

UTSA

MECHANICAL ENGINEERING RECOMMENDED PROGRAM OF STUDY 2014-2015 UNDERGRADUATE CATALOG

Updated: 4/21/14

SEMESTER I				SEMESTER II				
CHE	1103	General Chemistry	3	MAT	1224	Calculus II	4	
MAT	1214	Calculus I	4	ME	1402	ME Practice & Graphics	2	
ME	1302	Intro. to Mechanical Engineering	2	PHY	1943	Physics for SCI/EGR I	3	
WRC	1013	Freshman Composition I	3	PHY	1951	Physics for SCI/EGR I Lab	1	
AIS	1203	Academic Inquiry & Scholarship	3	WRC	1023	Freshman Composition II	3	
				EGR	1403	Technical Communication	3	
Semester Total			15	Semester Total			16	
SEMESTER III				SEMESTER IV				
EGR	2103	Statics	3	EGR	2513	Dynamics	3	
EGR	2323	Applied Engineering Analysis I	3	EGR	3323	Applied Engineering Analysis II	3	
ME	2173	Numerical Methods	3	ME	3244	Materials Engineering & Lab	4	
PHY	1963	Physics for SCI/EGR II	3	ME	3293	Thermodynamics I	3	
PHY	1971	Physics for SCI/EGR II Lab	1	CORE		American History	3	
CORE		American History	3					
Semester Total			16	Semester Total			16	
SEMESTER V				SEMESTER VI				
EE	2213	Electric Circuits & Electronics	3	ME	3113	Measurements & Instrumentation	3	
ME	3263	Manufacturing Engineering	3	ME	3543	Dynamic Systems & Control	3	
ME	3663	Fluid Mechanics	3	ME	3823	Machine Element Design	3	
ME	3813	Mechanics of Solids	3	ME	4293	Thermodynamics II	3	
POL	1013	American Politics	3	POL	1133	Texas Politics	3	
		Math/Science Elective	3	CORE*		Creative Arts	3	
Semester Total			18	Semester Total			18	
SEMESTER VII				SEMESTER VIII				
ME	4543	Mechatronics	3	ME	4813	Design II	3	
ME	4733	Mechanical Engineering Lab	3	ME		Technical Elective	3	
ME	4812	Senior Design I	2	ME		Technical Elective	3	
ME	4313	Heat Transfer	3	CORE		Social & Behavioral Sciences	3	
ME		Technical Elective	3	CORE		Lang, Phil, & Culture	3	
Semester Total			14	Semester Total			15	
							Total Required Degree Hours	128

Student must meet with an Advisor at 45 and 90 Hours.

DEADLINES TO APPLY FOR GRADUATION:

FALL: April 15 -- SPRING: November 15 -- SUMMER: February 15

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