



## MECHANICAL ENGINEERING TECHNOLOGY

MSU Bozeman 2017-2018

MSU Billings 2017-2018

These are courses required by the College of Engineering at MSU Bozeman. The general education courses taken at MSU Billings will need to be those required by MSU Bozeman. NOTE: This curriculum depends on whether or not the student enters the pre-engineering curriculum with deficiencies in math and/or science.

MSU Bozeman Course #	Course Title	Credit	MSU Billings Course #	Course Title	Credit
<b>1st Year</b>					
EMEC 103	CAE I: Engr. Graphics Commun.	2		<i>No equivalent</i>	
ETME 100	Intro to Mech Engr Tech	1		<i>No equivalent</i>	
CHMY 121IN	Intro to Gen Chem	4	*CHMY 121 CHMY 122	Intro to Gen Chem Intro to Gen Chem Lab	3 1
WRIT 101W	College Writing I	3	*WRIT 101	College Writing I	3
M 165Q	Calculus for Technology I	3	*M 171	^Calculus I	4
M 166Q	Calculus for Technology II	3	*M 172 M 110	^Calculus II Mathematical Computing	4 1
COMX 111US or CLS 101 US or US 101 US	Intro to Public Speaking or Knowledge & Community or First Year Seminar	3 3 3	COMX 111	Intro to Public Speaking	3
PHSX 205	College Physics I	4	*PHSX 205 PHSX 206	College Physics I College Physics I Lab	3 1
University Core		9	General Education	See General Core sheet	9
<b>Total credits</b>		32			32
<b>2nd Year</b>					
BUS	Elective	3		Offerings may vary	3
EMEC 250	Mech. Engineering Materials	3		No equivalent	
EGEN 203	Applied Mechanics	3		No equivalent	
EGEN 208	Applied Strength of Materials	3		No equivalent	
ETME 215	Manufacturing Processes	3		No equivalent	
ETME 216	Manufacturing Process Lab-MET	1		No equivalent	
EGEN 324	Applied Thermodynamics	3		No equivalent	
ETME 202	MET Computer Applications	1		No equivalent	
ETME 203	Mechanical Design Graphics	3		No equivalent	
EMAT 252	Materials Structures & Prop Lab	1		No equivalent	
EELE 250	Circuits, Devices, Motors	4		No equivalent	
PHSX 207	College Physics II	4	*PHSX 207 PHSX 208	College Physics II College Physics II Lab	3 1
<b>Total credits</b>		32			5

\*Certain courses in this program have prerequisites; students should check the course descriptions at each institution for required prerequisites.

^Course substitution should be verified with MSU Bozeman.

**Ultimately, it is the student's responsibility to verify program requirements and acceptance of coursework with Montana State University Bozeman.**

*Note: Students need to achieve a "C-" or better in all required courses (please see advisor).*