

Sample Program of Study, B. S. in Mechanical Engineering Technology			
Year 1			
Fall		Spring	
Class	Credit Hours	Class	Credit Hours
ENGL 1101 Composition I	3	ENGL 1102 Composition II	3
MATH 1113 Pre-calculus	4	MATH 2253 Calculus I	4
ENGR 2010 Introduction to Engineering (New) (AREA F)	2	ENGR 2500 Engineering Graphics for Design (New) (AREA F)	2
ARTS 2205 Understanding Art	3	POLS 1101 American Government	3
CHEM 1211K Principles of Chemistry I (AREA F)	4	PSYC 1101 Introduction to General Psychology	3
SGSC 1000	1		
Total	17	Total	15
Year 2			
Fall		Spring	
Class	Credit Hours	Class	Credit Hours
PHYS 2211K Principles of Physics I	4	PHYS 2212K Principles of Physics II	4
MATH 2254 Calculus II (AREA F)	4	MATH 2255 Calculus III	4
ENGR 1121 Computing Applications in Mechanical Engineering Technology (New)	2	ENGR 2231 Engineering Mechanics I (New)	3
HIST 2112 American Civilization II	3	MATH 2150 Linear Algebra (New)	3
CSCI 1301 Computer Science I (AREA F)	4	COMM 1110 Public Speaking	3
Total	17	Total	17

Year 3			
Fall		Spring	
Class	Credit Hours	Class	Credit Hours
ENGL 2111 World Literature I	3	ENGR 3233 Mechanics of Materials (New)	3
MATH 3100 Differential Equations (New)	3	ENGR 3235 Fluid Mechanics (New)	3
ENGR 2131 Electronics and Circuit Analysis (New)	3	ENGR 3431 Thermodynamics (New)	3
ENGR 2232 Dynamics of Rigid Bodies (New)	3	MENT 3130 Mechanism Design (New)	3
ENGR 2139 Numerical Methods in Engineering (New)	3	MENT 3331 Materials Science (New)	3
MENT 2110 Mechanical Engineering Technology Case Studies in Design & Analysis (New)	1		
Total	16	Total	15

Year 4			
Fall		Spring	
Class	Credit Hours	Class	Credit Hours
DVRS 1101 Topics in Diversity	1	POLS 2401 Global Issues	3
MENT 3135 Machine Design (New)	3	MENT 4202 Senior Design II (New)	1
MENT 3233 Heat Transfer (New)	2	ME Elective	3
MENT 3531 Introduction to Mechatronics (New)	3	MENT 4403 Heat Transfer and Thermodynamics Lab (New)	1
MENT 3333 Materials Processing (New)	3	MENT 4430 Engineering Quality Control and Project Management (New)	3
<i>PHED (BoR 3.8.1)</i>	1	<i>HLTH 1103 (BoR 3.8.1)</i>	2
MENT 4201 Senior Design I (New)	1	<i>PHED (BoR 3.8.1)</i>	1
Total	14	Total	14