



# Industrial Technology Management & Applied Engineering

Curriculum and Advisement Sheet Office phone: 870-575-8880

NAME	Classification: ( )FR ( )SO ( )JR ( )SR ( )SP
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Last First MI

Local Phone Number: \_\_\_\_\_

Hours Completed: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 1<sup>st</sup> yr 2<sup>nd</sup> yr 3<sup>rd</sup> yr 4<sup>th</sup> yr

STUDENT ID#: \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_ Advisor \_\_\_\_\_

GENERAL EDUCATION REQUIREMENTS (48 HRS)	Credit Hours	INDUSTRIAL TECHNOLOGY REQUIREMENTS	Credit Hours
<b>1. COMMUNICATION</b>	<b>12</b>	<b>MATHEMATICS</b>	<b>13</b>
___ English Composition ENGL 1311	3	___ Statistics MATH 2370	3
___ English Composition ENGL 1321	3	___ Chemistry CHEM 1430 or Gen. Physics PHYS 2410/2420	4
___ Oral Communication MCOM 2390	3	___ Comp. Science CPSC 2363 (Business Programming)	3
___ Intro to Lit. ENGL 2300 or World Lit ENGL 2360 or 2361	3	___ Comp. Science CPSC 2344 (LANetworking)	3
<b>2. NATURAL SCIENCE &amp; MATHEMATICS</b>	<b>13</b>		
___ Physical Science 1411 or Chemistry CHEM 1430 or General Physics I or II PHYS 2410/2420	4		
___ Biological Science BIOL 1450	4	<b>MANAGEMENT</b>	<b>24</b>
___ Pre-Calculus MATH 1550	5	___ Industrial Safety Mgmt. TECH 1301	3
<b>3. HUMANITIES</b>	<b>6</b>	___ Supply Chain / Inventory Management TECH 3307 or 3306	3
___ Humanities HUMN 2301 or Logic HUMN 2340	3	___ Motion/Time & Ergonomics TECH 3310	3
___ Music MUSI 2330 or Art Appreciation ART 2340	3	___ Quality Control TECH 4307	3
<b>4. SOCIAL SCIENCE</b>	<b>9</b>	___ Technical Writing JOUR 3350	3
___ U.S. History HIST 2315 or 2318 or Amer. Govt. PSCI 2312	3	___ Principles of Management MGMT 3300	3
___ Economics I ECON 2310	3	___ Estimating & Scheduling /Project Mgmt. TECH 4320 &	3
___ Economics II ECON 2320	3	___ Human Resource Mgmt MGMT 3318 or	3
		___ Prod/Oper/Mgmt MGMT 4315 or	
<b>5. Health &amp; Physical Education</b>	<b>4</b>		
___ Physical Education HLPE 11____	1	<b>INDUSTRIAL TECHNICAL CORE</b>	<b>27</b>
___ Personal Health & Safety HLPE 1310	3	<b>ELECTRONICS</b>	<b>9</b>
<b>6. Institutional Req.</b>	<b>3</b>	___ Electronic Fundamentals TECH 1332	3
___ Personal & Social Dev. BAS 1210	2	___ Electronic Devices TECH 2333	3
___ Career & Life Planning BAS 1120	1	___ Digital Electronics TECH 3337	3
<b>Substitutions &amp; Transfer Courses</b>		<b>MANUFACTURING</b>	<b>9</b>
		___ Introduction to Manufacturing TECH 1360	3
		___ Robotics TECH 2309 or Flexible Manuf. Sys. TECH 2363	3
		___ Automation/Production Systems TECH 4366	3
		<b>INDUSTRIAL SYSTEMS &amp; DESIGN</b>	<b>9</b>
		___ Engineering Graphics TECH 1302	3
		___ Fluid Power Systems TECH 4372	3
		___ Senior Project TECH 4342	3

**TECHNICAL ELECTIVES (choose any 3 classes )** **9**

Construction Management	Electronics	Manufacturing	Design
___ Materials, Construction Proc. and Practices TECH 1320	___ Circuit Analysis I TECH 2335	___ Manufacturing Process of Materials Assembly TECH 2367	___ Architectural Design TECH 2303
___ Strength of Materials TECH 2308	___ Computer Repair TECH 3339	___ Plant Layout (Facilities Planning) TECH 3363	___ Advanced Design TECH 3302
___ Site Planning & Layout TECH 2315	___ Microprocessor Application TECH 4338	___ Logistics TECH 4310	___ Capstone Design TECH 4302*
___ Codes, Specs & Law TECH 2321	___ Computer Hardware TECH 4341	___ Computer Aided Manufacturing TECH 4370	

The following internship/coop courses may be used for 3 credit hours of technical electives: TECH 2600, TECH 2601, TECH 2602, TECH 3600, TECH 3601, TECH 4300, MATH 2600 and MATH 2601; The following courses may also be used for technical electives: CPSC 2300, CPSC 2322, CPSC 3300, CPSC 3341, CPSC 3362

**Total Credits 120**