

**MECHANICAL ENGINEERING  
LOUISIANA TECH UNIVERSITY**

Name \_\_\_\_\_

Date \_\_\_\_\_

SSN \_\_\_\_\_

Email \_\_\_\_\_

COURSE	PREREQUISITE	SH	SCHED	GRADE
MEEN 215	MEMT 201 (Co-req)	1	F	_____
292	MATH 245 (Co-req)	3	Sp	_____
321	MEMT 201, MEEN 351	2	Sp	_____
334	ENGR 222	2	F	_____
351	MATH 244	2	W	_____
353	MEEN 292, MEEN 334, ENGR 222	3	Sp	_____
361	MEMT 211, 312	3	Sp	_____
363	MEMT 312	3	W	_____
371	MEEN 292, MEMT 312, ENGR 222 (Co-req)	3	F	_____
382	ENGR 221	2	F	_____
400	Senior Standing	1	F	_____
451	MEEN 353, MEMT 313	3	F	_____
465	MEEN 292, 361	2	F	_____
480	MEEN 215, 321, 451, 465, ENGL 463, INEN 300	1	F	_____
481	MEEN 480	1	W	_____
482	MEEN 481			_____
486	ENGL 463, MEEN 353, 361, 382, MEMT 313	1	Sp	_____
CHEM 100	ENGR 120 (Co-req), 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 242	3		* _____
222	MATH 242	3		* _____
INEN 300		2		_____
MEMT 201	Sophomore standing	2		* _____
211	ENGR 220	2		* _____
312	ENGR 220, PHYS 201	2		* _____
313	ENGR 220, MATH 242	3		* _____
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	MATH 242 (Co-req)	3		* _____
(PHYS 202 or CHEM 102 & 104)	PHYS 201 or CHEM 101 & CHEM 103	3		_____
<b>ELECTIVES</b>				
ART (ART 290, MUGN 290, SPTH 290, or HES 280)	_____	3		_____
HIST	_____	3		_____
BISC 101	_____	3		_____
Social Science	<b>(ECON 215 REQUIRED)</b>	3		_____
Social Science	_____	3		_____
Social Science	_____	3		_____
MEEN Technical Elective	_____	3		_____
MEEN Technical Elective	_____	3		_____
<b>TOTAL SEMESTER HOURS</b>		<b>128</b>		

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

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 students 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 MEEN (Mechanical Engineering), ENGR 220, 222, & MEMT (Mechanics and Materials).

Comments: \_\_\_\_\_

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Advisor's Name \_\_\_\_\_

# MECHANICAL ENGINEERING LOUISIANA TECH UNIVERSITY

Name \_\_\_\_\_

Date \_\_\_\_\_

Student Number \_\_\_\_\_

Email \_\_\_\_\_

FRESHMAN YEAR (33 sch)											
Fall Quarter		Cr	Gr	Winter Quarter		Cr	Gr	Spring Quarter		Cr	Gr
ENGR 120*	<u>Engr Problem Solving I</u>	2		ENGR 121*	<u>Engr Problem Solving II</u>	2		ENGR 122*	<u>Engr Problem Solving III</u>	2	
MATH 240*	<u>Math for Engr &amp; Science I</u>	3		MATH 241*	<u>Math for Engr &amp; Science II</u>	3		MATH 242*	<u>Math for Engr &amp; Sci. III</u>	3	
CHEM 100*	<u>General Chemistry</u>	2		CHEM 101*	<u>General Chemistry</u>	2		PHYS 201*	<u>Physics for Engr &amp; Sci. I</u>	3	
UNIV 100	<u>University Seminar</u>	1		CHEM 103*	<u>General Chemistry Lab</u>	1		BISC 101	<u>Fundamentals of Biology</u>	3	
ENGL 101	<u>Freshmen Composition I</u>	3		ENGL 102	<u>Freshmen Composition II</u>	3					
		11				11				11	

SOPHOMORE YEAR (35 sch)											
Fall Quarter		Cr	Gr	Winter Quarter		Cr	Gr	Spring Quarter		Cr	Gr
ENGR 220*	<u>Statics &amp; Mechs of Materials</u>	3		ENGR 221*	<u>Electrical Engr &amp; Circuits I</u>	3		ENGR 222*	<u>Thermodynamics</u>	3	
MATH 243*	<u>Math for Engr &amp; Science IV</u>	3		MATH 244*	<u>Math for Engr &amp; Science V</u>	3		MATH 245*	<u>Math for Engr &amp; Science VI</u>	3	
MEEN 215	<u>Engineering Materials Lab</u>	1		Phys 202 or	<u>Phys. For Engr. &amp; Sci. II</u>	3		MEMT 312*	<u>Dynamics</u>	2	
MEMT 201*	<u>Engineering Materials</u>	2		Chem 102 & 104	<u>General Chemistry</u>	3		ART	<u>Fine Arts Appreciation</u>	3	
Social Science	<u>(ECON 215)</u>	3		ENGL 303	<u>Technical Writing</u>	3					
		12				12				11	

JUNIOR YEAR (30 sch)											
Fall Quarter		Cr	Gr	Winter Quarter		Cr	Gr	Spring Quarter		Cr	Gr
MEEN 334	<u>Thermodynamics II</u>	2		MEEN 292	<u>Mech. Engr Computer Apps.</u>	3		MEEN 321	<u>Manufacturing Processes</u>	2	
MEEN 351	<u>Computer-Aided Modeling</u>	2		MEMT 211*	<u>Intermed. Strength of Mater.</u>	2		MEEN 353	<u>Heat Transfer</u>	3	
MEEN 382	<u>Basic Measurements</u>	2		MEMT 313*	<u>Elementary Fluid Mechanics</u>	3		MEEN 361	<u>Adv. Mechanics of Mater.</u>	3	
INEN 300	<u>Engineering Economics</u>	2		ENGL 463	<u>Scientific/Tech. Presentat.</u>	3		Social Science		3	
		8				11				11	

SENIOR YEAR (31 sch)											
Fall Quarter		Cr	Gr	Winter Quarter		Cr	Gr	Spring Quarter		Cr	Gr
MEEN 400	<u>Mechanical Engr. Seminar</u>	1		MEEN 363	<u>Dynam. Of Machine Elements</u>	3		MEEN 482	<u>Capstone Design Project III</u>	1	
MEEN 451	<u>Thermal Design</u>	3		MEEN 371	<u>Dynamic Systems</u>	3		MEEN 486	<u>Mechanical Engr. Lab</u>	1	
MEEN 465	<u>Machine Element Design</u>	2		MEEN 481	<u>Capstone Design Project II</u>	1		Tech. Elect.**		3	
MEEN 480	<u>Capstone Design Project I</u>	1		Tech. Elect.**		3		Social Science		3	
HIST ____		3						ENGL 201 or 202	<u>Literature</u>	3	
		10				10				11	

\* Grade of C or higher required

\*\* Technical electives must be approved by the Program Chair.