

BME Aerospace Concentration Degree Requirement for students entering 2008

1st Year	CHM 123 & 123L	General Chemistry	4	
	EGR 103	Engineering Innovation I	2	
	ENG 101/102	English Composition I, II (or ENG 114 or 198)	6	
	HST ____	History (HST 103 or 198)	3	
	MTH 168/169	Analytic Geometry & Calculus I, II	8	
	MEE 101	Introduction to Mechanical Engineering	0	
	MEE 104L	Computer Graphics I	1	
	PHY 206	General Physics I	3	
	PHL 103	Introduction to Philosophy	3	
	REL 103	Introduction to Religion	3	
CMM 1__	Fundamentals of Oral Communication	<u>1</u>		
		34		
2nd Year			<u>1st Term</u>	<u>2nd term</u>
	EGR 201	Mechanics I	3	
	EGR 202	Engineering Thermodynamics	3	
	MTH 218	Analytic Geometry & Calculus III	4	
	MEE 225	Intro to Flight	3	
	_____	General Education Requirement	3	
	MEE 227L	Computer Graphics II	1	
	MEE 200	Professional Development Seminar	0	0
	PHY 207	General Physics II		3
	CMM 11_	Fundamentals of Oral Communication ¹		2
	MEE 308	Fluid Mechanics		3
	EGM 303	Mechanics II		3
MTH 219	Applied Differential Equations		3	
_____	General Education Requirement		<u>3</u>	
		17	17	
3rd Year	MEE 314	Computational Methods	3	
	EGR 203	Electrical and Electronic Circuits	3	
	ECE 201L	Circuit Analysis Laboratory	1	
	MEE 409	Aerospace Structures	3	
	EGM 202	Dynamics	3	
	MEE 312 & 312L	Engineering Materials I and Lab	4	
	MEE 415	Professional Development Seminar I	0	0
	MEE 321	Theory of Machines		3
	MEE 410 /410L	Transfer & Thermo Fluids Lab		4
	MEE 401	Aerodynamics		3
	CMM 11_	Fundamentals of Oral Communication ¹		1
	_____	General Education Requirement		3
PHY 208	Physics III		<u>3</u>	
		17	17	
4th Year	MEE 341	Engineering Experimentation	3	
	MEE 425/431L	Aerospace Design/Multidisciplinary Des I	4	
	MEE 439/440	Dynamic Systems and Controls Elective	4	
	_____	Ethics Elective (PHL 316 or REL 369)	3	
	_____	Aerospace Elective	3	
	MEE 415/416	Professional Development Seminar I/II	0	1
	MEE 433	Project Management and Innovation		1
	MEE 432L	Multidisciplinary Design II		4
	MEE 460	Engineering Analysis		3
	_____	Open Elective		3
_____	General Education Requirement		<u>3</u>	
		17	14	

¹ CMM 110, 111 or 112, and 113 are required.