

UTSA Engineering

MECHANICAL ENGINEERING

RECOMMENDED PROGRAM OF STUDY

2016-2017 UNDERGRADUATE CATALOG

Updated: 03/15/16

SEMESTER I				SEMESTER II			
AIS	1203	Academic Inquiry & Scholarship	3	MAT/EGR	1224/1324	Calculus II	4
CHE	1103	General Chemistry I	3	PHY	1943	Physics for SCI/EGR I	3
MAT	1214	Calculus I	4	PHY	1951	Physics for SCI/EGR I Lab	1
ME	1403	ME Practice & Graphics	3	POL	1013	Intro to American Politics (Core)	3
WRC	1013	Freshman Composition I	3	CORE		American History	3
				WRC	1023	Freshman Composition II	3
Semester Total			16	Semester Total			17
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
PHY	1963	Physics for SCI/EGR II	3	ME	2173	Numerical Methods	3
PHY	1971	Physics for SCI/EGR II Lab	1	ME	3244	Materials Engineering & Lab	4
EGR	1403	Tech. Comm. (or other Core options)	3	ME	3293	Thermodynamics I	3
		Math/Science Elective	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 I	3
ME	3813	Mechanics of Solids	3	ME	4313	Heat Transfer	3
ME	4293	Thermodynamics II	3	CORE*		Creative Arts	3
CORE		Lang, Phil, & Culture	3				
Semester Total			18	Semester Total			15
SEMESTER VII				SEMESTER VIII			
ME	4543	Mechatronics	3	ME	4813	Senior Design II	3
ME	4733	Mechanical Engineering Lab	3	ME		Technical Elective	3
ME	4803	Senior Design I	3	ME		Technical Elective	3
POL	1133/1213	Texas Politics	3	CORE		American History	3
ME		Technical Elective	3	CORE		Social & Behavioral Sciences	3
Semester Total			15	Semester Total			15
Total Required Degree Hours							128

All undergraduate students are required to meet with an Academic Advisor when they have completed 45 and 90 Hours

DEADLINE TO APPLY FOR GRADUATION: Fall: July 15th

Spring: November 15th

Summer: February 15th