

Hostos Community College Program of Study  
 Leading to the A.S. Degree in Civil Engineering: Track I  
**CUNY PATHWAYS – Civil Engineering (AS)**

First Year – Fall		Credits
<b>Mathematical and Quantitative Reasoning:</b>		
MAT 210	Calculus I (Required)	4.0
ENG 110	Expository Writing	3.0
<b>Life and Physical Sciences</b>		
CHE 210	General Chemistry I (Required)	4.0
<b>World Cultures and Global Issues:</b>		
HUM 100	Introduction to humanities (Strongly Recommended)	3.0
<b>Individual and Society (Choose 1):</b>		
SOC 101 <u>OR</u> PSY 101	Introduction to Sociology <u>OR</u> Introduction to Psychology (Strongly Recommended)	3.0
<b>SubTotal</b>		<b>17.0</b>
<b>Spring</b>		
MAT 220	Calculus II	4.0
ENG 111	Literature and Composition	3.0
<b>Scientific World:</b>		
CHE 220	General Chemistry II	4.0
<b>One (1) additional Course from Scientific World:</b>		
PHY 210	General Physics I	4.0
MAT 215	Modern Programming	3.0
<b>Total</b>		<b>18.0</b>
<b>Second Year – Fall</b>		
MAT 310	Calculus III	4.0
PHY 220	General Physics II	4.0
<b>U.S. Experience in its Diversity:</b>		
HIS 210 <u>OR</u> HIS 211	United States History: Through the Civil War <u>OR</u> United States History: Reconstruction to the Present	3.0
*CE 20900	Structural and Site Plans	3.0
<b>SubTotal</b>		<b>14.0</b>
<b>Spring</b>		
MAT 360	Differential Equations	3.0
MAT 320	Linear Algebra with Vector Analysis	3.0
*CE 26400 <u>OR</u> ENGR 204	Civil Engineering Data Analysis <u>OR</u> Electrical Circuits	3.0
ENG 202	Technical Writing for Engineering	3.0
<b>Creative Expression:</b>		
VPA 192	Fundamentals of Public Speaking	3.0
<b>SubTotal</b>		<b>15.0</b>
<b>TOTAL HOSTOS CREDITS</b>		<b>64.0</b>

**\*CE 20900 and CE 26400 will be taken on ePermit at CCNY**

“C” Passing Grade Requirement: MAT 210; MAT 215; MAT 220; MAT 310; MAT 320; MAT 360; CHE 210; CHE 220; PHY 210; PHY 220 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.

