

# Bachelor of Science – Construction Engineering and Management Degree Plan (checklist)

2015

Catalog: 2014-15  
Expires: 08/01/2021

Last Name \_\_\_\_\_

First Name \_\_\_\_\_

M.I. \_\_\_\_\_

UTEP ID \_\_\_\_\_

**NOTE: Overall GPA ≥ 2.0 AND In-Major GPA ≥ 2.0 REQUIRED for graduation**

A Core Curriculum (45 SCH) (minimum of "C" grade required)		Semester Completed	Final Grade	SCH	Sub #
<b>1 Communication (6 credit hours required)</b>					
RWS 1301*	Rhetoric and Composition I				
RWS 1302*	Rhetoric and Composition II				
<b>2 Mathematics (4)</b>					
MATH 1411*	Calculus I				
<b>3 Natural Science (8)</b>					
CHEM 1305*+1105*	General Chemistry				
CHEM 1306*+1106*	General Chemistry				
<b>4 Language, Philosophy, and Culture (3)</b> Circle one:					
ENGL 2311*, 2312*, 2313*, 2314*, 2318*, FREN 2322*, HIST 2301*, 2302*, PHIL 1301*, PHIL 2306*, RS 1301*, SPAN 2340*, WS 2300*, WS 2350*					
<b>5 Creative Arts (3)</b> Circle one:					
ART 1300*, ARTH 1305*, 1306*, DANC 1304*, MUSL 1321*, 1324*, 1327*, THEA 1313*, FILM 1390*					
<b>6 U.S. History (6)</b>					
HIST 1301*	History of the U.S. to 1865				
HIST 1302*	History of the U.S. since 1865				
<b>7 Government/Political Science (6)</b>					
POLS 2310*	Introduction to Politics				
POLS 2311*	American Govt. & Politics				
<b>8 Social and Behavioral Sciences (3)</b>					
CE 2326*	Econ. For Engrs & Scientists				
<b>9 Component Area Option (6)</b>					
COMM 1301*	Public Speaking				
UNIV 1301* <sup>1</sup>	Fresh.Sem: Foundations of Engineering				

B Foundational Math & Science (10 SCH)		Semester Completed	Final Grade	SCH	Sub #
MATH 1312*	Calculus II				
MATH 2313*	Calculus III				
PHYS 2420*	Introduction to Mechanics				

C Major: Required Lower Division Courses (20 SCH)		Semester Completed	Final Grade	SCH	Sub #
CE 1205*	Graphic Fundamentals in Engineering Design				
CE 2315*	Statics				
CE 2334*	Mechanics of Materials				
CE 2377*	Electro Mechanical Systems (IE 2377)				
CE 2375*	Introduction to Thermal-Fluid Science				
COMM 1302*	Business/Profession.Comm				
ACCT 2301*	Principles of Accounting				

D Major: Required Upper Division Courses (45 SCH)		Semester Completed	Final Grade	SCH	Sub #
CE 3313	Engineering Measurements				
CE 3335	Geological Engineering <sup>3</sup> (GEOL 3321)				
CE 3336	Civil Engineering Materials				
CE 3343	Structural Analysis I				
BLAW 3301	Legal Environment of Business				
MGNT 3303	Introduction to Management				
FIN 3310	Business Finance				
CE 4334	Construction Management I				
CE 4348	Geotechnical Engineering				
CE 4354	Electrical and Mechanical Construction				
CE 4382	Construction Cost Analysis and Bidding				
CE 4385	Construction Internship				
CE 4386	Construction Law and Ethics				
CE 4387	Construction Scheduling				
CE 4389	Construction Safety				

**NOTES:**

\*-- Grade of "C" or better required

1-- If student is not a Freshman, please see complete list of choices

<b>BSCM Total Hours</b>	<b>120</b>
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APPROVALS:	
ADVISOR _____	DATE _____
CHAIR _____	DATE _____