



**MONTANA STATE UNIVERSITY-BILLINGS  
ASSOCIATE OF SCIENCE  
PROGRAM OF STUDY IN PRE-ENGINEERING  
GENERAL BULLETIN 2003-2005**

*Access & Excellence*

*Advising Center  
Phone: 406-657-2240  
Fax: 406-657-2280  
advising@msubillings.edu*

Name \_\_\_\_\_

Student ID # \_\_\_\_\_

**GENERAL EDUCATION REQUIREMENTS – SEE PAGE 4 FOR SPECIFIC COURSES**

General Education Category	Course #	Credits	Grade	Semester	Equivalent
Category I: Writing (6 cr.)	ENGL 150				
	ENGL 210				
Category II: Oral Skills (3 cr.)	COMT 130				
Category III: Mathematics ( 3 cr.)	MATH 112				
Category IV: Natural Sciences (7 cr.) (1 life science/1 physical science/1 lab)	BIOL 101				
	CHEM 115				
	CHEM 118				
Category V: Social Sciences (6 cr.) (2 courses from separate prefixes)					
Category VI: History (3 cr.)					
Category VII: Cultural Diversity (3 cr.)					
Category VIII: Fine Arts (3 cr.)					
Category IX: Integrated Humanities (3 cr.)					

**Students should consult with their advisors to determine if specific courses are necessary in order to satisfy the General Education requirements within this program.**

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

<b>CATEGORY I: WRITING</b>			<b>6</b>
ENGL	150	College Composition	3
ENGL	210	Technical Writing	3
<b>CATEGORY II: ORAL SKILLS</b>			<b>3</b>
COMT	130	Introduction to Public Speaking	3
<b>CATEGORY III: MATHEMATICS</b>			<b>3</b>
MATH	112	Calculus I	4
<b>CATEGORY IV: NATURAL SCIENCE</b>			<b>7</b>
BIOL	101	Survey of Biology	3
CHEM	115	General Chemistry I	3
CHEM	118	General Chemistry I Lab	1
<b>CATEGORY V: SOCIAL SCIENCE</b>			<b>6</b>
<i>Two courses from separate prefixes</i>			
BUS	101	Introduction to Business	3
ECON	200	Principles of Microeconomics	3
ECON	201	Principles of Macroeconomics	3
EDF	100	Educ Persons for a Democratic Society	3
POLS	101	Introduction to Government	3
POLS	212	United States Government	3
PSYC	101	General Psychology	3
SOCL	101	Introduction to Sociology	3
SOCL	212	Physical Anthropology & Archeology	3
SOCL	221	Social Problems	3
<b>CATEGORY VI: HISTORY</b>			<b>3</b>
HIST	104	History of World Civilization to 1500	3
HIST	105	History of World Civilization Since 1500	3
HIST	106	Honors: History of Western Civ to 1648	3
HIST	107	Honors: History of Western Civ since 1648	3
HIST	109	Current World Problems	3
HIST	204	United States History to 1877	3
HIST	205	United States History Since 1877	3
POLS	221	International Relations	3
<b>CATEGORY VII: CULTURAL DIVERSITY</b>			<b>3</b>
ART	131	Global Visual Culture	3
A&SC/SOCL	250	Women, Culture and Society	3
GEOG	102	World Geography	3
GEOG	120	Environment and Culture	3
HIST	351	History of Islamic Civilization	3
HIST	353	The Middle East in the Twentieth Century	3
MUSC	150	Musics of the World	3
NAMS	181	Introduction to Native American Studies	3
NAMS	211	Social Issues of the Native American	3
PHIL	105	The Religious Quest	3
PHIL	233	Phil & Religions of India	3
PHIL	234	Phil & Religions of China, Tibet & Japan	3
SOCL	211	Cultural Anthropology	3
SPAN	150	The Hispanic Tradition	3
<b>CATEGORY VIII: FINE ARTS</b>			<b>3</b>
ART	110	Art Studio Essentials for Non-Art Majors	3
ART	142	Introduction to Pottery	3
ART	161	Introduction to Drawing	3
COMT	150	Introduction to Theater	3
COMT	155	Global Cinema	3
COMT	250	Introduction to Acting	3
ENGL	160	Reading and Responding to Literature	3
ENGL	204	Fundamentals of Creative Writing	3
ENGL	280	Fiction into Film	3
MUSC	100	Music Appreciation	3
MUSC	160/360	Symphonic Band	1
MUSC	162/362	Concert Choir	1
MUSC	168/368	Jazz Ensemble	1
PHIL	303	Classical Mythology	3
CTDR	248	CAD Presentations	3

<b>CATEGORY IX: INTEGRATED HUMANITIES</b>			<b>3</b>
ART	132	Art History Survey	3
ENGL	260	World Foundations of Literature	3
MUSC	340	Music History to 1750	3
MUSC	341	Music History 1750 to the Present	3
PHIL	107	Philosophical Inquiry	3
PHIL	115	Ethics	3
PHIL	117	Philosophies of Life	3
PHIL/ENGL	240	The Bible as Literature	3
PHIL	250	Christianity	3
PHIL	301	Death, Dying, and Medical Ethics	3
PHIL	311	Environmental Ethics	3
PHIL	314	Business Ethics	3



**ASSOCIATE OF SCIENCE DEGREE  
PROGRAM OF STUDY IN PRE-ENGINEERING**

<b>Categories</b>	<b>Credits</b>	<b>Earned</b>
General Education	37	_____
Required Courses	23	_____
Total	60	_____

**It is the student's responsibility to know and meet the requirements for graduation.**

---

**NOTES:**