

**LAMAR UNIVERSITY - BEAUMONT**  
**B. S. in INDUSTRIAL ENGINEERING (130 Hours) ABET**  
**PROGRAM OF STUDY**

This form applies to students entering Lamar University after July, 2006

Supercedes the 2006-2008 catalog.

**Name:** \_\_\_\_\_  
**SSN:** \_\_\_\_\_  
**Advisor: Dr. Brian Craig**

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

**FALL**

**SPRING**

**FIRST YEAR**

	CR	GRADE			
INEN 1101 Intro to Engineering	1				
CHEM 1411 Chemistry I	4				
ENGL 1301 English Composition 1	3				
MATH 2413 Calculus & Analytic Geo. I	4				
PHIL 1370 Philosophy of Knowledge	3				
PEGA	1				
<b>TOTAL</b>	<b>16</b>				

	CR	GRADE			
INEN 2360 Comp. Appl. In IE	3				
ELEN 1301 Intro to Computers	3				
ENGL 1302/1374 English Composition	3				
MATH 2414 Calculus & Analytic Geo. II	4				
PHYS 2425 Physics I	4				
<b>TOTAL</b>	<b>17</b>				

**SECOND YEAR**

INEN 2273 Engineering Economics	2				
INEN 3320 Probability & Stat for Engr	3				
CVEN 2301 Statics	3				
<b>MATH 2318 Linear Algebra</b>	<b>3</b>				
PHYS 2426 Physics II	4				
<b>TOTAL</b>	<b>15</b>				

INEN 3380 Work Design	3				
INEN 4320 Stat Decision Making for Engr	3				
<b>ELEN 2310 Fundamentals of EE</b>	<b>3</b>				
<b>MATH 3301 Diff. Eq.</b>	<b>3</b>				
MEEN 2302 Dynamics	3				
<b>TOTAL</b>	<b>15</b>				

**THIRD YEAR**

INEN 3322 Engr. Matls. & Procs.	3				
INEN 4315 Industrial Management	3				
INEN 4350 Production & Inventory Control	3				
INEN 4300 Quality Improvement	3				
ECON 1301 Social Science Elective (2)	3				
HIST(1301-1377) History 1	3				
<b>TOTAL</b>	<b>18</b>				

INEN 4316 Industrial and Product Safety	3				
INEN 4345 Computer Int. Manufacturing	3				
INEN 4370 Operations Research	3				
CHEM 1412 - Lab Science Elective(1)	4				
HIST(1301-2377) History 2	3				
<b>TOTAL</b>	<b>16</b>				

**FOURTH YEAR**

ENGL (2322-2377) English Literature (5)	3				
INEN 4312 IE Systems Design	3				
INEN 4375 Simulation of IE Sys.	3				
INEN/TECH Elective (3)	3				
POLS 2301 American Gov't. I	3				
<b>COMM-1315,1360,2335,2373,3310,3340(4)</b>	<b>3</b>				
<b>TOTAL</b>	<b>18</b>				

INEN 4385 IE Design	3				
INEN/TECH Elective (3)	3				
<b>INEN/TECH Elective (3)</b>	<b>3</b>				
Fine Arts Elective (6)	3				
POLS 2302 American Gov't. II	3				
<b>TOTAL</b>	<b>15</b>				

Notes: (1) CHEM 1412 or another course approved by the INEN Chair.

(2) Social Science Electives are: ECON 1301, PSYC 2301, SOCI 1301, ANTH 2346, or ANTH 2351.

(3) A 3000 or 4000 level course approved by INEN advisor.

(4) Or CDMS 2375 (American Sign Language) or Modern Language.

(5) Any ENGL 2322-2377 will satisfy this requirement.

(6) Fine Arts Electives are: ARTS 1301, DANC 2304, HUMA 1315, MUSI 1306, or THEA 1310.