

Mechanical Engineering Program

Curriculum Sheet

Name _____

Patron ID (PID) _____

Fall Semester

Spring Semester

		Hours	Grade		Hours	Grade
<u>1st Year</u>	ENGL 1550 Writing 1 (GER, W)	3	_____	ENGL 1551 Writing 2 (GER, W)	3	_____
	MATH 1571 Calc 1 (GER, MA)	4	_____	MATH 1572 Calc 2 (GER, MA)	4	_____
	CHEM 1515 Chem 1 (GER, NS)	4	_____	PHYS 2610 Phys 1 (GER, NS)	4	_____
	GER Elective (AL)	3	_____	COMST 1545 Speech (GER, O)	3	_____
	ENGR 1550 Engr Concepts	<u>3</u>	_____	ENGR 1560 Engr Computing	<u>3</u>	_____
		17			17	
<u>2nd Year</u>	MECH 2603 Thermodynamics 1	3	_____	MECH 2604 Thermodynamics 2	3	_____
	MATH 2673 Calculus 3	4	_____	MECH 2606 Materials	3	_____
	PHYS 2611 Phys 2 (GER, NS)	4	_____	MECH 2641 Dynamics	3	_____
	CEEGR 2601 Statics	3	_____	MATH 3705 Diff Equations	3	_____
	ECON 2610 Princ.I (GER, SI)	<u>3</u>	_____	CEEGR 2602 Str of Material	3	_____
		17	CEEGR 2602L Str Mat Lab	<u>1</u>	_____	
				16		
<u>3rd Year</u>	MECH 3720 Fluid Dyn	3	_____	MECH 3708 Engr Analysis	3	_____
	MECH 3742 Kinematics	3	_____	MECH 3720L Fluid Lab (WI)	1	_____
	MECH 3751 Stress 1	3	_____	MECH 3725 Heat Transfer	3	_____
	MECH 3751L Stress Lab (WI)	1	_____	MECH 3762 Machine Design	3	_____
	ECEGR 2632 Circuit 1	3	_____	MECH 3762L Mach Des Lab (OI)	1	_____
	PHIL 2625 Prof Ethics (GER, PS)	<u>3</u>	_____	ISEGR 3710 Engr Statistics *	3	_____
		16	GER Elective (AL)	<u>3</u>	_____	
				17		
<u>4th Year</u>	MECH 4881 DSA & Vib (T)	3	_____	MECH 4809 Mech Sys Des 2 **	3	_____
	MECH 4835 Therm FI Appl	3	_____	MECH 5892 Control Mech Sys	3	_____
	MECH 4835L TFA Lab (OI)	1	_____	MECH 5892L Vib & Contr Lab (T)	1	_____
	MECH 4808 Mech Sys Des 1 **	2	_____	MECH Elective ***	3	_____
	MECH 4808L Mech Des Lab **	1	_____	GER Elective (SI)	3	_____
	MECH Elective ***	3	_____	GER Elective (PS)	<u>3</u>	_____
	GER Elective (SI)	<u>3</u>	_____		16	
		16				

* STAT 3743 Prob & Stat or ISEGR 3710 Engr Stat

** Capstone and GER capstone courses

*** **MECH**

Electives

MECH 4800 Special Topics	
MECH 4823 HVAC	
MECH 5811 Solar Engr	
MECH 5825 Heat Transfer 2	
MECH 5836 Fluid Power & Control	
MECH 5852 Stress 2	
MECH 5872 Acoustics	
MECH 5884 Finite Element Anal	

Summary

Writing (W) and Speech (O)	3 (9)
Art & Literature (AL)	2 (6)
Soc & Institution (SI)	3 (9)
Pers & Soc Responsibility (PS)	2 (6)
Nat Science (NS)	3 (12)
Mathematics	5 (18)
ENGR & Other Engr Programs	6 (16)
Mechanical Engr	<u>23 (56)</u>
Total	47(132)