

Industrial Technology—Program Tally Sheet

1997/1998 through 1999/2000 Undergraduate Catalogs

Name _____ SID _____ Academic Year _____

Part I—General Education Requirements

			Proficiency				
			Cr.	Gr.	WI	OI	UIT
Writing Area							
ENGL 1110	Critical Reading & Expos Writing		3				
ENGL 1120	Critical Thinking & Argumentation		3				
Mathematics Area							
MATH 1060	Analy Geometry & Diff. Calculus	(3)					
or MATH 1110	Differential Calculus	(4)					
Information Technology Area							
CSCI 1100	Using Information Technologies	(2)					
or	UIT Proficiency Exam						
Science Area							
CHEM 1110	General Chemistry - Lecture		3				
CHEM 1111	General Chemistry - Lab		1				
PHYS 2110	General Physics I - Lecture		4				
PHYS 2111	General Physics I - Lab		0		X		
Heritage Area							
HIST 2010	U.S. History, Before 1877		3				
HIST 2020	U.S. History, 1877-present		3				
E	ENGL 22_____	Heritage / Literature Elective	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				
Arts and Artistic Vision Area							
E	_____		3				
Identity, Ethics, & Social Responsibility Area							
E	_____		3				
Physical Education, Military Science, or Band ¹							
E	_____	(1)					
E	_____	(1)					
General Education Core Total			43	-	46		

Part II—Technology Core / Industrial Tech Rqmts

			Proficiency				
			Cr.	Gr.	WI	OI	UIT
ENTC Courses							
ENTC 1010	Engineering Analysis		3				
ENTC 1110	Engineering Drawing		4				
ENTC 1120	Manufacturing Processes & Specs		3				
ENTC 1510	Student in University ²	(3)			X		
ENTC 2170	CADD		3				X
ENTC 2200	Machine Tool Technology		4				
ENTC 2310	Electrical Principles		4				
ENTC 3030	Technical Communication		3		X	X	
ENTC 3240	Engr. Materials & Materials Testing		4				
ENTC 3600	Manufacturing Technology ³		3				
ENTC 3620	Thermal & Fluid Technologies		4				
ENTC 4017	Industrial Supervision		3		X		
ENTC 4030	Quality Assurance I		3				
ENTC 4357	CIM Applications (or ENTC 3260)		3				X
ENTC 4607	Technology Practicum		4			X	
ENTC 4777	Safety Management		4			X	
E ⁴	ENTC _____	(Rplc ENTC 4020)	3				
E ⁴	ENTC _____		3				
E ⁴	ENTC _____		3				
Technical Support Courses/General Elective							
ACCT 2010	Principles of Accounting		3				
CSCI 2100	Introduction to "C" ⁴		4				X
MATH 1040	Precaculus		3				
MATH 1080	Probability & Statistics		3				
E ⁶	MGMT 3000	Organizational Management	3				
E ⁶	MGMT 3310	Legal Environment of Business	3				
SPCH 2300	Public Speaking		3			X	
E	_____		3				
Technology Core / Industrial Concentration Total			85	-	88		
Total Credit Hours to Graduate			128	-	134		

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Notes:

- ¹ Minimum 2 credits reqd. Choose one each PESX 1xxx & 2xxx level course **OR** MUSC 1201 (2) **OR** MSCI 1217 (1), 2130 (2), and 3217 (1)
- ² Student in University is **required** for all entering students will less than 15 credit hours
- ³ Cooperative Education (ENTC 4989-99) may be substituted for ENTC 3600 &/or ENTC 4020
- ⁴ 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.
- ⁵ CSCI 1250 or 1310 may be substituted for CSCI 2100
- ⁶ Students must have attained at least 60 credit hours (junior standing) for enrollment

Advisor: _____/____/____

Transfer/Substitution Memo Sent _____/____/____