

B.S. Engineering Technology—Industrial Technology Concentration—Program Check-off Sheet

East Tennessee State University — 2004/05 through 2007/08 Undergraduate Catalogs

Name _____

SID _____

Academic Year _____

WKH Rev. A: April 3, 2008

Part I - General Education Requirements		Cr.	Gr.	W	O	T	Prof.
Communications Area							
ENGL 1010	Crit. Reading & Expos Writing	3					
ENGL 1020	Crit. Thinking & Argumentation	3					
SPCH 2300	Public Speaking	3					
Mathematics Area							
⁽²⁾ MATH 1530	Probability & Statistics-NonCalc	3					
Natural Sciences Area							
CHEM 1110/11	Gen. Chemistry: Lect (3)/Lab (1)	4					
PHYS 2010/11	General Physics I-NonCalc (Lect/Lab)	4				X	
History Area							
HIST 2010	U.S. History To 1877	3					
HIST 2020	U.S. History Since 1877	3					
Social & Behavioral Sciences Area							
ECON 2210	Principles of Economics, Part I	3					
PSYC 1310	Introduction to Psychology	3					
Humanities & Fine Arts Area							
E ENGL 2	Literature Elective	3					
E	Fine Arts Elective	3					
ENTC 3020	Technology & Society	3					
General Education Core Total		41					

"Supplemental" Graduation Requirements
 CSCI 1100 [] Using Info Tech or [] U/T Test & [] Senior Exit Exam

Part II - Technology Core Requirements		Cr.	Gr.	W	O	T
⁽¹⁾ ENTC 1510	Student in University	2			X	
ENTC 2170	CADD	4				X
ENTC 3030	Technical Communication	3			X	X
ENTC 4017	Industrial Supervision	3			X	
ENTC 4060	Project Scheduling	3				X
⁽²⁾ ENTC 4600	Technology Practicum	4				X
Technology Core Total		19				

Advisor Notes

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 or 3650	Electrical Principles or Applied EI & EI	4				
⁽²⁾ ENTC 3600	Manufacturing Technology	3				X
ENTC 3620 or 3670	Thermal & Fluids or Energy/Pwr/Trans	4				
ENTC 4037	Quality Assurance I	3				
ENTC 4227	Engineering Economy	3				
ENTC 4357	CIM Applications	3				X
ENTC 4777	Safety Management	3				X
ENTC	Advisor Approved Technical Elective	4				
ENTC	Advisor Approved Technical Elective	4				
	Advisor Approved Elective	4				
Industrial Technology Core/Electives Total		42				

Part IV - Technical Support Courses		Cr.	Gr.	W	O	T
ACCT 2010	Principles of Accounting	3				
⁽³⁾ CSCI 1710	World Wide Web - Design & Creation	3				
MATH 1720	Precalculus	3				
⁽⁴⁾ MATH 1840	Analy Geometry & Diff. Calc.	3				
⁽⁵⁾ MGMT 3000	Organizational Management	3				
⁽⁵⁾ MGMT 3310	Legal Environment of Business	3				
Technical Support Total		18				
Industrial Technology Program Total		120				

Notes:

- Required for a students with less than 15 credit hours.
- Cooperative Education (ENTC 4989/4999) may be substituted for ENTC 3600 &/or 4600.
- CSCI 1250, 1310, 1800, or 2100 may be substituted for CSCI 1710.
- MATH 1910 (4 hr) may be substituted for MATH 1840 (3 hr).
- Students must have attained at least 60 hours (junior standing) to enroll.

Advisor: _____ / _____ / _____

Transfer/Substitution Memo Sent _____ / _____ / _____