

MECHANICAL ENGINEERING Curriculum

Fall 2008

STUDENT NAME: _____

STUDENT ID #: _____

FIRST YEAR			
FALL			
ENGR 100	*Intro to Engr	2	
ENGR 101	*Engr Analysis I	4	
ENGL 101	*College Writing I	3	
ENGR 150	*Engr Graphics Fund	2	
CHEM 201	*Gen Chem I	3	
CHEM 207	*Intro Chem Anal I	1	
COMM 111	Speech Comm	3	
or 112	Bus & Professional Spk		
Total 18 Hours			

SECOND YEAR			
FALL			
ENGR 205	Diff Equations	2	
CHE 253	Material Science	3	
ME 206	Dynamics	3	
ME 251	Thermodynamics	3	
ME 280	S & E Programming	3	
ME 288	Co-op Seminar	0	
Gen Ed Elective		3	
Total 17 Hours			

SPRING			
ENGR 102	*Engr Analysis II	4	
ENGL 102	*College Writing II	3	
CHEM 202	*Gen Chem II	3	
PHYS 298	*Physics I	4	
PHYS 295	*Physics I Lab	1	
ME 180	*Intro to CAE	2	
Total 17 Hours			

SPRING			
ME 289	Co-op I	2	
Total 2 Hours			

SUMMER			
ENGR 201	Engr Analysis III	4	
PHYS 299	Physics II	4	
CEE 205	Statics	3	
Total 11 Hours			

SUMMER			
ENGR 307	Numerical Meth	2	
ME 310	Thermodynamics II	3	
ME 323	Mech of Materials	3	
Gen Ed Elective		3	
Total 11 Hours			

* 31 hr core with 2.00 GPA must be completed for admission into department

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THIRD YEAR			
FALL			
ME 389	Co-op II	2	
		Total 2 Hours	

THIRD YEAR			
SPRING			
ECE 252	Intro Elec Engr	3	
ME 311	Fluid Mech I	3	
ME 380	Mech Engr Cad	3	
Gen Ed Elective		3	
ME 5XX Elective		3	
		Total 15 Hours	

THIRD YEAR			
SUMMER			
ME 489	Co-op III	2	
		Total 2 Hours	

FOURTH YEAR			
FALL			
ME 314	Engr Measurements	3	
ME 315	ME I Lab	1	
ME 401	Fluid Mech II	3	
ME 422	Machine Design	3	
Gen Ed Elective		3	
ME 5XX Elective		3	
		Total 16 Hours	

FOURTH YEAR			
SPRING			
ME 415	ME II Lab	1	
ME 440	Heat Transfer	3	
ME 442	Mach Design II	3	
ME 497	SR Capstone Design	3	
ME 548	Ctrl Sys Design	3	
Gen Ed Elective		3	
		Total 16 Hours	

FOURTH YEAR			
SUMMER			
IE 360	Prob & Statistics	3	
IE 370	Engineering Economics Analysis	3	
		Total 6 Hours	

ADDITIONAL COURSES

REPEAT OPTIONS USED (No more than four courses)

General Information
www.speedlouisville.edu www.louisville.edu Mechanical Engineering (502) 852-6331 http://louisville.edu/speed/mechanical/

Minimum requirements for BS in Mechanical Engineering: 133 Semester Credit Hours