

Rose-Hulman Institute of Technology Mechanical Engineering Department Program of Study Checklist

Name: _____ ID: _____

Entrance Date: _____

Course Number	Course Title	Cr. Hr.	Grade	Comments
CM 105	Engineering Chemistry I	4		
CM 107	Engineering Chemistry II	4		
CLSK 100	College & Life Skills	1		
ECE 207	Elements of Electrical Engrg II	4		
EM 103	Introduction to Design	2		
EM 104	Graphical Communications	2		
EM 121	Statics & Mechanics of Mat'ls I	4		
EM 204	Statics & Mechanics of Mat'ls II	4		
ES 201	Conserv & Acct Principles	4		
ES 202	Fluid & Thermal Systems	3		
ES 203	Electrical Systems	4		
ES 204	Mechanical Systems	3		
ES 205	Analy & Design of Engr Sys	4		
MA 111	Calculus I	5		
MA 112	Calculus II	5		
MA 113	Calculus III	5		
MA 211	Differential Equations	4		
MA 212	Matrix Alg & System of DE's	4		
MA 223	Statistics for Engineers	4		
GS	Global Studies (HSS)	4		
GS	Global Studies (HSS)	4		
IA	Ideas & Arts (HSS)	4		
IA	Ideas & Arts (HSS)	4		
RH 131	Rhetoric & Composition	4		
RH 330	Technical Communication	4		
SV	Society & Values (HSS)	4		
SV	Society & Values (HSS)	4		
	One from GS, IA, or SV	4		

Course Number	Course Title	Cr. Hr.	Grade	Comments
ME 123	Computer Applications I	4		
ME 301	Thermodynamics II	4		
ME 302	Heat Transfer	4		
ME 317	Design for Manufacturing	3		
ME 321	Measurement Systems	4		
ME 323	Computer Applications II	2		
ME 328	Materials Engineering	4		
406	Control Sys or Vibration Analy	4		
ME 421	M.E. Lab	2		
ME 430	Mechatronic Systems	4		
ME 470	Engineering System Design	3		
ME 471	Capstone Design I	3		
ME 472	Capstone Design II	3		
ME 480	Machine Component Design	4		
	Technical Elective	4		
	Technical Elective	4		
	Technical Elective	4		
	Advanced Technnical Elective	4		
	Free Elective	4		
	Free Elective	4		
PH 111	Physics I	4		
PH 112	Physics II	4		
PH 113	Physics III	4		
	Science Elective	4		
Minimum Credit Hours Required:		194		