

Mechanical Engineering 5 year Model B

Last Name				First Name				Sudent #	
BSc(ME) Grad Date:				DGPA:		Phone #:			
Email Address:									
Admit Term:		Minor / Concentration:						Term:	
FIRST YEAR				16.5 CHrs		15 CHrs			
CHEM 1100	Chemistry 1	3		ENG 1430	Eng Design	3		TGPA	
CHEM 1122	Chem 1 Lab	1.5		ENG 1450	Intro Elec	3		75% Ratio	
COMP 1012	Comp Prog Eng	3		ENG 1460	Thermal Sci	3		Standing	
PHYS 1050	Physics	3		MATH 1210	C/L Algebra	3		Term:	
ENG 1440	Eng Statics	3		MATH 1710	App Calc 2	3		TGPA	
MATH 1510	App Calc 1	3						DGPA	
SECOND YEAR				19.5 CHrs		17 CHrs			
CHEM 1110	Chemistry 2	3		MATH 2132	Math Analys 2	3		Standing	
CHEM 1126	Chem 2 Lab	1.5		MECH 2202	Thermodynamics	4		Term:	
MATH 2130	Math Analys 1	3		MECH 2222	Mech. Of Materials	4		TGPA	
MECH 2112	C.A.D.	5		CE1 (Phil 1290 or Choice)		3		DGPA	
WRITTEN Req.		3		Indigenous Crs. CE2		3		75% Ratio	
THIRD YEAR				14 CHrs		16 CHrs			
MATH 3132	Math Analys 3	3		MECH 3482	Kin. & Dynamics	4		Term:	
MECH 2150	Numerical Method	4		MECH 3492	Fluids 2	4		TGPA	
MECH 2262	Fluid Mechanics	4		MECH 3502	Stress Analysis	4		DGPA	
MECH 2272	Materials 1	4		MECH 3542	Materials 2	4		75% Ratio	
ENG 2030/40	Tech Com	3						Standing	
FOURTH YEAR				18 CHrs		17 CHrs			
ECE 3010	Digital Systems	4		STAT 2220	Eng Statistics	3		TGPA	
MECH 3652	Mach Design	4		MECH 3170	Project Manageme	4		DGPA	
MECH 3420	Vibes	4		MECH 3992	ME Labs Thermo	2		75% Ratio	
MECH 3982	ME Labs Solid Mech	2		TE1		4		Standing	
MECH 3460	Heat Transfer	4		TE2		4		Term:	
FIFTH YEAR				17 CHrs		13 CHrs			
MECH 3430	Meas. & Controls	4		ENG 3000	Eng Econ	3		DGPA	
MECH 4860	Eng. Design	5		ENG 3020	Tech Society	3		75% Ratio	
TE3		4		PHYS 1070		3		Standing	
TE4		4		TE5		4		Term:	
CE Choice = 1000 Level or better from the faculty of Arts or Managetment (3 cr hr of Indigenous Knowledge post Fall 2021)								TGPA	
Indigenous Knowledge Course Options CE2: INDG 1220, INDG 1240, INDG2012 / HIST 2010, INDG 2020 / HIST 2020, POLS 2802, POLS 3870, ENG4100								DGPA	
Tech Electives (TE): Need 5.								75% Ratio	
Aerospace Option - 3 from List A - MECH 3520, 4182, 4192 and select 2 from List B - MECH 3582, 4200, 4452 or ENG 4110								Standing	
Aerospace Stream - Select 3 MECH 3520, 4182, 4192 4200, 4452								Term:	
Manufactruing Stream - Select 3 MECH 3582, 3592, 4330, 4342, 4900								TGPA	
Materials Stream - Select 3 MECH 4292, 4350, 4360 and 4870								DGPA	
Solid Mechanics Stream - Select 3 MECH 4812, 4322, 4452, 4510, 4812, 4322								75% Ratio	
Thermofluids Stream - Select 3 MECH 3520, 4200, 4412, 4692, 4822, 4560 Other - 4162, 4310								Standing	
Co-op WT: ENG 4800 ____ ENG 4810 ____ ENG 4820 ____ ENG 4830 ____ ENG 4840 ____									
Grad Check Completed: Total Degree Hours: /163 DGPA:									