

Mechanical Engineering

First Year – Fall		Credits
MAT 210	Calculus I	4.0
ENG 110	Expository Writing	3.0
CHE 210	General Chemistry I	4.0
HUM 100 Or	Introduction to humanities Or	6.0
SOC 101 Or	Introduction to sociology Or	
PSY 101	General Psychology	
Total		17.0
Spring		
MAT 220	Calculus II	4.0
ENG 111	Literature and Composition	3.0
PHY 210	Physics I	4.0
CHE 220	Chemistry II	4.0
*ME 145	Computer-Aided Drafting	2.0
Total		17.0
Second Year – Fall		
MAT 310	Calculus III	4.0
PHY 220	Physics II	4.0
ENG 202	Technical Writing	3.0
ENGR 204	Electrical Circuits	3.0
Total		14.0
Spring		
MAT 360	Differential Equations	3.0
CHE 310	Organic Chemistry	3.0
MAT 320	Linear Algebra/Vector	3.0
*ME 24600	Engineering Mechanics I	3.0
VPA 192	Public Speaking	3.0
Total		15.0
TOTAL HOSTOS CREDITS		63.0

PRE-REQUISITES FOR E-PERMITS IN MECHANICAL ENGINEERING

ENG 202	3.0 CR.	Technical Writing for Engineering	PRE: ENG 110 & ENG 111
*ME 14500	2.0 CR.	Computer-Aided Drafting	
ENGR 204	3.0 CR.	Electrical Circuits	PRE/CO: PHY 220 & MATH 310 (min. C)

“C” Passing Grade Requirement: MAT 210; MAT 200; MAT 220; MAT 310; MAT 320; MAT 360; CHE 210; CHE 220; CHE 310; PHY 210; PHY 220; ENGR 204; ME 24600 require a minimum passing grade of “C”. It is required a **2.7 GPA** in order to be transferred to City College.