

UTSA
MECHANICAL ENGINEERING
RECOMMENDED PROGRAM OF STUDY
2006-2008 UNDERGRADUATE CATALOG

DEADLINE FOR GRADUATION:
FALL, OCT 1; SPR, FEB 15; SMR, JUN 1

FIRST YEAR							
FALL				SPRING			
CHE	1103	General Chemistry I (Domain I B)	3	ME	1402	Engineering Graphics	2
ME	1301	Intro to Engineering Design	1	MAT	1223	Calculus II	3
MAT	1214	Calculus I (Domain I A)	4	PHY	1903	Engineering Physics I (Domain I B)	3
WRC	1013	Freshman Composition I	3	PHY	1911	Technical Physics I Lab	1
CORE		Domain II B: POL 1013	3	WRC	1023	Freshman Composition II	3
CORE		Domain II A: US History	3	CORE		Domain II A: US History	3
Semester Total			17	Semester Total			15
SECOND YEAR							
FALL				SPRING			
EGR	2103	Statics	3	EE	2213	Electric Circuits & Electronics	3
MAT	2213	Calculus III	3	EGR	2503	Dynamics	3
PHY	1923	Engineering Physics II	3	EGR	2323	Applied Engineering Analysis I	3
PHY	1931	Technical Physics II Lab	1	ME	3243	Materials Engineering	3
CORE		Domain III B: Fine Arts	3	ME	3241	Materials Engineering Laboratory	1
CORE		Economics (Domain II D)	3	ME	3293	Thermodynamics I	3
Semester Total			16	Semester Total			16
THIRD YEAR							
FALL				SPRING			
EGR	3323	Applied Engineering Analysis II	3	ME	3663	Fluid Mechanics	3
ME	3113	Measurements & Instrumentation	3	ME	3823	Machine Element Design	3
ME	3323	Mechanical Vibration	3	ME	4293	Thermodynamics II	3
ME	3513	Mechanism Design	3	ME	4523	Dynamic Systems & Control	3
ME	3173	Numerical Methods	3	ME	4702	Mech Systems & Control Lab	2
ME	3813	Mechanics of Solids	3	Major Work		Approved Math/Science Elective	3
Semester Total			18	Semester Total			17
FOURTH YEAR							
FALL				SPRING			
ME	4313	Heat Transfer	3	ME	4813	Senior Design II	3
ME	4802	Thermal & Fluid Laboratory	2	ME		Technical Elective	3
ME	4811	Senior Design I	1	ME		Technical Elective	3
ME		Technical Elective	3	CORE		Domain II C: Soc/Beh Science	3
CORE		Domain II B: Political Studies	3	CORE		Domain IV: World Society & Issues	3
CORE		Domain III A: Literature	3				
Semester Total			15	Semester Total			15
						Total Required Degree Hours	129

ALL UNDERGRADUATE ENGINEERING STUDENTS AT THE SOPHOMORE LEVEL AND ABOVE
MUST SEE A FACULTY ADVISOR EVERY FALL AND SPRING PRIOR TO REGISTRATION