



## Mechanical Engineering Technology (MECH) Course of Study 2016-2017

First Semester I (Fall)				
Course ID	Course Name	T/B/G	Credits	Ck off
BMCA 1030	Introduction to Access	B	1	
ENGL 1500	Composition I	G	3	
FYEX 1010	First Year Success Strategies	G	1	
MATH 1240	Algebra & Trigonometry I	G	4	
MECH 1000	Engineering Graphics	B	3	
MECH 1200	Manufacturing Processes	T	3	
	<b>Total:</b>		15	

Second Semester I (Spring)				
Course ID	Course Name	T/B/G	Credits	Ck off
COMM 1220	Interpersonal Communication	G	3	
MATH 1250	Algebra & Trigonometry II	G	4	
MECH 1100	Mechanical 3-D Modeling	T	3	
MECH 1300	Industrial Materials	T	3	
PHYS 2010	Physics I	G	4	
	<b>Total:</b>		17	

Summer Session I				
Course ID	Course Name	T/B/G	Credits	Ck off
	<b>Total:</b>			

**Curriculum Summary:** General (G)/ Basic (B) = 33 Hours                      Technical (T) = 32 Hours                      Total Curriculum Hours = 65

Third Semester II (Fall)				
Course ID	Course Name	T/B/G	Credits	Ck off
BMCA 1040	Introduction to Excel	B	1	
ENGL 2800	Technical Writing	G	3	
MECH 1500	Survey of Mechanical Modeling	T	3	
MECH 2200	Statics	T	3	
MECH 2500	Hydraulics & Pneumatics	T	3	
	*Social & Behavioral Science Elective	G	3	
	<b>Total:</b>		16	

Fourth Semester II (Spring)				
Course ID	Course Name	T/B/G	Credits	Ck off
MECH 2000	Advanced Mechanical 3-D Modeling	T	3	
MECH 2300	Strength of Materials	T	3	
MECH 2600	Machine Design	T	3	
MECH 2700	Project Management	T	3	
MECH 2900	Statistical Process Control	T	2	
	*Arts & Humanities Elective	G	3	
	<b>Total:</b>		17	

Summer Session II				
Course ID	Course Name	T/B/G	Credits	Ck off
	<b>Total:</b>			

**NOTE:** Students must complete the computer literacy requirement in order to graduate which may be met through competency testing or completion of a program specific computer course. Refer to the degree audit and consult with the program advisor for the appropriate course(s) that meet the computer literacy requirement.  
**\*ADDITIONAL INFORMATION ON REVERSE**

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Arts & Humanities Electives		
AMSL 1010	American Sign Language I	3
AMSL 1020	American Sign Language II	3
ARTS 1010	Art History I	3
ARTS 1020	Art History II	3
ARTS 1200	The History of Photography	3
ENGL 2400	Creative Writing	3
ENGL 2420	The Literature of Work	3
ENGL 2450	The Literature of Crime	3
ENGL 2470	The Literature of Sustainability	3
ENGL 2520	British Literature: Industrialism to Present	3
ENGL 2600	American Literature: Civil War to Present	3
HUMS 1020	Critical Thinking	3
PHIL 1010	Introduction to Philosophy	3
PHIL 1020	Introduction to Ethics	3
PHIL 2010	Contemporary Philosophy	3
THTR 1010	Introduction to Theater	3
THTR 1020	Script Analysis	3

Social & Behavioral Science Electives		
BUSM 1510	Microeconomics	3
BUSM 1520	Macroeconomics	3
GEOG 1610	U.S. Geography	3
GEOG 1710	World Regional Geography	3
HIST 1100	Western Civilization to 1492	3
HIST 1110	Western Civilization from 1492 to Present	3
HIST 1200	U.S. History I	3
HIST 1210	U.S. History II	3
POLS 1010	American National Government	3
PSYC 1010	Introduction to Psychology	3
PSYC 1100	Psychology of Gender	3
PSYC 2010	Abnormal Psychology	3
PSYC 2030	Child/Adolescent Psychology	3
PSYC 2080	Psychology of Personality	3
PSYC 2170	Social Psychology	3
PSYC 2310	Educational Psychology	3
SOCI 1010	Introduction to Sociology	3
SOCI 1500	Sociology of the Family	3
SOCI 2050	Deviant Behavior	3
SOCI 2060	Race and Ethnicity	3
SOCI 2180	Social Problems	3
WMST 1010	Introduction to Women's Studies	3