

**CURRICULUM SUMMARY FOR THE BACHELOR OF SCIENCE IN
INDUSTRIAL TECHNOLOGY
CONSTRUCTION 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
Communication:		CONS 131 (3)	ACCT 231 (3)^	
ENG 131 (3) **	ENGL 1301	CONS 141 (3)	CIVT 231 (3)	
ENG 132 (3)	ENGL 1302	CONS 242/242L (3)	DRFT 131 (3)	
Mathematics:		CONS 333 (3)	DRFT 133 (3)	
MATH 133 (3)	MATH 1314	CONS 334 (3)	DRFT 232 (3)	
Life and physical sciences:		CONS 331 (3)	DRFT 431 (3)	
CHEM 131 or BIOL 143 (3)	CHEM 1311 or BIOL 1308	CONS 341 (3)	ELET 131 (3)	
PHYS 237 (3)	PHYS 1301	CONS 344 (3)		
Language, philosophy, and culture:		CONS 433 (3)	FS 102 (1)	
ENG 2xx (3) ***		CONS 435 (3)	ITEC 331 (3)	
Creative arts:		CONS 436 (3)	ITEC 333 (3)	
ART 135 (3)	ARTS 1301	CONS 437 (3)	ITEC 412 (1)	
American history:		CONS 475 (3)	ITEC 439 (3)	
HIST 231 (3)	HIST 1301		MATH 138 (3)	
HIST 232 (3)	HIST 1302		MFG 333 (3)	
Government/political science:			ELECTIVE (6)****	
POLS 235 (3)	GOVT 2305			
POLS 236 (3)	GOVT 2306			
Social and behavioral sciences:				
ECON 231 (3)	ECON 2301			
Institutional Options:				
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, OR ENGL 2326)

^Math 138 - prerequisite for ACCT 231

**** ELECTIVES should be selected from the following courses: CIVT 232, CONS 244, CONS 243, COE 433

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First Year	FIRST SEMESTER		SECOND SEMESTER	
	ART 135 Topics in Contemp. Art and Culture	3	CONS 141 Materials and Methods	3
	CONS 131 Intro to Const Develop	3	CONS 141L Materials and Methods Lab	0
	ENG 131* Freshman English I	3	CHEM 131 or BIOL 143	3
	DRFT 131 Fundamentals of Drafting	3	ELET 131 DC Circuits Lec	3
	MATH 133* College Algebra	3	ENG 132 Freshman English II	3
	FS 102 Freshman Seminar	1	MATH 138 Math for Business & Econ Analysis II	3
			CS 116 Intro to Computer Science I Lec	3
		16 Hrs		18 Hrs

Second Year	THIRD SEMESTER		FOURTH SEMESTER	
	CIVT 231 Surveying I	3	CONS 334 Concrete Technology	3
	CONS 242 Framing Principles	1	DRFT 232 Architectural Design	3
	CONS 242L Framing Principles Lab	2	PHYS 237 College Physics I Lec	3
	DRFT 133 Architectural Drafting	3	HIST 232 Social & Political History of the United States to 1877	3
	ENG 2XX (upper Level)	3	POLS 236 American Political Systems II	3
	HIST 231 Social & Political History of the United States to 877	3	SC 135 or 136 Business & Professional Communication or Public Address	3
	POLS 235 American Political Systems I	3		
	18 Hrs		18 Hrs	

Third Year	FIFTH SEMESTER		SIXTH SEMESTER	
	ECON 231 Principles of Economics	3	ACCT 231 Principles of Accounting	3
	CONS 333 Quantity Surveying	3	CONS 331 Models and Presentations	3
	CONS 344 Construction Management I	3	CONS 341 (MEPFI) Intro to Mechanical, Electrical, Plumbing, Fire and Information distribution Systems	3
	ITEC 331 Technical Writing	3	CONS 433 Estimating	3
	ITEC 333 Supervision and Management	3	MFG 333 Strength of Materials	3
	ITEC 439 Industrial Safety	3		
	18 Hrs		15 Hrs	

Fourth Year	SEVENTH SEMESTER		EIGHTH SEMESTER	
	CONS 436 Construction Management II	3	CONS 437 Construction Problems	3
	CONS 435 Contracts and Specifications	3	ITEC 412 Senior Seminar	1
	DRFT 431 Structural Design	3	CONS 475 Facilities Management	3
	ELECTIVE	3	ELECTIVE	3
			Comprehensive Examination	0
	12 Hrs		10 Hrs	