



Mechanical Engineering Technology (MECH) Course of Study 2019-2020

Fall I				
Course ID	Course Name	T/B/G	Credits	Ck off
ENGL 1500	Composition I	G	3	
FYEX 1010	First Year Success Strategies	B	1	
MATH 1250	Algebra and Trigonometry	G	4	
MECH 1000	Engineering Graphics	B	3	
MECH 1200	Manufacturing Processes	T	3	
Total:			14	

Spring I				
Course ID	Course Name	T/B/G	Credits	Ck off
MATH 1350	Pre-Calculus	G	5	
MECH 1500	Survey of 3D Mechanical Modeling	T	3	
PHYS 2010	Physics I	G	4	
	*Technical Elective	T	3	
Total:			15	

Summer I				
Course ID	Course Name	T/B/G	Credits	Ck off
BMCA 1010	Introduction to Microcomputer Concepts and Applications	B	3	
COMM 1220	Interpersonal Communication	G	3	
Total:			6	

Curriculum Summary: General (G)/Basic (B) = 32 Hours

Technical (T) = 32 Hours

Total Curriculum Hours = 64

Fall II				
Course ID	Course Name	T/B/G	Credits	Ck off
ENGL 2800	Professional Writing	G	3	
MECH 2000	Advanced Mechanical 3-D Modeling	T	3	
MECH 2200	Statics	T	3	
MECH 2500	Hydraulics and Pneumatics	T	3	
PHIL 1020	Introduction to Ethics	G	3	
Total:			15	

Spring II				
Course ID	Course Name	T/B/G	Credits	Ck off
CAMT 2500	Computer Aided Machining	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	
Total:			14	

Summer II				
Course ID	Course Name	T/B/G	Credits	Ck off
Total:				

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.

**Mechanical Engineering Technology (MECH)
Course of Study 2019-2020**

Page 2

Technical Electives		
MECH 1100	Mechanical 3-D Modeling	3
MECH 1800	VEX Robotics	3