

CONSTRUCTION ENGINEERING TECHNOLOGY

Louisiana Tech University
Curriculum as of 2019

Name _____

Date _____

CWID _____

Email _____@latech.edu

COURSE	PREREQUISITE	SCH	QTR	GRADE
CVTE 100	MATH 112	3	F,Sp	*R
210	MEMT 206	3	Sp	R
372	MEMT 206, MATH 220	3	F	R
471	CVTE 372	3	W	R
473	CVTE 372	3	Sp	R
475	MEMT 206	3	F	R
493	CVEN 435, 436, 438, CVTE 475	3	Sp	R
ACCT 201		3		
BLAW 255		3		
COMM 101		3		□
CVEN 254	MATH 112 or MATH 240	3	F,Sp	R
256		3	W, Sp	R
302	MEMT 206	3	W, Sp	R
358	CVEN 254	3	F	R
435	Junior Standing	3	F,Sp	R
436	INEN 300 or ENGR 122, Junior Standing	3	W	R
437	CVEN 435	3	W	R
438	CVEN 254, Junior Standing	3	F	R
ENGL 101		3		
102	ENGL 101	3		
303	ENGL 102	3		
INEN 300		2		
MATH 101		3		*
112	MATH 101 or equivalent	3		*
220	MATH 100 or 101, 112	3	W,Sp	
MEMT 206	PHYS 209	3	F,W	*R
MGMT 310	Junior Standing	3		
PHYS 209	MATH 112	3		
210	PHYS 209	3		
261	MATH 112	1		
STAT 200		3		
ELECTIVES				
Fine Art (ART 290, KINE 280, MUGN 290, or THTR 290)		3		
BUSN/MGMT Elective (BM)		3		R
Directed Elective (DE)		3		R
Directed Elective (DE)		3		R
Directed Elective (DE)		3		R
Directed Elective (DE)		3		R
ECON 201 or 202		3		
Humanity		3		
Life Science		3		
Social Science		3		
TOTAL SEMESTER HOURS		120		

SUBSTITUTIONS		
COURSE	SCH	GRADE
1		
2		
3		
4		
5		
6		
7		
8		
9		

ADDITIONAL COURSES		
COURSE	SCH	GRADE
1		
2		
3		
4		
5		

GPA	
Rubric GPA	_____

NOTES	
*	requires grade of "C" or higher
○	credit or registration in
R	course in rubric
□	must be completed within first year of enrollment
1	Directed electives & BUSN/MGMT Elective must be selected in consultation with advisor.
2	Petitions must be filed for substitutions.
3	A student must have a minimum 2.0 GPA on all hours pursued in courses designated: CVTE, CVEN, MEMT, DE, and BM

ADDITIONAL COMMENTS	

Advisor _____

Construction Engineering Technology
Louisiana Tech University

FRESHMAN YEAR						
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr	
MATH 101 * College Algebra	3	MATH 112 * Trigonometry	3	PHYS 209 General Physics I	3	
ENGL 101 Freshman Composition I	3	ENGL 102 Freshman Composition II	3	CVEN 254 Plane Surveying	3	
FYE 101 Freshman Year Experience	1	COMM 101 □ Principles of Comm. Studies	3	CVTE 100 * Introduction to Construction	3	
Life Science Elective	3	Fine Arts Elective	3	STAT 200 Business Statistics	3	
	10		12		12	

SOPHOMORE YEAR						
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr	
CVEN 358 Engr&Construction Surveying	3	ENGL 303 Technical Writing	3	CVTE 210 Basic Hydraulics	3	
PHYS 210 General Physics II	3	INEN 300 Engineering Economics	2	BLAW 255 Legal Environment of Business	3	
PHYS 261 General Physics Lab	1	MATH 220 Applied Calculus	3	ECON 201 Principles of Macroeconomics	3	
MEMT 206 * Statics&Strengths of Materials	3					
	10		8		9	

JUNIOR YEAR						
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr	
CVTE 372 Structural Mech and Analysis	3	CVTE 302 Construction Materials	3	ACCT 201 Principles of Financial Accounting	3	
MGMT 310 Management of Organizations	3	CVTE 471 Reinforced Concrete	3	Directed Elective∅	3	
Humanities Elective†	3	CVEN 256 Construction Data Modeling	3	Social Science**	3	
	9	Directed Elective∅	3			
			12		9	

SENIOR YEAR						
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr	
CVEN 435 Const Planning, Contracts, Specs	3	CVEN 436 Const. Equipment & Methods	3	CVTE 473 Design of Structures	3	
CVEN 438 Estimating	3	CVEN 437 Contracts & Specifications	3	CVTE 493 Capstone for Construction Project	3	
CVTE 475 Soils in Construction	3	BUSN/MGMT	3	Directed Elective∅	3	
Directed Elective∅	3					
	12		9		9	

* requires grade of "C" or higher.

Courses in **bold** are typically offered only once per year.

** approved by advisor

□ must be completed within first year of enrollment

**Social Science Electives can be selected from Anthropology, Criminal Justice, Economics, Geography, International Studies, Interdisciplinary, Political Science, Psychology, and Sociology.

†Humanities Electives can be selected from Classical Studies, Communications, Foreign Languages, History, Literature, Philosophy, Religious Studies, Interdisciplinary.

∅Directed Electives are chosen by student in consultation with academic advisor.