

CAMPUS: Stanton  
DEPARTMENT: Mechanical Engineering Technology

COURSE SEQUENCE SHEET

Name: \_\_\_\_\_  
SSN: \_\_\_\_\_  
Academic Advisor: \_\_\_\_\_  
Matriculation date: \_\_\_\_\_

No pre-tech requirements  
 ESL  
 MAT 005  
 ENG 005  
 ENG 051  
 RDG 005  
 RDG 051  
 RDG 120  
 MAT 012  
 MAT 015  
 MAT 075

**RDG 120, Critical Reading and Thinking, will be a required course unless the student attains a specific minimum score on the College Placement Test.**

Curriculum: Mechanical Engineering Technology  
Effective: 7/1/06

Curriculum Code Designation: MET

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		GRADE	PREREQUISITES	COREQUISITES
				Offered	Completed			
<b>FIRST SEMESTER (FALL)</b>								
ENG 121 Composition	3	0	3	Fall			RDG 120, ENG 051	
MAT 181 Algebra & Trigonometry I	4	0	4	Fall			MAT 015, MAT 016, MAT 075	
MET 115 Introduction to MET	2	2	3	Fall				
MET 123 Modern Mfg. Techniques	2	4	3	Fall			MAT 012	
MET 131 Engineering Graphics/CAD	2	4	3	Fall			MAT 012	
Humanities Elective	3	0	3	Fall				
<b>TOTAL</b>	<b>16</b>	<b>10</b>	<b>19</b>					

<b>SECOND SEMESTER (SPRING)</b>								
ENG 122 Tech. Writing & Comm.	3	0	3	Spring			ENG 121	
CIS 107 Computer Applications	2	2	3	Spring			MAT 012	
MAT 182 Algebra & Trigonometry II	4	0	4	Spring			MAT 181	
MET 125 Advanced Mfg. Tech.	2	4	3	Spring			MET 123	
MET 132 Statics	3	0	3	Spring			MAT 181	PHY 171
PHY 171 Physics I	3	2	4				MAT 181	
<b>TOTAL</b>	<b>17</b>	<b>8</b>	<b>20</b>					

<b>THIRD SEMESTER (FALL)</b>								
MAT 2XX Math Elective	4	0	4	Fall			MAT 182 or MAT 185	
MET 241 Fluid Mechanics	3	2	4	Fall			MET 132, PHY 171	
MET 242 Strength of Materials	2	2	3	Fall			MET 132	
MET 243 Dynamics	3	0	3	Fall			MET 132, PHY 171	
MET 248 Electro-Mech. Systems	3	3	4	Fall			MAT 182, PHY 171	
PHY 172 Physics II	3	2	4	Fall			PHY 171	
<b>TOTAL</b>	<b>18</b>	<b>9</b>	<b>22</b>					

<b>FOURTH SEMESTER (SPRING)</b>								
MET 245 Machine Design	3	0	3	Spring			MET 242, MET 243, MET 248	MET 252, MET 264
MET 252 Fluid Power	2	2	3	Spring			PHY 111	
MET 264 Material Science	3	2	4	Spring			MAT 182	
MET 271 Engineering Project	0	6	2	Spring				
Humanities Elective	3	0	3	Spring				
<b>TOTAL</b>	<b>11</b>	<b>10</b>	<b>15</b>					
<b>GRAND TOTAL</b>	<b>62</b>	<b>38</b>	<b>76</b>					

**MATH ELECTIVE – MAT 255 Business Statistics or  
MAT 281 Calculus I.**