

**INDUSTRIAL ENGINEERING
LOUISIANA TECH UNIVERSITY**

Name _____

Date _____

Student ID _____

Email _____

COURSE	PREREQUISITE	SH	SCHED	GRADE
INEN 101	NONE	3	Sp	_____
300	NONE	2	F	_____
301	NONE	2	Sp	_____
400	MATH 242	3	F	_____
401	INEN 400	3	W	_____
402	INEN 400 (Co-req), Math 240-242 GPA ≥ 2.0	3	F	_____
404	INEN 400, 402	3	W	_____
405	NONE	3	Sp	_____
407	INEN 400, 404	3	F	_____
408	INEN 410 (Co-req), INEN 300	3	F	_____
409	INEN 400	3	W	_____
410	INEN 408 (Co-req)	3	F	_____
413	NONE	3	Sp	_____
414	INEN 400	3	Sp	_____
415	INEN 101	2	W	_____
421	INEN 300, 301, 404, 405, 407, 409	1	F	_____
422	INEN 421	1	W	_____
423	INEN 422	1	Sp	_____
424	NONE	1	F	_____
CHEM 100	MATH 240 (Co-req)	2	_____	* _____
101	CHEM 100	2	_____	* _____
103	CHEM 101 (Co-req)	1	_____	* _____
ENGL 101	NONE	3	_____	_____
102	ENGL 101	3	_____	_____
201 or 202	ENGL 102	3	_____	_____
303	ENGL 102	3	_____	_____
463	ENGL 303	3	_____	_____
ENGR 120	MATH 240 (Co-req), CHEM 100 (Co-req)	2	_____	* _____
121	ENGR 120, MATH 241 (Co-req), CHEM 101 (Co-req)	2	_____	* _____
122	ENGR 121, MATH 242 (Co-req), PHYS 201 (Co-req)	2	_____	* _____
220	ENGR 122, PHYS 201, MATH 242	3	_____	_____
221	MATH 243	3	_____	_____
222	MATH 242	3	_____	_____
MEMT 201	ENGR 122, PHYS 201	2	_____	_____
MEEN 215	NONE	1	_____	_____
321	MEMT 201	2	_____	_____
MATH 240	MATH 101 (OR BY PLACEMENT)	3	_____	* _____
241	MATH 240	3	_____	* _____
242	MATH 241	3	_____	* _____
243	MATH 242	3	_____	* _____
244	MATH 243	3	_____	* _____
245	MATH 244	3	_____	_____
PHYS 201	ENGR 122 (Co-req), MATH 242 (Co-req)	3	_____	* _____
PHYS 202 or CHEM 102 & 104)	PHYS 201	3	_____	_____
ELECTIVES				
ART (ART 290, MUGN 290, SPTH 290, HES 280)	_____	3	_____	_____
HIST	_____	3	_____	_____
BISC 101	_____	3	_____	_____
Social Science	_____	3	_____	_____
Social Science	_____	3	_____	_____
Social Science	_____	3	_____	_____
INEN Technical Elective	_____	3	_____	_____
INEN Technical Elective	_____	3	_____	_____
TOTAL SEMESTER HOURS		134		

SUBSTITUTIONS	APPR	SH	GRADE
1 _____	_____	_____	_____
2 _____	_____	_____	_____
3 _____	_____	_____	_____
4 _____	_____	_____	_____
5 _____	_____	_____	_____
6 _____	_____	_____	_____
7 _____	_____	_____	_____

ADDITIONAL COURSES	SH	GRADE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

NOTES
* Requires grade of "C" or better.
1 Social Science electives must include at least two disciplines selected from Economics, Geography, Political Science, Psychology, or Sociology.
2 Technical electives must be selected in consultation with student's advisor.
3 Substitutions must be initialed by Program Chair. Put substitution number in the "grade" blank of the course being replaced.
4 In order to graduate, student must have a minimum 2.0 grade point average on all hours pursued in courses designated as INEN (Industrial Engineering).
5 HIST 102, GEOG 205, or GEOG 210 counts as the International Education Requirement.
Comments: _____

Advisor's Name _____

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FRESHMAN YEAR (33 sch)										
Fall Quarter			Winter Quarter			Spring Quarter				
		Cr	Gr			Cr	Gr			
ENGR 120*	Engr Problem Solving I	2		ENGR 121*	Engr Problem Solving II	2		ENGR 122*	Engr Problem Solving III	2
MATH 240*	Math for Engr & Science I	3		MATH 241*	Math for Engr & Science II	3		MATH 242*	Math for Engr & Science III	3
CHEM 100*	General Chemistry	2		CHEM 101	General Chemistry	2		PHYS 201*	Physics for Engr & Science I	3
UNIV 100	University Seminar	1		CHEM 103	General Chemistry Lab	1		INEN 101	Computers in Engineering	3
ENGL 101	Freshman Composition I	3		ENGL 102	Freshman Composition II	3				
		11				11				11

SOPHOMORE YEAR (34 sch)										
Fall Quarter			Winter Quarter			Spring Quarter				
		Cr	Gr			Cr	Gr			
ENGR 220	Statics & Mechs of Materials	3		ENGR 221	Electrical Engr & Circuits I	3		ENGR 222	Thermodynamics	3
MATH 243*	Math for Engr & Science IV	3		MATH 244*	Math for Engr & Science V	3		MATH 245	Math for Engr & Science VI	3
INEN 300	Engineering Economics	2		INEN 301	Industrial Cost Analysis	2		Social Science†		3
MEEN 215	Engineering Materials Lab	1		BISC 101	Fundamentals of Biology	3		PHYS 202 or	Physics for Engr & Science II	3
MEMT 201	Engineering Materials	2						CHEM 102/104	General Chemistry	3
		11				11				12

JUNIOR YEAR (35 sch)										
Fall Quarter			Winter Quarter			Spring Quarter				
		Cr	Gr			Cr	Gr			
INEN 400	Engineering Statistics I	3		INEN 401	Engineering Statistics II	3		INEN 405	Industrial Scheduling	3
INEN 402	Intro to Operations Research	3		INEN 404	Operations Research	3		INEN 413	Robotics & Manufacturing	3
INEN 407	Simulation	3		INEN 409	Work Design	3		ENGL 463	Scientific/Tech Present	3
ENGL 303	Technical Writing	3		MEEN 321	Manufacturing Processes	2		INEN 414	Industrial Ergonomics	3
		12				11				12

SENIOR YEAR (33 sch)										
Fall Quarter			Winter Quarter			Spring Quarter				
		Cr	Gr			Cr	Gr			
INEN 408	Manufact Facilities Planning	3		INEN 415	Computer-Aided Design	2		INEN 423	Capstone Design III	1
INEN 410	Manufact Systems Mgmt	3		INEN 422	Capstone Design II	1		Technical Elective**		3
INEN 421	Capstone Design I	1		Technical Elective**		3		ENGL 201 or 202	Literature	3
INEN 424	Seminar	1		ART‡	Fine Arts Appreciation	3		Social Science†		3
HIST ____†		3		Social Science†		3				
		11				12				10

Courses in bold-face taught only once a year.

* Grade of C or higher required

** Technical or directed electives must be approved by the Program Chair.

† HIST 102, GEOG 205, or GEOG 210 counts as the International Education Requirement.

‡ ART 290, SPTH 290, MUGN 290, or HPE 280 counts as the Fine Arts Requirement.