

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

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

<input type="checkbox"/> Engl103 RHETORIC AND COMPOSITION I - (f,s)	<input type="checkbox"/> Chem 110 (or Chem210T) GENERAL CHEMISTRY I - (f,s)	<input type="checkbox"/> Math 155 TRIGONOMETRY	p:Math110, or placement test
<input type="checkbox"/> Engl104 RHETORIC AND COMPOSITION II - (f,s)	<input type="checkbox"/> Chem 111 (or Chem2112) GENERAL CHEMISTRY I LAB (f,s)	<input type="checkbox"/> Math229 CALCULUS I - (f,s)	p:Math155, or placement test
<input type="checkbox"/> Coms100 FUNDAMENTALS OF ORAL COMM- (f,s)	<input type="checkbox"/> Stat 208 (or Stat 301) STATISTICS - (f,s)	<input type="checkbox"/> Math230 CALCULUS II - (f,s)	p:Math229
<input type="checkbox"/> English308 Technical Writing - (f,s)	<input type="checkbox"/> Phy210 (or PHYS 253) GENERAL PHYSICS- (f,s)		

**Required Technology Courses**

<input type="checkbox"/> Tech175 ELECTRICITY AND ELECT FUND (f,s)	<input type="checkbox"/> Tech 295 Manuf. Computer Apps - (f,s)	<input type="checkbox"/> Tech 393 STRUCT AND PROP OF MATERIALS- (f)	p:Math155, Phys210	p:Math155 & TECH 265	p:Math155, Chem110
<input type="checkbox"/> Tech175a ELECTRICITY AND ELECT FUND lab (f,s)	<input type="checkbox"/> Tech 312 DESIGN DIMENS AND TOLERANCING (s)	<input type="checkbox"/> Tech 420 Computer Integrated Manuf - (f)	c:TECH175	p:Tech 211, (260 or 265)	p:Tech211,265
<input type="checkbox"/> Tech 210 ENGINEERING MECHANICS- (s)	<input type="checkbox"/> Tech 326 Fluid Power - (s)	<input type="checkbox"/> Tech 423 Automated Manufacturing Sys - (s)	p:Math155, phys210	p:Math229,Phys210	p:Tech362,420, (Tech395 or Csci240)
<input type="checkbox"/> Tech 211 COMPUTER-AIDED DESIGN - (f,s)	<input type="checkbox"/> Tech 342 MANUF COMP DESIGN - (s)	<input type="checkbox"/> Tech 425 PROG ELECT CONTROLLERS- (f,s)		p:Math229,Tech 211,212, and 369	p:Tech175,265, (Tech395 or Csci240)
<input type="checkbox"/> Tech 212 ENGINEERING Dynamics- (s)	<input type="checkbox"/> Tech 362 NUMERICAL CONTROLS SYSTEMS- (s)	<input type="checkbox"/> Tech 443 ENGINEERING ECONOMY - (f,s)	p:Math155, TECH 210	p:Tech262,(Csci240 or Tech395)	p:Math155
<input type="checkbox"/> Tech 262 MACHINE PRODUCTION PROCESSES- (f,s)	<input type="checkbox"/> Tech 369 STRENGTH OF MATERIALS- (f)	<input type="checkbox"/> Tech 477 ENGINEERING TECH SEN DESIGN PROJECT I (f,s)	p:Tech211	p:Tech210	p: see instructor
<input type="checkbox"/> Tech 265 BASIC MANUFACTURING PROCESSES (f,s)	<input type="checkbox"/> Tech 391 INDUSTRIAL QUALITY CONTROL- (f)	<input type="checkbox"/> Tech 478 ENGINEERING TECH SEN DESIGN PROJECT II (f,s)	p:Math155	p:STAT 208	p: see instructor

**Technology Department Electives**

**Manufacturing Systems**  
**choose 2 courses**

<input type="checkbox"/> Tech 401 ETHICS IN TECHNOLOGY- (f)	<input type="checkbox"/> Tech 434 HUMAN FACTORS IN IND ACCIDENT PREV (f,s)
<input type="checkbox"/> Tech 402 IND TRAINING AND EVAL- (s)	<input type="checkbox"/> Tech 442 WORK SIMPLIF AND MEAS- (s)
<input type="checkbox"/> Tech 404 SUPERVISION IN INDUSTRY- (f,s)	<input type="checkbox"/> Tech 444 PRODUCTION CONTROL SYSTEMS - (s)
<input type="checkbox"/> Tech 441 HAZARD CONT IN IND OPS- (s)	<input type="checkbox"/> Tech 482 IND SAFETY ENGINEERING ANALYSIS
<input type="checkbox"/> Tech 409 INTERNSHIP- (f,s)	<input type="checkbox"/> Tech 492 Manufacturing Deistribution Applications
<input type="checkbox"/> Tech 429 PLANT LOC, LAYOUT, AND MATS HANDLING (f)	<input type="checkbox"/> Tech 496 INDUSTRIAL PROJECT MANAGEMENT- (f,s)

**Manufacturing Processes -**  
**choose 3 courses**

<input type="checkbox"/> Tech 260 METAL FAB PROCESSES- (f,s)	p:Math155
<input type="checkbox"/> Tech 313 Product Design and Development for Manufact. - (s)	p:Tech265 and (Tech 311 or 342)
<input type="checkbox"/> Tech 314 TOOL AND DIE DESIGN- (s)	p:Tech211
<input type="checkbox"/> Tech 344 MATS AND PROCS IN THE PLASTICS IND- (f)	
<input type="checkbox"/> Tech 345 PLASTICS MOLDING PROCESSES- (s)	p:Tech344
<input type="checkbox"/> Tech 364 ADV NUMERICAL CONTROL- (f)	p:Tech362
<input type="checkbox"/> Tech 365 METROLOGY - (f,s)	
<input type="checkbox"/> Tech 479 SPECIAL TOPICS IN ENGINEERING TECHNOLOGY	p: see instructor

**General Education Courses - See Tech Department website or Undergraduate Catalog**

Humanities and the arts - 3 courses

<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)