

# Industrial Technology—Program Check-off Sheet

## 2002/2003 Undergraduate Catalog and Subsequent

Name \_\_\_\_\_ SID \_\_\_\_\_ Academic Year \_\_\_\_\_ WKH Rev.: Apr. 5, 2002

Part I - General Education Requirements			Cr.	Gr.	W	O	T
<b>Writing Area</b>							
ENGL 1010	Crit. Reading & Expos Writing	3					
ENGL 1020	Crit. Thinking & Argumentation	3					
<b>Mathematics Area</b>							
MATH 1530	Probability & Statistics-NonCalc	3					
<b>Information Technology Area</b>							
CSCI 1100	Using Info Tech or UIT Exam	3					
<b>Science Area</b>							
CHEM 1110/11	Gen. Chemistry: Lect (3)/Lab (1)	4					
PHYS 2010/11	General Physics I-NonCalc (Lect/Lab)	4		X			
<b>Heritage Area</b>							
HIST 2010	U.S. History, Before 1877	3					
HIST 2020	U.S. History, 1877-present	3					
E ENGL 2_____	Heritage / Literature Elective	3					
<b>Arts and Artistic Vision Area</b>							
E _____		3					
<b>Identity, Ethics, &amp; Social Responsibility Area</b>							
E _____		3					
<b>Institutions and Society Area</b>							
ECON 2210	Principles of Economics, Part I	3					
PSYC 1310	Introduction to Psychology	3					
<b>Humanities Area</b>							
ENTC 3020	Technology & Society	3					
<b>Physical Education, Military Science, or Band <sup>2</sup></b>							
E _____		1					
E _____		1					
<b>General Education Core Total</b>			<b>43</b>	<b>-</b>	<b>46</b>		

**Notes:**

- <sup>1</sup> ENTC and general electives should be selected with the goal of developing a depth of understanding in one or two technical areas. Select ENTC elective courses from manufacturing, electronics, design graphics, computer & information science, management science, construction, &/or surveying/mapping.
- <sup>2</sup> CSCI 1250, 1310, or 1800 may be substituted for CSCI 2100.
- <sup>3</sup> MATH 1910 (4 hr) may be substituted for MATH 1840 (3 hr).
- <sup>4</sup> Students must have attained at least 60 hours (junior standing) to enroll
- <sup>5</sup> Cooperative Education (ENTC 4989 or 4999) may be substituted for ENTC 3600

Part II - Technology Core Requirements		Cr.	Gr.	W	O	T
ENTC 1110	Engineering Drawing	4				
ENTC 1510	Student in Univ (Opt.Xfers>15 hr)	3		X		
ENTC 2170	CADD	3				X
ENTC 3030	Technical Communication	3		X	X	
ENTC 4017	Industrial Supervision	3		X		
ENTC 4060	Project Scheduling	3				
ENTC 4600	Technology Practicum	4				X
ENTC 4777	Safety Management	3				X
<b>Technology Core Total</b>		<b>23</b>	<b>-</b>	<b>26</b>		

Part III - Industrial Technology Core Classes		Cr.	Gr.	W	O	T
ENTC 1120	Manuf. Processes & Specs	3				
ENTC 2200	Machine Tool Technology	4				
ENTC 2310	Electrical Principles	4				
ENTC 3240	Engr. Materials & Materials Testing	4				
ENTC 3600	Manufacturing Technology <sup>(5)</sup>	3				X
ENTC 3620	Thermal & Fluid Technologies	4				
ENTC 4037	Quality Assurance I	3				
ENTC 4227	Engineering Economy	3				
ENTC 4357	CIM Applications (or ENTC 3260)	3				X
<sup>(1)</sup> ENTC		3				
<sup>(1)</sup> ENTC		3				
<sup>(1)</sup> ENTC		3				
<b>Industrial Technology Core Total</b>		<b>40</b>				

Part IV - Technical Support Courses		Cr.	Gr.	W	O	T
ACCT 2010	Principles of Accounting	3				
<sup>(2)</sup> CSCI 2100	Introduction to "C"	4				
MATH 1720	Precaculus	3				
<sup>(3)</sup> MATH 1840	Analy Geometry & Diff. Calc.	3				
<sup>(4)</sup> MGMT 3000	Organizational Management	3				
<sup>(4)</sup> MGMT 3310	Legal Environment of Business	3				
SPCH 2300	Public Speaking	3				
<b>Technical Support Total</b>		<b>22</b>				
<b>Industrial Technology Program Total</b>		<b>128</b>	<b>-</b>	<b>134</b>		

Advisor: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Transfer/Substitution Memo Sent \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_