

**CURRICULUM SUMMARY FOR THE BACHELOR OF SCIENCE IN
INDUSTRIAL TECHNOLOGY
DESIGN TECHNOLOGY CONCENTRATION
TOTAL CREDITS REQUIRED:125**

CORE CURRICULUM (STANDARD)*		MAJOR (INDUSTRIAL TECHNOLOGY)	OTHER REQUIREMENTS	MINOR REQUIREMENTS
TSU COURSES	TCCNS EQUIVALENT			
42 credits		39 credits	44 credits	0 credits
<u>Communication:</u>		DRFT 131 (3)	ACCT 231 (3)^	
ENG 131 (3) **	ENGL 1301	DRFT 133 (3)	CONS 141 (3)	
ENG 132 (3)	ENGL 1302	DRFT 134 (3)	CONS 333 (3)	
<u>Mathematics:</u>		DRFT 136 (3)	MFG 232 (3)	
MATH 133 (3)	MATH 1314	DRFT 231 (3)	ELET 131 (3)	
<u>Life and physical sciences:</u>		DRFT 232 (3)		
CHEM 131 or BIOL 143 (3)	CHEM 1311or BIOL 1308	DRFT 233 (3)	FS 102 (1)	
PHYS 237 (3)	PHYS 1301	DRFT 331 (3)	ITEC 331 (3)	
<u>Language, philosophy, and culture:</u>		DRFT 333 (3)	ITEC 333 (3)	
ENG 2xx (3) ***		DRFT 336 (3)	ITEC 412 (1)	
<u>Creative arts:</u>		DRFT 430 (3)	ITEC 439 (3)	
ART 135 (3)	ARTS 1301	DRFT 431 (3)	MATH 134 (3)	
<u>American history:</u>		DRFT 432 (3)	MATH 138 (3)	
HIST 231 (3)	HIST 1301		MFG 231 (3)	
HIST 232 (3)	HIST 1302		MFG 333 (3)	
<u>Government/political science:</u>			ELECTIVES (6)****	
POLS 235 (3)	GOVT 2305			
POLS 236 (3)	GOVT 2306			
<u>Social and behavioral sciences:</u>				
PSY 131 (3)	PSYC 2301			
<u>Institutional Options:</u>				
SC 135 or SC 136 (3)	SPCH 1321 or SPCH 1315			
CS 116 (3)	COSC 1301			

* Students should be advised by a major advisor prior to registering for any credit, particularly any core curriculum credit as listed.

** (N) represents the number of course credits.

*** ENG 230, ENG 231, ENG 235, OR ENG 244 (TCCN: ENGL 2332, ENGL 2333, ENGL 2326, OR ENGL 2326)

^Math 138 - prerequisite for ACCT 231

**** ELECTIVES should be selected from the following courses: DRFT 132, CONS 341

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First Year	FIRST SEMESTER		SECOND SEMESTER	
	ART 135 Topics in Contemp. Art and Culture	3	CONS 141 Materials and Applications	3
	CS 116 Introduction to Computer Science I	3	CONS 141L Materials and Applications Lab	0
	DRFT 131 Fundamentals of Drafting	3	DRFT 134 Mechanical Drafting	3
	ENG 131* Freshman English I	3	ELET 131 DC Circuits Lec	3
	FS 102 Freshman Seminar	1	ENG 132 Freshman English II	3
	MATH 133* College Algebra	3	MATH 134 Trigonometry	3
		16 Hrs		15 Hrs

Second Year	THIRD SEMESTER		FOURTH SEMESTER	
	CHEM 131 General Chemistry I Lec	3	DRFT 136 Architectural Rendering	3
	ENG 2XX (upper Level)	3	DRFT 232 Architectural Design	3
	DRFT 133 Architectural Drafting	3	ACCT 231 Principles of Accounting	3
	DRFT 231 Pipe Drafting	3	PHYS 237 College Physics I Lec	3
	MFG 231 Manufacturing Processes	3	SC 135 Business & Professional Communication	3
	MATH 138 Math for Business & Econ Analysis II	3		
	18 Hrs		15 Hrs	

Third Year	FIFTH SEMESTER		SIXTH SEMESTER	
	MFG 232 Applied Statics	3	PSY 131 Introduction to Psychology	3
	DRFT 233 Basic Computer Drafting	3	DRFT 331 Piping System Design	3
	DRFT 333 Machine Design	3	ITEC 331 Technical Writing	3
	ITEC 333 Supervision and Management	3	MFG 333 Strength of Material	3
	HIST 231 Social & Political History of the United States to 1877	3	HIST 232 Social & Political History of the United States since 1877	3
	POLS 235 American Political Systems I	3	POLS 236 American Political Systems II	3
	18 Hrs		18 Hrs	

Fourth Year	SEVENTH SEMESTER		EIGHTH SEMESTER	
	DRFT 336 Computer Aided Design	3	DRFT 430 Advance Computer-Aided Design	3
	DRFT 431 Structural Design	3	DRFT 432 Senior Design Project	3
	CONS 333L Quantity Surveying	3	ITEC 412 Senior Seminar	1
	ITEC 439 Industrial Safety	3	ELECTIVE	3
	ELECTIVE	3	Comprehensive Exam	0
		15 Hrs		10 Hrs

* Pending acceptable score on English and Mathematics Placement Examination