

# UTSA Engineering

## CIVIL ENGINEERING RECOMMENDED PROGRAM OF STUDY 2016-2017 UNDERGRADUATE CATALOG

Updated: 3/30/16

SEMESTER I				SEMESTER II				
CE	1301	Intro to CE	1	EGR	1403	Technical Communication	3	
CE	2103	CE Measurements	3	MAT	1224	Calculus II	4	
CHE	1103	General Chemistry	3	PHY	1943	Physics for Sci. & Engineers I	3	
MAT	1214	Calculus I	4	PHY	1951	Physics for Sci. & Engineers I Lab	1	
WRC	1013	Freshman Composition I	3	WRC	1023	Freshman Composition II	3	
AIS	1203	Academic Inquiry(core*)	3	CS	1173	Data Analysis and Visual Matlab(core*)	3	
Semester Total			17	Semester Total			17	
SEMESTER III				SEMESTER IV				
EGR	2103	Statics	3	CE	2633	Environmental Engineering	3	
EGR	2323	Applied Engineering Analysis I	3	CE	3103	Mechanics of Solids	3	
PHY	1963	Physics for Sci. & Engineers II	3	CE	3173	Numerical Analysis	3	
PHY	1971	Physics for Sci. & Engineers II Lab	1	EGR	2513	Dynamics	3	
STA	2303	Applied Probability/Statistics of Engr.	3	CORE*		Economics (2013, 2023)	3	
CORE*		American History	3	CORE*		Lang., Philosophy & Culture	3	
Semester Total			16	Semester Total			18	
SEMESTER V				SEMESTER VI				
CE	3113	Structural Analysis	3	CE	3213	Reinforced Concrete Design	3	
CE	3233	Steel Design	3	CE	3413	Geotechnical Engr & Appl	3	
CE	3243	Prop/Behavior of Engr Mat'ls	3	CE	4633	Water & Wastewater Treatment	3	
CE	3603	Fluid Mechanics	3	GEO	4023	Engineering Geology	3	
EGR	3713	EGR Economic Analysis	3	CORE*	1013	Government/ Political Science (Texas)	3	
CORE*		American History	3					
Semester Total			18	Semester Total			15	
SEMESTER VII				SEMESTER VIII				
CE	4543	Proj. Design and Const. Management	3	CE	4813	CE Engineering Design	3	
CE	4123	Highway Engineering	3	CE		Technical Elective	3	
CE	4313	Computer Aided Design in CE	3	CE		Technical Elective	3	
CE	4603	Water Resources Engineering	3	CORE*		Creative Arts	3	
CORE*		Government/Political Science	3					
Semester Total			15	Semester Total			12	
							<b>Total Required Degree Hours</b>	<b>128</b>

### GRADUATION REQUIREMENTS

FE Exam: \_\_\_\_\_

Q Course Requirement: \_\_\_\_\_

ALL UNDERGRADUATE STUDENTS WILL BE REQUIRED TO SEE AN ADVISOR WHEN YOU HAVE REACHED  
45 AND 90 HOUR