UTSA
2008-2010 Undergraduate Catalog
http://www.utsa.edu

Any courses that can be taken **concurrently** if credit has not already been earned **are shown in parentheses.**
NOTE: Prerequisites for CE, EE, ME, and EGR courses must be completed with a grade of "C" or better.
A minimum grade of "C" is required for all science and mathematics courses required in the Engineering programs.
Transfer students must request a transfer evaluation from the undergraduate advisors during their first semester. A grade of "D" may not be transferred into major work requirements. Students may not graduate with a grade of "D" in a course required for the major, unless it is considered a terminal course.

Course Number and Title (T/E = Technical Elective)		Prerequisites (credit or concurrent enrollment) ALWAYS CHECK CURRENT CATALOG	Offered
CE	1301 Intro to Civil Engineering		B
CE	1403 Engineering Communication		B
CE	2103 CE Measurements	(MAT 1214, CE 1301)	B
CE	2633 Environmental Engineering	CHE 1103, CE 1301	B
CE	3103 Mechanics of Solids	EGR 2103, EGR 2323	B
CE	3113 Structural Analysis	CE 3103	B
CE	3173 Numerical Analysis	EGR 2323	B
CE	3213 Reinforced Concrete Design	(CE 3113, CE 3243)	B
CE	3233 Steel Design	(CE 3113)	B
CE	3243 Property/Behavior or Engr Mat'ls	CE 3103, STA 2303	B
CE	3253 Intro to Masonry & Timber Design (T/E)	(CE 3113, CE 3243)	F
CE	3413 Geotechnical Engr & Applications	CE 3103, (GEO 4023, CE 3173)	B
CE	3543 Project Design and Construction Management	CE 2103, EGR 3713. Must be taken one semester prior to CE 4813	B
CE	3603 Fluid Mechanics	EGR 2103, EGR 2513	B
CE	3633 Water/Wastewater Treatment	CE 2633, (CE 3603)	B
CE	3723 Applied Hydrology (T/E)	CE 3603	S
CE	4123 Highway Engineering	STA 2303, CE 2103	B
CE	4233 Transportation Engineering (T/E)	STA 2303	S
CE	4313 Computer-Aided Design in CE	CE 1403, CE 2103	B
CE	4413 Foundation Analysis & Design (T/E)	CE 3413	F
CE	4603 Water Resources Engineering	CE 2633, CE 3603, (CE 3633)	B
CE	4653 Design of Pollution Control Systems (T/E)	CE 3633	F
CE	4723 Hydraulic Systems Design (T/E)	CE 4603	F
CE	4813 CE Design	CE 3543, CE 3213, CE 3233	B
CHE	1103 General Chemistry I	(MTC 1073), Passing score on Chemistry Placement exam OR CHE 1073 with a grade of "C" or better	B
EGR	2103 Statics	MAT 1223, PHY 1903	B
EGR	2323 Applied Engineering Analysis I	MAT 1223	B
EGR	2513 Dynamics	EGR 2103	B
EGR	3713 Engineering Economic Analysis	CE 2633	B
GEO	4023 Engineering Geology	PHY 1943 or PHY 1603 and MAT 1214, or consent of instructor	B
MAT	1214 Calculus I	MAT 1093 or equivalent or passing score on placement exam	B
MAT	1223 Calculus II	MAT 1214	B
PHY	1903 Engineering Physics I	MAT 1214 with a grade of "C" or better and (MAT 1223)	B
PHY	1911 Technical Physics I Lab	Completion of, with a grade of "C" or better, or concurrent enrollment in PHY1903.	B
PHY	1923 Engineering Physics II	PHY 1903 with a grade of "C" or better and MAT 1223 with a grade of "C" or better	B
PHY	1931 Technical Physics II Lab	Completion of PHY 1911 with a grade of "C" or better and completion of or concurrent enrollment in PHY 1923.	B
STA	2303 Applied Prob/Statistics for Engr	MAT 1223	B

F/S = offered in the Fall/Spring Semester only
B = offered in both Fall and Spring semesters
CEE Summer offerings vary by year, please consult http://engineering.utsa.edu/CE/links.html