

**LAMAR UNIVERSITY - BEAUMONT**  
**B. S. in MECHANICAL ENGINEERING (126 Hours)**  
**2014-2015**

**Name:** \_\_\_\_\_  
**L#:** \_\_\_\_\_  
**Advisor:** \_\_\_\_\_

**Street:** \_\_\_\_\_  
**City,State,Zip:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_

**FALL**

	CR	GRADE			
ENGL 1301 English Composition I	3				
MATH 2413 Calculus & Analytic Geo. I	4				
CHEM 1311 - Chemistry I	3				
CHEM 1111 - Chemistry I Lab	1				
History I <sup>3</sup>	3				
Creative Arts Elective <sup>4</sup>	3				
<b>TOTAL</b>	<b>17</b>				

**FIRST YEAR**

	CR	GRADE			
MATH 2414 Calculus & Analytic Geo. II	4				
PHYS 2425 Physics I	4				
History II <sup>3</sup>	3				
PHIL 2306 Ethics <sup>1</sup>	3				
Communication Elective <sup>2</sup>	3				
<b>TOTAL</b>	<b>17</b>				

**SPRING**

**SECOND YEAR**

	CR	GRADE			
MATH 3435 Calculus & Analytic Geo. III	4				
PHYS 2426 Physics II	4				
CVEN 2301 Statics	3				
INEN 2373 Engineering Economics <sup>5</sup>	3				
MATH 3328 Linear Algebra	3				
<b>TOTAL</b>	<b>17</b>				

	CR	GRADE			
MATH 3301 Ordinary Diff. Equations	3				
MEEN 2302 Dynamics	3				
ELEN 2310 Fund. of Elec. Engr. & Appls.	3				
CVEN 2372 Mechanics of Solids	3				
MEEN 2374 Thermodynamics I	3				
<b>TOTAL</b>	<b>15</b>				

**THIRD YEAR**

	CR	GRADE			
MEEN 3340 Engineering Analysis	3				
MEEN 3311 Fluid Mechanics	3				
MEEN 3380 Thermodynamics II	3				
INEN 3322 Process Engineering	3				
POLS 2301 American Gov't. I	3				
<b>TOTAL</b>	<b>15</b>				

	CR	GRADE			
MEEN 3210 Measurements Lab	2				
MEEN 3310 Heat Transfer	3				
MEEN 3300 Design of Mechanisms	3				
MEEN 3320 Mechanical Design I	3				
MEEN 3350 CAE	3				
POLS 2302 American Gov't. II	3				
<b>TOTAL</b>	<b>17</b>				

**FOURTH YEAR**

	CR	GRADE			
MEEN 4110 Seminar	1				
MEEN 4310 Integrated Systems Design	3				
MEEN 4313 Thermal System Design	3				
MEEN 4319 Materials Science	3				
MEEN 4323 Mechanical Design II	3				
MEEN Elective	3				
<b>TOTAL</b>	<b>16</b>				

	CR	GRADE			
MEEN 4316 Engineering Design Project	3				
MEEN 4317 Dynamic Systems Analysis	3				
MEEN Elective	3				
INEN 4320 or MATH 3370 Statistics <sup>6</sup>	3				
<b>TOTAL</b>	<b>12</b>				

**Notes:**

All STEM courses require a grade of "C" or better to satisfy degree plan/prerequisite requirements.

(1) or PHIL 1370 Philosophy of Knowledge

(2) Communication electives are: COMM 1315, COMM 1321, DSDE 1371(ASL 1), FREN 1311, or SPAN 1311

(3) Two semesters of US or Texas History from: HIST 1301, 1302, or 2301

(4) Creative Arts electives are: ARTS 1301, ARTS 1303, DANC 2304, MUSI 1306, COMM 1375, OR PHIL 1330

(5) Social and Behavioral Sciences elective is INEN 2373 Engineering Economics

(6) INEN 4320 or MATH 3370 or another calculus-based probability and statistics course approved by the MEEN Chair.