

# CONSTRUCTION ENGINEERING TECHNOLOGY LOUISIANA TECH UNIVERSITY

*Revised Spring 2011*

Name \_\_\_\_\_

Date \_\_\_\_\_

Student ID \_\_\_\_\_

Email \_\_\_\_\_

COURSE	PREREQUISITE	SH	SCHED	GRADE
ACCT 201		3		
BISC 101		3		
BLAW 255		3		
CHEM 120		3		
CVEN 254	MATH 112 or 240	3	F, Sp	
357	CVEN 254	2	F	
436	CVTE 100; INEN 300 or ENGR 122	3	F	
437	CVEN 439	3	W	
438	CVTE 100; CVEN 254	3	W	
439	CVTE 100; INEN 300 or ENGR 122	2	F	
CVTE 100	MATH 112	3	Sp	*
210	MEMT 206	3	Sp	
255	CVEN 254	3	W	
372	MEMT 206; MATH 220	3	F	
373	MEMT 206; ENGL 303	3	W	
471	CVTE 372	3	W	
473	CVTE 372	3	Sp	
475	MEMT 206	3	F	
493	CVTE 475; CVEN 436, 438, 439	3	Sp	
ECON 215		3		
ENGL 101		3		
102	ENGL 101	3		
210, 211, or 212	ENGL 102	3		
303	ENGL 102	3		
INEN 300		2		
MATH 101 or 100		3		*
112	MATH 101 or 100	3		*
220	MATH 112	3	W, Sp	
MEMT 206	PHYS 209	3	W	
MGMT 310	Junior Standing	3		
PHYS 209	MATH 112	3		
210	PHYS 209	3		
SPCH 110 or 377		3		
STAT 200	MATH 101	3		
<b>ELECTIVES</b>				
ART (ART 290, MUGN 290, SPTH 290, or KINE 280)		3		
HIST _____	See note 5	3		
Social Science	See notes 1 and 5	3		
Social Science		3		
Directed Elective	See note 2	3		
Directed Elective		3		
Business or Management Elective		3		
<b>TOTAL SEMESTER HOURS</b>		<b>120</b>		

SUBSTITUTIONS	APPR	SH	GRADE
1			
2			
3			
4			
5			
6			
7			

ADDITIONAL COURSES	SH	GRADE

NOTES
<p>* Requires grade of "C" or better.</p> <p>1 Social Science electives must include at least two disciplines, selected from Economics, Geography, Political Science, Psychology, or Sociology.</p> <p>2 Directed electives must be selected in consultation with students advisor.</p> <p>3 Substitutions must be initialed by Program Chair. Put substitution number in the "grade" blank of the course being replaced.</p> <p>4 A student must have a minimum 2.0 grade point average in all hours pursued in courses designated as CVEN, MEMT, and CVTE.</p> <p>5 All students must complete an International Education Requirement. HIST 102, GEOG 205, and GEOG 210 are acceptable for this requirement.</p> <p>Comments: _____</p> <p>_____</p> <p>_____</p> <p>_____</p>

Advisor's Name \_\_\_\_\_

# CONSTRUCTION ENGINEERING TECHNOLOGY LOUISIANA TECH UNIVERSITY

Name \_\_\_\_\_

Date \_\_\_\_\_

Student ID \_\_\_\_\_

Email \_\_\_\_\_

FRESHMAN YEAR										
Fall Quarter			Winter Quarter			Spring Quarter				
	Cr	Gr		Cr	Gr		Cr	Gr		
MATH 101* or 100* <u>College Algebra</u>	3		MATH 112* <u>Trigonometry</u>	3		PHYS 209 <u>General Physics I</u>	3			
BISC 101 <u>Fundamentals of Biology</u>	3		ENGL 102 <u>Freshmen Composition II</u>	3		CVEN 254 <u>Plane Surveying</u>	3			
ENGL 101 <u>Freshmen Composition I</u>	3		Social Science ***	3		<b>CVTE 100*</b> <u>Introduction to Construction</u>	3			
UNIV 100 <u>University Seminar</u>	1		ART† <u>Fine Arts Appreciation</u>	3						
	10			12			9			

SOPHOMORE YEAR										
Fall Quarter			Winter Quarter			Spring Quarter				
	Cr	Gr		Cr	Gr		Cr	Gr		
<b>CVEN 357</b> <u>Engr and Construction Surveying</u>	2		<b>CVTE 255</b> <u>Comp Applications in Surveying</u>	3		<b>CVTE 210</b> <u>Basic Hydraulics</u>	3			
PHYS 210 <u>General Physics II</u>	3		<b>MEMT 206*</b> <u>Statics and Strengths of Materials</u>	3		BLAW 255 <u>Legal Environment of Business</u>	3			
INEN 300 <u>Engineering Economics</u>	2		MATH 220 <u>Applied Calculus</u>	3		ENGL 303 <u>Technical Writing</u>	3			
CHEM 120 <u>Intro to Inorganic Chemistry</u>	3					STAT 200 <u>Basic Statistics</u>	3			
	10			9			12			

JUNIOR YEAR										
Fall Quarter			Winter Quarter			Spring Quarter				
	Cr	Gr		Cr	Gr		Cr	Gr		
<b>CVTE 372</b> <u>Structural Mech and Analysis</u>	3		<b>CVTE 373</b> <u>Construction Materials</u>	3		<b>CVTE 473</b> <u>Design of Structures</u>	3			
<b>CVEN 439</b> <u>Const Planning, Contracts, Specs</u>	2		<b>CVEN 437</b> <u>Contracts and Specifications</u>	3		ACCT 201 <u>Principles of Accounting</u>	3			
<b>CVEN 436</b> <u>Const Equipment and Methods</u>	3		<b>CVEN 438</b> <u>Estimating</u>	3		ECON 215 <u>Economics</u>	3			
Social Science ***	3									
	11			9			9			

SENIOR YEAR										
Fall Quarter			Winter Quarter			Spring Quarter				
	Cr	Gr		Cr	Gr		Cr	Gr		
<b>CVTE 475</b> <u>Soils in Construction</u>	3		<b>CVTE 471</b> <u>Reinforced Concrete</u>	3		<b>CVTE 493</b> <u>Capstone for Construction Proj</u>	3			
MGMT 310 <u>Management of Organizations</u>	3		Elective <u>Business or Management course</u>	3		SPCH 377 <u>Professional Speaking</u>	3			
Directed Elective**	3		Directed Elective**	3		ENGL 210, 211 or 212 <u>Literature</u>	3			
HIST ____ ***	3									
	12			9			9			

\* Grade of C or higher required before taking a course for which this one is a prerequisite.

\*\* Directed electives are chosen in consultation with advisor and approved by the Program Chair.

\*\*\* HIST 102, GEOG 205, or GEOG 210 count as the International Education Requirement (IER).

† ART 290, SPTH 290, MUGN 290, or KINE 280 counts as the Fine Arts Requirement.

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