, Phys150A, T231 & 245 Hazard Cont in Ind Ops- (f)

Plastics

<input type="checkbox"/> Tech 262 p:Tech 211 Machine Production Processes- (f,s)
<input type="checkbox"/> Tech 311 p:Tech211 Comp Modeling - (s)
<input type="checkbox"/> Tech 344 Mats & Procs in Plast- (f)
<input type="checkbox"/> Tech 345 p:Tech344 Plast Molding Pro- (s)
<input type="checkbox"/> Tech 393 p:Chem110, Math155 Structure and Properties of Mat's - (f)
<input type="checkbox"/> Tech 427 p:Chem110,Eng308, T265 or 344 Methods in Ind Plast - (f)

Choose two of the following

<input type="checkbox"/> Tech 312 p:Tech211, (260 or 265) Dsn Dim & Tolnce - (s)
<input type="checkbox"/> Tech 313 p:T265 and (311 or 342) Product Design for Manufact - (f)
<input type="checkbox"/> Tech 314 p:Tech211 Tool and Die Dsn - (s)
<input type="checkbox"/> Tech 365 p: Math 155, Tech 211 Metrology - (f)
<input type="checkbox"/> Tech 409 p: Junior standing Internship

Environmental health and Safety

<input type="checkbox"/> Tech 231 Safety Programs - (f)
<input type="checkbox"/> Tech 245 Pollution, Pestilence, Prevention - (s)
<input type="checkbox"/> Tech 432 Disaster Prep - (f,s)
<input type="checkbox"/> Tech 436 p:T231, 245, 434, M155 Dsn and Admin of Ind Sfty Prog- (s)
<input type="checkbox"/> Tech 437 p:T231, 245, 434, M155 Fund of Ind Hyg - (f) Chem 110/111
<input type="checkbox"/> Tech 441 p:M155, Phys150A, T231&245 Hazard Cont in Ind Ops - (f)
<input type="checkbox"/> Tech 481 p:M155,Phy150A,T434 Ergonomics - (f)

Choose one of the following

<input type="checkbox"/> Tech 409 p: Junior standing Internship
<input type="checkbox"/> Tech 431 p:M155, C110, T245, T434 Industrial Ventilation
<input type="checkbox"/> Tech 433 p:Chm110, M155, T434 & 437 Toxicology for Industry - (s)
<input type="checkbox"/> Tech 435 Legal Aspects of Safety
<input type="checkbox"/> Tech 438 Safety in Transportation Sys
<input type="checkbox"/> Tech 440 p:Chm110, Phy150A, T437 Monitoring of Work Env
<input type="checkbox"/> Tech 482 - Ind Safety Eng Anlyp: M155, Phys150A, T231, T245, T434, T441
<input type="checkbox"/> Tech 483 - Applied Ergonomics p: Bios 311, Tech 481
<input type="checkbox"/> Tech 485 - Ind Risk Management p: M155, Phys150A, T231, T245, T434

Electronics Technology

<input type="checkbox"/> Tech 270 p:Math155, TECH175 & 175A ELECT FUND AND CIRCUIT ANAL 1(f)
<input type="checkbox"/> Tech 270A c:TECH270 ELECT FUND AND CIRC ANAL 1 LAB (f)
<input type="checkbox"/> Tech 276 p:TECH270 c:Math229 & T276A ELECTRONICS I (s)
<input type="checkbox"/> Tech 276A c:TECH276 ELECTRONICS I LAB (s)
<input type="checkbox"/> Tech 277 p:TECH175 & 175A c: T277A DIGITAL LOGIC DESIGN (f)
<input type="checkbox"/> Tech 277A c:TECH277 DIGITAL LOGIC DESIGN LAB (f)
<input type="checkbox"/> Tech 295 p: Math155, Tech 265 Manufacturing Computer Applications - (f,s)
<input type="checkbox"/> Tech 377 p:TECH277 & 277A c: T377A MICROPROC AND INTERFACING (s)
<input type="checkbox"/> Tech 377A c: TECH377 MICROPROC AND INTERFACING LAB (s)

Choose two of the following

<input type="checkbox"/> Tech 409 p: Junior standing Internship
<input type="checkbox"/> Tech 425 p:Tech 175 , T265,T295 PROG ELECT CONTROLLERS (f)
<input type="checkbox"/> Tech 430 p:TECH377 & 377A MICRO CONTROLLERS INTERFACING AND APPS
<input type="checkbox"/> Tech 473 p:TECH377 & 377A ADVANCED DIGITAL DESIGN (s)

Special Technical Studies - AAS Degree Completion - (23 Credits)

Electives - 2 courses must be Technology Department courses (Choose 4 courses in total)

<input type="checkbox"/> _____ (3)	<input type="checkbox"/> _____ (3)
<input type="checkbox"/> _____ (3)	<input type="checkbox"/> _____ (3)

General Education Courses - See Tech Department website or Undergraduate Catalog

Humanities and the arts - one must be from VPA

<input type="checkbox"/> _____ (3)
<input type="checkbox"/> _____ (3)
<input type="checkbox"/> (VPA) _____ (3)

Interdisciplinary Studies - 1 course

<input type="checkbox"/> _____ (3)

Social Science - 2 courses

<input type="checkbox"/> _____ (3)
<input type="checkbox"/> _____ (3)