

Mechanical Engineering 4 year Model

Last Name				First Name				Student #	
BSc(ME) Grad Date:				DGPA:		Phone #:			
Email Address:									
Admit Term:		Minor / Concentration:						Term:	
FIRST YEAR				19.5 CHrs		18 CHrs			
CHEM 1100	Chemistry 1	3		ENG 1430	Eng Design	3		TGPA	
CHEM 1122	Chem 1 Lab	1.5		ENG 1450	Intro Elec	3		DGPA	
COMP 1012	Comp Prog Eng	3		ENG 1460	Thermal Sci	3		75% Ratio	
PHYS 1050	Physics	3		MATH 1210	C/L Algebra	3		Standing	
ENG 1440	Eng Statics	3		MATH 1710	App Calc 2	3		Term:	
MATH 1510	App Calc 1	3		CE1 (Phil 1290 or Choice)		3		TGPA	
WRITTEN Req.		3						DGPA	
SECOND YEAR				21.5 CHrs		23 CHrs			
CHEM 1110	Chemistry 2	3		MATH 2132	Math Analys 2	3		75% Ratio	
CHEM 1126	Chem 2 Lab	1.5		MECH 2112	C.A.D.	5		TGPA	
MATH 2130	Math Analys 1	3		MECH 2150	Numerical Method	4		DGPA	
STAT 2220	Eng Statistics	3		MECH 2262	Fluid Mechanics	4		75% Ratio	
MECH 2202	Thermodynamics	4		MECH 2272	Materials 1	4		Standing	
MECH 2222	Mech. Of Materials	4		ENG 2030/40	Tech Com	3		Term:	
Indigenous Crs. CE2		3						TGPA	
THIRD YEAR				23 CHrs		22 CHrs			
MATH 3132	Math Analys 3	3		MECH 3420	Vibes	4		75% Ratio	
MECH 3170	Project Management	4		MECH 3430	Meas. & Controls	4		Standing	
MECH 3482	Kin. & Dynamics	4		MECH 3460	Heat Transfer	4		Term:	
MECH 3492	Fluids 2	4		MECH 3652	Mach Design	4		TGPA	
MECH 3502	Stress Analysis	4		MECH 3992	ME Labs Thermo	2		DGPA	
MECH 3542	Materials 2	4		TE1		4		75% Ratio	
FOURTH YEAR				19 CHrs		17 CHrs			
ECE 3010	Digital Systems	4		ENG 3000	Eng Econ	3		Term:	
MECH 3982	ME Labs Solid Mech	2		ENG 3020	Tech Society	3		TGPA	
MECH 4860	Eng. Design	5		PHYS 1070		3		DGPA	
TE2		4		TE4		4		75% Ratio	
TE3		4		TE5		4		Standing	
CE Choice = 1000 Level or better from the faculty of Arts or Management (3 cr hr of Indigenous Knowledge post Fall 2021)								Term:	
Indigenous Knowledge Course Options CE2: INDG 1220, INDG 1240, INDG2012 / HIST 2010, INDG 2020 / HIST 2020, POLS 2802, POLS 3870, ENG4100								TGPA	
Tech Electives (TE): Need 5.								DGPA	
Aerospace Option - 3 from List A - MECH 3520, 4182, 4192 and select 2 from List B - MECH 3582, 4200, 4452 or ENG 4110								75% Ratio	
Aerospace Stream - Select 3 MECH 3520, 4182, 4192 4200, 4452								Standing	
Manufacturing Stream - Select 3 MECH 3582, 3592, 4330, 4342, 4900								Term:	
Materials Stream - Select 3 MECH 4292, 4350, 4360 and 4870								TGPA	
Solid Mechanics Stream - Select 3 MECH 4812, 4322, 4452, 4510, 4812, 4322								DGPA	
Thermofluids Stream - Select 3 MECH 3520, 4200, 4412, 4692, 4822, 4560 Other - 4162, 4310								75% Ratio	
Co-op WT: ENG 4800 ____ ENG 4810 ____ ENG 4820 ____ ENG 4830 ____ ENG 4840 ____								Standing	
Grad Check Completed: Total Degree Hours: /163 DGPA:									