UNIVERSITY OF HOUSTON-DOWNTOWN
BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY
MAJOR IN

STRUCTURAL ANALYSIS AND DESIGN (SAD)

Name: _____ SID: _____
Last First

Phone No: _____ Advisor: Dr Alberto Gomez-Rivas

Email: _____ Date: _____

Hours Required for graduation: **120** Number of Hours Transferred: _____

FRESHMAN

			GRD	HRS	SEM					GRD	HRS	SEM
ENG	1301	Composition I		3	ALL		ENG	1302	Composition II		3	ALL
ENGR	1302	Engr & Tech Fundamentals		3	F,S		ENGR	1400	PC Applications in Engr.		4	F,S
HIST	1305	US History to 1877		3	ALL		HIST	1306	US History after 1877		3	ALL
MATH	2401	Calculus I		4	ALL		PHYS	1307	General Physics I		3	ALL
		Social/Behavioral Science		3	ALL		PHYS	1107	General Physics Lab I		1	ALL
							EET	1411	Circuits		4	F
				16							**18**	

SOPHOMORE

			GRD	HRS	SEM					GRD	HRS	SEM
ET	3321	Soil Mechanics		3	F		ENGR	2410	Analysis of Engr. Networks		4	F,S
ENGR	2407	Surveying with GIS-GPS		4	SU		CHEM	1307	General Chemistry		3	ALL
POLS	2303	US Government I		3	ALL		CHEM	1107	General Chemistry Lab I		1	ALL
PHYS	1308	General Physics II		3	ALL		ENG	23XX	Sophomore English Lit.		3	ALL
PHYS	1108	General Physics Lab II		1	ALL		POLS	2304	US Government II		3	ALL
COMM	1304	Intro to Speech Comm		3	ALL							
				17							**14**	

TSI Complete/Exempt:	
Common Core Complete:	

JUNIOR

			GRD	HRS	SEM					GRD	HRS	SEM
ENGR	3311	Structural Analysis		3	F		ET	3322	Finite Element Analysis		3	S
ENGR	3312	Rein. & Prestressed Concrete		3	F		ET	4321	Structural Steel Design		3	S
ENGR	4420	Fire Dynamics		4	F		ENG	3302	Business Tech. Writing		3	ALL
ET	3320	Modern Concrete Tech.		3	F				Fine Arts Course		3	ALL
ENGR	4326	Struct. Dynamics & Control		4	S							
				17							**12**	

SENIOR

			GRD	HRS	SEM					GRD	HRS	SEM
ET	4324	Senior Concrete Project		3	F		ENGR	3407	Industrial Robotics		4	SU
ET	4323	Technology Seminar		3	F,S		ET	4325	Senior Steel Project		3	S
ENGR	3302	Engineering Economics		3	F		ENGR	4411	Structural Fire Safety		4	S
ET	4320	Prestressed Concrete		3	ALL		ET	4322	Foundation Design		3	ALL
				12							**14**	

(S=Spring, F=Fall, SU=Summer)

Revised February 2011