

Advising Sheet: B.S. IN MECHANICAL ENGINEERING
(Revised **October 2018**)

Name: _____

ID: _____

Freshman:	Hrs	Grade	Semester	Prereq/Coreq		Hrs	Grade	Semester	Prereq/Coreq
Writ 101	(3)					Writ 102	(3)		
Math 261	(3)			Min Math ACT 24		Math 262	(3)		Math261 (Min C)
Chem 105	(3)			Min Math ACT 25		Chem 106	(3)		Chem 105 (Min C)
Chem 115 Lab	(1)			Chem 105		Chem 116 Lab	(1)		Chem 106
SS / H / FA - 1	(3)					ME 101	(1)		
SS / H / FA - 2	(3)					SS / H / FA - 3	(3)		
	()					SS / H / FA - 4	(3)		
	()						()		
Sophomore:									
Math 263	(3)			Math 262 (Min C)		Math 264	(3)		Math263 (Min C)
Phys 211	(3)			Math262, P221		Math 353	(3)		Math264
Phys 221 Lab	(1)			P211		Phys 212	(3)		Math262, P222, P211
CSCI 251	(3)			Math261		Phys 222 Lab	(1)		P212
ME 201 (New Course)	(2)					ENGR 309	(3)		P211, Math263
SS / H / FA - 5	(3)					ENGR 321	(3)		Math262, Chem 105
Junior:									
ENGR 310 or Math 375	(3)			Math262 (Min C) or Math 261		ENGR 323	(3)		E309, Math264, P211
ENGR 312	(3)			E309		ME 324	(3)		E312
ENGR 313	(3)			Chem 105		ME 325	(3)		E309
ENGR 314 Lab	(1)			E313		ENGR 361 Lab	(1)		E360
ENGR 360	(3)			P212, Math353		ENGR 420	(3)		Math353
ENGR 330	(3)			P212, Math353		ECON 310	(3)		
Senior:									
ME 401	(3)			E321, E323		ME 402	(3)		ME401
ME 416 lab	(1)			E310 or Math375 or Manf 254, E312, ME325		ENGR 553	(3)		E321, E323, E420
ME 426	(3)			ME324, E330		ME 419 Lab	(1)		E321, E323
Thermal/Fluid elective*	(3)			ENGR 321, ENGR 323		ME 428	(3)		ME426
Design Elective**	(3)					ME 438	(3)		ME428
SS / H / FA - 6	(3)					Engr Electives***	(3)		

Social/Behavioral Science	Humanities	Fine Arts	General Education

***Thermal/Fluid Elective Courses:** ME 406, ME 529, ENGR 551 or other approved Thermal/Fluid course.

****Design Elective Courses** (includes one hour of design): ME 406, ME 417, ME 418, ME 422, ME 523, ME 524, ME 526, ME 527, ME 531, ME 534, ME 535, ME 536, ME 538, ME 540, ME 541, ME 555 and ENGR 559.

*****Choose from Thermal/Fluid, Design or Other Electives:** ME 417, ME 418, ME 421, ME 521, ME 522, ME 523, ME 524, ME 529, ME 530, ME 532, ME 533, ME 537, ME 543, ENGR 410, ENGR 515, ENGR 558, ENGR 585, ENGR 590, and ENGR 593.

***Must have at least 6 hrs of Social/Behavioral Science courses, and 9 hrs of Humanities and Fine Arts courses with at least 3 hrs in each; 18 hrs of Social/Behavioral Sciences - Humanities - Fine Arts and other approved courses are required.**

May take up to 3 hrs of general education course work from the list approved by the School of Engineering.

TOTAL = 128 HOURS