

PROGRAM GUIDE



BACHELOR OF SCIENCE FALL 2009-2010
MECHANICAL ENGINEERING TECHNOLOGY

Student's Name _____

Entrance Date _____

CORE 36

___	ENGL	150	English Composition I	3
___	ENGL	151	English Composition II	3
___	ENGL	218	Technical Writing	3
___	ENGL	250	World Literature I OR	
___	ENGL	251	World Literature II	3
___	COPA	250	Arts & Hum. Experience I	3
___	COPA	251	Arts & Hum. Experience II OR	
___	CINE	302	Cinema	3
___	HIST	150	Intro to Study of History	3
___	MATH	180	College Algebra	3
___	NSET	101	Intro to Nat. Sci. & Engr. Tech.	3
___	POLS	250	Intro to Govt. Systems OR	
___	POLS	102	American National Govt.	3
___	PSYC	150	Psychological Foundations	3
___	SOC	150	Sociological Foundations OR	
___	SOC	105	Marriage and the Family OR	
___	SOC	111	World Cultures	3

DEPARTMENT GENERAL REQUIREMENTS 32

___	CHEM	101	General Chemistry I	3
___	CHEM	102	General Chemistry II	3
___	CHEM	103	General Chemistry Lab I	1
___	CHEM	104	General Chemistry Lab II	1
___	PHYS	101	Physics I	3
___	PHYS	102	Physics II	3
___	PHYS	103	Physics Lab I	1
___	PHYS	104	Physics Lab II	1
___	MATH	175	Elementary Statistics	3
___	MATH	185	Trigonometry	2
___	MATH	190	Calculus I	4
___	MATH	210	Calculus II	4
___	MATH	230	Linear Algebra I OR	
___	MATH	310	Differential Equations	3

DEPARTMENT MAJOR REQUIREMENTS 63

___	BIOL	334	Occupational Safety & Health	3
___	ETGR	205	Engineering Tech. Graphics	3
___	EET	102	DC Circuits	3
___	EET	103	AC Circuits	3
___	EET	104	DC Circuits Laboratory	1
___	EET	105	AC Circuits Laboratory	1
___	ET	405	Fund. of Engr. Exam I	0
___	ET	406	Fund. of Engr. Exam II	0
___	ET	407	Prof. Prob. in Engr. Tech.	3
___	MET	101	Statics	3
___	MET	102	Dynamics	3
___	MET	212	Properties of Materials	3
___	MET	213	Strength of Materials	3
___	MET	214	Materials Laboratory	1
___	MET	215	Thermodynamics	3
___	MET	320	Kinematics of Machine Elements	4
___	MET	331	Engr. Des. using Pro/ENGINEER®	3
___	MET	404	Heat Transfer	3
___	MET	406	Heat Transfer Laboratory	1
___	MET	411	Fluid Mechanics	3
___	MET	412	Fluid Mechanics Laboratory	1
___	MET	416	Mechanical Vibrations	3
___	MET	421	Machine Design	4
___	MET	424	Finite Element Analysis (FEA)	3
___	MET	425	FEA with ANSYS®	2
___	CMPS	204	C Prog. for Sci. & Tech.	3

GENERAL ELECTIVES 6

___	___	___	___	3
___	___	___	___	3

MINIMUM CREDITS FOR B.S. DEGREE 137