

Industrial Technology—Program Check-off Sheet

2001/2002 Undergraduate Catalog

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

Part I - General Education Requirements			Cr.	Gr.	W	O	T
Writing Area							
ENGL 1010	Crit. Reading & Expos Writing	3					
ENGL 1020	Crit. Thinking & Argumentation	3					
Mathematics Area							
MATH 1530	Probability & Statistics-NonCalc	3					
Information Technology Area							
CSCI 1100	Using Info Tech or UIT Exam	2					
Science Area							
CHEM 1110/11	Gen. Chemistry: Lect (3)/Lab (1)	4					
PHYS 2010/11	General Physics I-NonCalc (Lect/Lab)	4		X			
Heritage Area							
HIST 2010	U.S. History, Before 1877	3					
HIST 2020	U.S. History, 1877-present	3					
E ENGL 2_____	Heritage / Literature Elective	3					
Arts and Artistic Vision Area							
E _____		3					
Identity, Ethics, & Social Responsibility Area							
E _____		3					
Institutions and Society Area							
ECON 2210	Principles of Economics, Part I	3					
PSYC 1310	Introduction to Psychology	3					
Humanities Area							
ENTC 3020	Technology & Society	3					
Physical Education, Military Science, or Band ²							
E _____		1					
E _____		1					
General Education Core Total			43	-	45		

Notes:

- ¹ 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.
- ² CSCI 1250, 1310, or 1800 may be substituted for CSCI 2100.
- ³ MATH 1910 (4 hr) may be substituted for MATH 1840 (3 hr).
- ⁴ Students must have attained at least 60 hours (junior standing) to enroll
- ⁵ 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
Technology Core Total		23	-	26		

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 ⁽⁵⁾	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
⁽¹⁾ ENTC		3				
⁽¹⁾ ENTC		3				
⁽¹⁾ ENTC		3				
Industrial Technology Core Total		40				

Part IV - Technical Support Courses		Cr.	Gr.	W	O	T
ACCT 2010	Principles of Accounting	3				
⁽²⁾ CSCI 2100	Introduction to "C"	4				
MATH 1720	Precaculus	3				
⁽³⁾ MATH 1840	Analy Geometry & Diff. Calc.	3				
⁽⁴⁾ MGMT 3000	Organizational Management	3				
⁽⁴⁾ MGMT 3310	Legal Environment of Business	3				
SPCH 2300	Public Speaking	3				
Technical Support Total		22				
Industrial Technology Program Total		128	-	133		

Advisor: _____ / _____ / _____

Transfer/Substitution Memo Sent _____ / _____ / _____