

CURRICULUM SUMMARY FOR
BACHELOR OF SCIENCE DEGREE IN INDUSTRIAL TECHNOLOGY
CONSTRUCTION TECHNOLOGY CONCENTRATION
TOTAL CREDITS REQUIRED: 122

CORE CURRICULUM* (STANDARD)	TCCNS	MAJOR (CONSTRUCTION TECH)	OTHER REQUIREMENTS	MINOR OR CONCENTRATION (OPTIONAL)
42 credits	EQUIVALENT	36 credits	44 credits	
<u>Communication:</u>				
ENG 131 (3)**	ENGL 1301	CONS 131 (3)	ACCT 231 (3)^	
ENG 132 (3)	ENGL 1302	CONS 141 (3)	CIVT 231 (3)	
<u>Mathematics:</u>				
MATH 133 (3)	MATH 1314	CONS 333 (3)	DRFT 131 (3)	
<u>Life and physical science:</u>				
CHEM 131 or BIOL 143 (3)	CHEM 1311 or BIOL 1308	CONS 341 (3)	DRFT 431 (3)	
PHYS 237 (3)	PHYS 1301	CONS 344 (3)	ELET 131 (3)	
<u>Language, philosophy, and culture:</u>				
ENG 2xx (3)***		CONS 435 (3)	ITEC 331 (3)	
<u>Creative arts:</u>				
ART 131 (3)	ARTS 1316	CONS 437 (3)	ITEC 412 (1)	
<u>American history:</u>				
HIST 231 (3)	HIST 1301		MATH 138 (3)	
HIST 232 (3)	HIST 1302		MFG 333 (3)	
<u>Government/political science:</u>				
POLS 235 (3)	GOVT 2305		ELECTIVES (6)****	
POLS 236 (3)	GOVT 2306			
<u>Social and behavioral sciences:</u>				
ECON 231 (3)	ECON 2301			
<u>Institutional Options:</u>				
SC 135 or 136 (3)	SPCH 1321 or SPCH 1315			
CS 116 (3)	COSC 1300			

* 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

**Bachelor of Science Degree in industrial Technology
Construction Technology Concentration**

Approved by the Association of Technology, Management, and Applied Engineering (ATMAE)
Degree Plan - Total Credits: 122

<i>First Year</i>	<i>First Semester</i>		<i>Second Semester</i>	
	ART 131 Drawing and Composition I	3	CONS 141 Materials and Methods	2
	CONS 131 Intro to Const Develop	3	CONS 141L Materials and Methods Lab	1
	ENG 131* Freshman English I	3	CHEM 131 or BIOL 143	3
	DRFT 131 Fundamentals of Drafting	1	ELET 131 DC Circuits Lec	3
	DRFT 131L Fundamentals of Drafting Lab	2	ENG 132 Freshman English II	3
	MATH 133* College Algebra	3	MATH 138 Math for Business & Econ Analysis II	3
	CS 116 Intro to Computer Science I Lec	3	ITEC 111 Orientation	1
	18 hrs		16 hrs	

<i>Second Year</i>	<i>Third Semester</i>		<i>Fourth Semester</i>	
	CIVT 231 Surveying I	3	CONS 334 Concrete Technology	1
	CONS 242 Framing Principles	2	CONS 334L Concrete Technology Lab	2
	CONS 242L Framing Principles Lab	1	DRFT 232 Architectural Design	2
	DRFT 133 Architectural Drafting	1	DRFT 232L Architectural Design Lab	1
	DRFT 133 Architectural Drafting	2	PHYS 237 College Physics I Lec	3
	ENG 2XX (upper Level)	3	HIST 232 Social & Political History of the United States to 877	3
	HIST 231 Social & Political History of the United States to 877	3	POLS 236 American Political Systems II	3
POLS 235 American Political Systems I	3			
	18 hrs		15 hrs	

<i>Third Year</i>	<i>Fifth Semester</i>		<i>Sixth Semester</i>	
	ECON 231 Principles of Economics	3	ACCT 231 Principles of Accounting	3
	CONS 333 Quantity Surveying	1	CONS 341 (MEPFI) Intro to Mechanical, Electrical, Plumbing, Fire and Information distribution Systems	2
	CONS 333L Quantity Surveying Lab	2	CONS 341L (MEPFI) Intro to Mechanical, Electrical, Plumbing, Fire and Information distribution Systems Lab	1
	CONS 344 Construction Management I	1	CONS 433 Estimating	2
	CONS 344L Construction Management I Lab	2	CONS 433L Estimating Lab	1
	ITEC 331 Technical Writing	3	MFG 333 Strength of Materials	2
	ITEC 333 Supervision and Management	3	MFG 333L Strength of Materials Lab	1
ITEC 439 Industrial Safety	3	SC 135 or 136 Business & Professional Communication or Public Address	3	
	18 hrs		15 hrs	

<i>Fourth Year</i>	<i>Seventh Semester</i>		<i>Eighth Semester</i>	
	CONS 436 Construction Management II	3	CONS 437 Construction Problems	3
	CONS 436L Construction Management II Lab	2	ITEC 412 Senior Seminar	1
	CONS 435 Contracts and Specifications	1	CONS 475 Facilities Management	2
	DRFT 431 Structural Design	1	CONS 475L Facilities Management Lab	1
	DRFT 431L Structural Design Lab	2	ELECTIVE	3
	ELECTIVE	3	Comprehensive Examination	0
	12 hrs		10 hrs	

*Pending acceptable score on English and Mathematics Placement Examination.

Name _____ T# _____

Address _____ Telephone # _____

Academic Advisor _____

Chair _____ Date _____

Dean _____ Date _____