

Hostos Community College Program of Study
 Leading to the A.S. Degree in Electrical Engineering
CUNY PATHWAYS – Electrical Engineering (AS)

First Year – Fall		Credits
Mathematical and Quantitative Reasoning:		
MAT 210	Calculus I (Required)	4.0
ENG 110	Expository Writing	3.0
Life and Physical Sciences:		
CHE 210	General Chemistry I (Required)	4.0
Individual and Society (Choose 1):		
SOC 101 OR PSY 101	Introduction to Sociology OR Introduction to Psychology (Strongly Recommended)	3.0
SubTotal		14.0
Spring		
MAT 220	Calculus II	4.0
ENG 111	Literature and Composition	3.0
World Cultures and Global Issues:		
HUM 100	Introduction to Humanities (Strongly Recommended)	3.0
MAT 215	Modern Programming	3.0
Scientific World:		
CHE 220	General Chemistry II (Required)	4.0
SubTotal		17.0
Second Year – Fall		
MAT 310	Calculus III	4.0
One (1) additional course from Scientific World:		
PHY 210	General Physics I	4.0
ENG 202	Technical Writing for Engineering	3.0
*ENGR 103	Analysis Tools for Engineers	2.0
Creative Expression:		
VPA 192	Fundamentals of Public Speaking	3.0
SubTotal		16.0
Spring		
MAT 360	Differential Equations	3.0
MAT 320	Linear Algebra with Vector Analysis	3.0
ENGR 204	Electric Circuits	3.0
PHY 220	General Physics II	4.0
U.S. Experience in its Diversity:		
HIS 210 OR HIS 211	United States History: Through the Civil War OR United States History: Reconstruction to the Present	3.0
SubTotal		16.0
TOTAL HOSTOS CREDITS		63.0

*Starting Spring 2017 Engr 103 is required to earn an Associate Degree in Electrical Engineering.

“C” Passing Grade Requirement:

MAT 210; MAT 215; MAT 220; MAT 310; MAT 320; MAT 360; CHE 210; CHE 220; PHY 210; PHY 220; ENGR 103 and ENGR 204 require a minimum passing grade of “C”. It is required a **2.7 Overall GPA** and a **2.5 Sciences GPA** in order to be transferred to City College.

