

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	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	W	R
475	MEMT 206	3	F	R
493	CVEN 436, 438, 439, 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	R
302	ENGR 122 OR MEMT 206	3		R
358	CVEN 254	3	F	R
435	Junior Standing	3	F	R
436	ENGR 122 or INEN 300	3	F	R
437	CVEN 435	3	W	R
438	CVEN 254, Junior Standing	3	W	R
ENGL 101		3		
102	ENGL 101	3		
303	ENGL 102	3		
INEN 300		2		
MATH 101		3		*
112		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 or 240	3		
210	PHYS 209	3		
261	MATH 112 or MATH 240	1		
STAT 200	Math 101, or 100 B & C, or Equivalent	3		
ELECTIVES				
Fine Arts Appr (ART 290, KINE 280, MUGN 290, or THTR 290)		3		
BUSN or MGMT Elective		3		R
Directed Elective		3		R
Directed Elective		3		R
Directed Elective		3		R
Directed Elective		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		

ADDITIONAL COURSES		
COURSE	SCH	GRADE
1		
2		
3		
4		
5		

GPA	
Rubric GPA	_____
MATH 241-244 GPA	_____

NOTES	
* requires grade of "C" or higher	
o credit or registration in	
R course in rubric	
1 Directed electives 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	

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	CVEN 254 Plane Surveying	3
ENGL 101 Freshman Composition I	3	ENGL 102 Freshman Composition II	3	CVTE 100 * Introduction to Construction	3
FYE 100 The Experience	1	COMM 101 □ Principles of Communication	3	PHYS 209 General Physics I	3
Life Science Elective‡	3	Fine Arts Appreciation	3	STAT 200 Basic Statistics	3
	10		12		12

SOPHOMORE YEAR					
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr
CVEN 358 Surveying for Engr. & Construction	3	ENGL 303 Technical Writing	3	BLAW 255 Legal Environment of Business	3
MEMT 206 * Statics & Strength of Materials	3	INEN 300 Engineering Economics	2	CVTE 210 Basic Hydraulics	3
PHYS 210 General Physics II	3	MATH 220 Applied Calculus	3	ECON 201 Principles of Macroeconomics	3
PHYS 261 General Physics Lab	1			or 202 Principles of Microeconomics	
	10		8		9

JUNIOR YEAR					
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr
CVEN 372 Structural Mechanics & Analysis	3	CVEN 302 Civil Engr. Construction Materials	3	ACCT 201 Principles of Financial Accounting	3
MGMT 310 Management of Organizations	3	CVEN 256 Construction Data Modeling	3	Directed Elective◇	3
Humanity†	3	CVTE 471 Reinforced Concrete	3	Social Science**	3
		Directed Elective◇	3		
	9		12		9

SENIOR YEAR					
Fall Quarter	Hr	Winter Quarter	Hr	Spring Quarter	Hr
CVEN 439 Const Contracts, Planning & Spec	3	CVEN 437 Contracts and Specifications	3	CVTE 473 Design of Structures	3
CVEN 438 Estimating	3	CVEN 436 Const Equipment & Methods	3	CVTE 493 Capstone for Construction Projects	3
CVTE 475 Soils in Construction	3	Business/Management Elective‡	3	Directed Elective◇	3
Directed Elective◇	3				0
	12		9		9

* Requires grade of "C" or higher.

□ Must be taken within first year of enrollment.

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

**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 chosen in consultation with academic advisor.

‡ Life Science and Business/Management courses chosen in consultation with academic advisor.