MECHANICAL ENGINEERING CURRICULUM

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

SPRING 2020 AND LATER

NAME: First M. Last **ID: 333 33 333** **Admit Term: SPRING 2020** **Student Type:** FTFTF

1st Year (Fall)	Prerequisite	Cr	Gr	Remarks	1st Year (Spring)	Prerequisite	Cr	Gr	Remarks
*CHEM 125 Chem I	None	3			*CHEM 126 Chem II	Chem 125	3		
CHEM 125A-General Chemistry Lab I	None	1			HUM 102 Wri, Speak, Think II	Hum 101	3		
CS 101 Computer Prog.	None	3			MATH 112 Calc II	Math 111	4		
FED 101 FED	None	2			PHYS 111 Phyics I	Phys 111A, Math 111	3		
FRESH SEM Freshman Seminar	None	0			PHYS 111A Phys I Lab	Phys 111A	1		
HUM 101 Writ, Speak, Think I	None	3							
MATH 111 Calc I	None	4							
		16					14		
2nd Year (Fall)					**2nd Year (Spring)**				
**HIST/HUM 200 Level GER	HUM 101	3			MATH 222 Diff Equations	Math 112	4		
MATH 213 Calc IIIB	Math 112	4			ME 231 Kin of Mach	MATH 213, grade C or higher in Mech 234	3		
ME 215 Engr Mat & Proc	Chem 122 or Chem 126	3			MECH 236 Dynamics	Mech 234	2		
MECH 234 (or 235) Eng. Mech (Static	Phys 111, Math 112	2			MECH 237 Mech of Matl's	Mech 234, Math 112	3		
PHYS 121 Physics II	Phys 111, Phys 121A, Math 112	3			PHIL 334 Engr'g. Ethic	HUM 101,102,GER	3		
PHYS 121A Phys. II Lab	Phys 111A	1							
		16					15		
3rd Year (Fall)					**3rd Year (Spring)**				
ECE 405 E.E. Princ	Phys 121, Jr stnd	3			ME 304 Fluid Mech	Mech 236, ME 311	3		
MATH 279# Engr Prob & Stat:	Math 112	2			ME 305 Intro Sys Dyn	ME 231, Mech 236, Math 222	3		
ME 311 Thermo I	Phys 111, Math 211/213	3			ME 312 Thermo II	ME 311	3		
ME 315 Stress Analysis	ME 215, Mech 237, Math 222	3			ME 316 Mach Design	ME 315, ME 231	3		
ME 430 CAD	FED 101, CS 101, Math 222	3			ME 343 Mech Lab I	ECE405, Math279/333, Mech236, ME304	3		
		14					15		
4th Year (Fall)					**4th Year (Spring)**				
***HIST/HUM 300 LEVEL GER:	HUM 101, 102,GER	3			****HUM SR SEM. HSS 400:	Senior stnd	3		
ME 403 Mech Sys Des I	ME 304, 305, 312, 316	3			ME 406 Mech Lab III	ME 405, ME 407	2		
ME 405 Mech Lab II	ME 343, ME 312	2			ME 408 Mech Sys Des II	ME 403, ME 407	2		
ME 407 Heat Transfer	ME 304, ME 311, Math 222	3			ME/TE Elective:	Varies based on course	3		
ME/TE Elective:	Varies based on course	3			ME/TE Elective:	Varies based on course	3		
					*****SOC. SCI GER:	Jr/Sr stnd	3		
		14					16		
Last Completed Semester (FALL 2019) GPA:		**0.000**			**Cummulative GPA:**	**0.000**	**Total CR. =**		**120**
DegreeWorks Degree GPA:					**DegreeWorks Overall GPA**				

Extra Courses

A credit for Math 333 also satisfies requirement for statistics
* CHEM 121 IN LIEU OF CHEM 125, CHEM 122 IN LIEU OF CHEM 126
** HIST/HUM 200+ LEVEL GER - Any 200 level ENG,HIST,LIT,STS,COM,THTR,HUM
*** HIST/HUM 300+ LEVEL GER: Any 300 level ENG/HIST/LIT/PHIL/STS/THTR
**** 400+ LEVEL IN HUMANITIES SENIOR SEMINAR (HSS)
***** SOCIAL SCIENCE GER: IE 492, MGMT 390 OR ECON 201, 265, 266
NOTE: ME and Acceptable Technical electives are listed. All other Tech Electives must have prior departmental Approval

Current Class Status: ***Freshman***
Minor:
Last Update 7/7/2020
By FHA
Cohort:

Certified By:_____ **Date Certified:**

Department of Mechanical and Industrial Engineering