CONSTRUCTION ENGINEERING TECHNOLOGY

Louisiana Tech University Curriculum as of 2021

Name		 	Date	_
CWID	 -		Email	_@latech.edu

COUF	RSE	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		
		CVTE 372	3	W	R		
	473	CVTE 372	3	W	R		
	475	MEMT 206	3	F	R		
	493	CVEN 435, 436, 437, 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, Sp	R		
	436	ENGR 122 or INEN 300	3	F	R		
	437	CVEN 302	3	W	R		
	438	CVEN 254 or ARCH 122, 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		*		
		MATH 100 or 101, 112	3	W,Sp			
MEMT	206	PHYS 209	3	F,W	R*		
MGMT		Junior Standing	3				
PHYS	209	MATH 112 or 240	3				
	210	PHYS 209	3		ĺ		
		MATH 112 or MATH 240	1				
STAT	200	Math 101, or 100 B & C, or Equivalent	3				
ELECTIV	/ES						
Fine Arts	Appr (A	ART 290, KINE 280, MUGN 290, or THTR 290)	3				
BUSN or	MGMT	Elective	3		R		
Directed	Elective	9	3		R		
Directed	Flective	9	3		R		
Directed	FIECTIVE	9	3		R		
Directed	Flective	9	3		R		
ECON 20)1 or 20	02	3				
Humanity			3				
Life Scien	nce		3				
Social So	ience		3				
		TER HOURS					

	SUBSTITUT	IONS		
	COURSE	SCH	GF	RADE
1				
2				
3				
4				
5				
	ADDITIONAL C	OURSI	S	
	COURSE	SCH	GF	RADE
1				
2				
3				
4				
5				

	GPA	
Rubric GPA		
MATH 241-244 GPA		

NOTES

*	requires grade of "C" or higher
0	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

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Construction Engineering Technology

Louisiana Tech University

FRESHMAN YEAR										
Fall Quarter		Winter Quarter	Hr	Spring Quarter						
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‡		Fine Arts Appreciation		STAT 200	Basic Statistics	3				
	10		12			12				
		1								

SOPHOMORE YEAR											
Fall Quarter				Winter Quarter	Hi	•	Spring Quarter	Hr			
CVEN 358	Surveying for Engr. & Construction	3	ENGL 303	Technical Writing	3	BLAW 255	Legal Enviroment 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	<u> </u>		9			
						1					

JUNIOR YEAR										
Fall Quarter			Hr Winter Quarter			Hr	Spring Quarter	Hr		
CVTE 372	Structural Mechanics & Analysis	3	CVEN 3	302	Civil Engr. Construction Materials	3	ACCT 201 Principles of Financial Accounting	3		
MGMT 310	Management of Organizations	3	CVEN 2	256	Construction Data Modeling	3	Directed Elective◊	3		
Humanity+		3	CVTE 4	471	Reinforced Concrete	3	Social Science**	3		
			Directed	Electi	ive≎	3				
		9				12		9		
			1							

	SENIOR YEAR										
Fall Quarter		Hr	Winter Quarter		Hr		Spring Quarter	Hr			
CVEN	435	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	CVTE 475 Soils in Construction			Business/Mangement Elective‡			Directed Elect	ive◊	3		
Directed Elective◊			3						0		
			12]		9			9		

^{*} Requires grade of "C" or higher.

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

Political Science, Psychology, and Sociology.

†Humanities electives can be selected from Classical Studies, Communications, Foreign Languages, History, Literature, Philosophy,

Religious Studies, Interdisciplinary.

ODirected Electives chosen in consultation with academic advisor.

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

Reviewed July 2021

 $[\]hfill \square$ Must be taken within first year of enrollment.

^{**}Social Science electives can be selected from Anthropology, Criminal Justice, Economics, Geography, International Studies, Interdisciplinary,