

CONSTRUCTION ENGINEERING TECHNOLOGY

Louisiana Tech University
Curriculum as of 2016

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	
373	ENGL 303, MEMT 206	3	W	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	R	
357	CVEN 254	2	F	R	
435	INEN 300 or ENGR 122, Junior Standing	3	F	R	
436	INEN 300 or ENGR 122, Junior Standing	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	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			
262	PHYS 261	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		
10		

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
4	All students must complete an International Education Requirement (IER). Courses acceptable: HIST 102, GEOG 205, and GEOG 210, see catalog

ADDITIONAL COMMENTS	
Life Sciences: Biology, Biochemistry, Botany or Zoology	

IER requirement met

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 <input type="checkbox"/>	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 357	Engr&Construction Surveying	2	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	PHYS 262	General Physics Lab	1	or 202	Principles of Microeconomics	3
		9			9			9

JUNIOR YEAR								
Fall Quarter		Hr	Winter Quarter		Hr	Spring Quarter		Hr
CVTE 372	Structural Mech and Analysis	3	CVTE 373	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			9

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

All students must complete an International Education Requirement prior to graduation. A list of courses can be found in the university catalog.

Courses that do not have any pre-requisite requirement are: GEOG 205, GEOG 210, HIST 102.