

**CURRICULUM IN MECHANICAL ENGINEERING**

(Catalog #128, 2005-2006)

\*\*2.85 GPR/GPA in CBK courses, PLUS 2.85 overall GPR/GPA at Texas A&M University\*\*

Name: \_\_\_\_\_ Date: \_\_\_\_\_ UIN#: \_\_\_\_\_  
(Catalog #128, 2005-2006)

Course	Credit		Prerequisite	Course	Credit		Prerequisite
__ENGR 111 <sup>1**</sup>	(1-3)	2	Admission to COE; Co-requisite MATH 151	__ENGR 112 <sup>1**</sup>	(1-3)	2	ENGR 111; MATH 151
__ENGL 104 <sup>1**</sup>	(3-0)	3		__MATH 152 <sup>1**</sup>	(3-2)	4	MATH 151 or equivalent
__MATH 151 <sup>1**</sup>	(3-2)	4	High School Algebra I&II, Trigonometry & Geometry MATH 150 or satisfactory performance on a qualifying exam.	__PHYS 208 <sup>1**</sup>	(3-3)	4	PHYS 218; MATH 152 or reg. therein
__PHYS 218 <sup>1**</sup>	(3-3)	4	MATH 151 or reg. therein	__Univ. Core Curriculum Elect. <sup>2</sup>		3	
__Univ. Core Curriculum Elect. <sup>2</sup>		3		__CHEM 107 <sup>1**</sup>	(3-3)	4	
__KINE 198	(0-2)	1		__KINE 199	(0-2)	1	
<b>(17)</b>				<b>(18)</b>			
__MATH 251 <sup>1</sup>	(3-0)	3	MATH 152 or equivalent	__MATH 308 <sup>1</sup>	(3-0)	3	MATH 251; Knowledge of computer algebra system (Maple)
__ENGR 221 <sup>1</sup>	(2-2)	3	Upper- level classification in Mechanical Engineering; MATH 251 or reg. therein; PHYS 218	__ENGR 212 <sup>1</sup>	(2-2)	3	ENGR 221; MATH 308 or registration therein
__ENGR 213 <sup>1</sup>	(2-2)	3	Upper- level classification in Mechanical Engineering; ENGR 221& MATH 251 or reg. therein; CHEM 107 & PHYS 208	__CVEN 305 <sup>1</sup>	(3-0)	3	ENGR 221; ENGR 213 or registration therein
__Univ. Core Curriculum elect. <sup>2</sup>		3		__ENGR 215 <sup>1</sup>	(2-2)	3	ENGR 221; PHYS 208; MATH 308 or registration therein
__Univ. Core Curriculum elect. <sup>2</sup>		3		__MEEN 260 <sup>1</sup>	(1-3)	2	ENGR 221, 213; ENGR 212, ENGR 215 & MATH 308 or reg. therein
<b>(15)</b>				<b>(14)</b>			
__ENGL 210	(3-0)	3	ENGL 104	__MEEN 368 <sup>1</sup>	(2-2)	3	CVEN 305; MEEN 357, 360 or reg. therein
__MEEN 357 <sup>1</sup>	(3-0)	3	ENGR 112, MATH 308	__MEEN 461	(3-0)	3	MATH 308; MEEN 344
__MEEN 363 <sup>1</sup>	(2-2)	3	ENGR 221; MATH 308; MEEN 357 or reg. therein	__MEEN 464	(0-3)	1	MEEN 461 or reg. therein
__MEEN 360 <sup>1</sup>	(3-3)	4	MEEN 260; ENGR 213, CVEN 305	__MEEN 364 <sup>1</sup>	(2-3)	3	ENGR 215; MEEN 260, 363
__MEEN 344 <sup>1</sup>	(3-0)	3	ENGR 221 and 212	__MEEN 381	(0-2)	1	Upper -level classification in Mechanical Engineering
__MEEN 345 <sup>1</sup>	(0-3)	1	MEEN 260; MEEN 344 or reg. therein	__INEN 302	(2-0)	2	MATH 152
				__Univ. Core Curriculum Elect. <sup>2</sup>		3	
<b>(17)</b>				<b>(16)</b>			
__MEEN 401 <sup>1</sup>	(2-3)	3	MEEN 360, 364, 368, 461	__MEEN 402	( 1-3)	2	MEEN 401
				__Univ. Core Curriculum Elect. <sup>2</sup>		3	
__MEEN 404	(1-3)	2	MEEN 260, 360, 364, 461	__Tech. Elective <sup>3</sup>		3	
__Stem Course <sup>3</sup>	(3-0)	3		__Tech. Elective <sup>3</sup>		3	
__Stem Course <sup>3</sup>	(3-0)	3		__Tech. Elective <sup>3</sup>		3	
__ENGR 482	(2-2)	3	Junior standing	__Tech. Elective <sup>3</sup>		3	
<b>(14)</b>				<b>(17)</b>			

**Total Hours 128**

- Requires a grade of "C" or better.
- To be selected from the University Core Curriculum. Of the 18 hours shown as University Core Curriculum electives, 3 must be from visual and performing arts, 3 from social and behavioral sciences, 6 from U.S. history, and 6 from POLS 206 and POLS 207, and 6 from international and cultural diversity. The international and cultural diversity requirement may be met by courses satisfying the visual and performing arts, social and behavioral sciences, and the political science and history requirements if they are also on the approved list of international and cultural diversity courses.
- Stem courses and Technical Electives: See the MEEN Academic Advising Office for list of approved course