

# UTSA

## MECHANICAL ENGINEERING RECOMMENDED PROGRAM OF STUDY 2015-2016 UNDERGRADUATE CATALOG

Updated: 06/10/15

<b>SEMESTER I</b>				<b>SEMESTER II</b>			
AIS	1203	Academic Inquiry & Scholarship	3	MAT	1224	Calculus II	4
CHE	1103	General Chemistry I	3	ME	1402	ME Practice & Graphics	2
MAT	1214	Calculus I	4	WRC	1023	Freshman Composition II	3
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
				<b>CORE</b>		American History	3
Semester Total			15	Semester Total			16
<b>SEMESTER III</b>				<b>SEMESTER IV</b>			
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
<b>SEMESTER V</b>				<b>SEMESTER VI</b>			
EE	2213	Electric Circuits & Electronics	3	ME	3113	Measurements & Instrumentation	3
ME	3543	Dynamic Systems & Control	3	ME	3263	Manufacturing Engineering	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	POL	1013	Intro to American Politics	3
<b>CORE</b>		Lang, Phil, & Culture	3	<b>CORE*</b>		Creative Arts	3
Semester Total			18	Semester Total			18
<b>SEMESTER VII</b>				<b>SEMESTER VIII</b>			
ME	4543	Mechatronics	3	ME	4813	Senior Design II	3
ME	4733	Mechanical Engineering Lab	3	ME		Technical Elective	3
ME	4812	Senior Design I	2	ME		Technical Elective	3
POL	1133	Texas Politics	3	<b>CORE</b>		American History	3
ME		Technical Elective	3	<b>CORE</b>		Social & Behavioral Sciences	3
Semester Total			14	Semester Total			15
<b>Total Required Degree Hours</b>							<b>128</b>

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 15<sup>th</sup>

Spring: November 15<sup>th</sup>

Summer: February 15<sup>th</sup>