Hostos Community College Program of Study
Leading to the A.S. Degree in Civil Engineering: Track II
CUNY PATHWAYS – Environmental 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
World Cultures and Global Issues:		
HUM 100	Introduction to Humanities (Strongly Recommended)	3.0
Individual and Society (Choose 1):		
SOC 101 OR **PSY 101**	Introduction to Sociology **OR** Introduction to Psychology (Strongly Recommended)	3.0
SubTotal		**17.0**
Spring		
MAT 220	Calculus II	4.0
ENG 111	Literature and Composition	3.0
Scientific World:		
CHE 220	General Chemistry II	4.0
One (1) additional Course from Scientific World:		
PHY 210	General Physics I	4.0
MAT 215	Modern Programming	3.0
Total		**18.0**
Second Year – Fall		
MAT 310	Calculus III	4.0
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
ENGR 204 OR ***ENGR 103**	Electrical Circuits **OR** Analysis Tools for Engineers	3.0 2.0
SubTotal		**13.0-14.0**
Spring		
MAT 360	Differential Equations	3.0
***ENGR 106 OR** ***EAS 106**	Engineering Earth Sciences **OR** Earth System Science	4.0
MAT 320	Linear Algebra	3.0
ENG 202	Technical Writing for Engineering	3.0
Creative Expression:		
VPA 192	Fundamentals of Public Speaking (Strongly Recommended)	3.0
SubTotal		**16.0**
TOTAL HOSTOS CREDITS		**64.0-65.0**

***ENGR 103, ENGR 106 and EAS 106 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; CHE 310; CHE 312; CHE 320; 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.

Hostos CC Pathways Common Core Approved Courses (30 Credits)

Required Common Core Courses			Flexible Common Core Courses				
English Composition	**Mathematical and Quantitative Reasoning**	**Life and Physical Sciences**	**World Cultures and Global Issues**	**U.S. Experience in Its Diversity**	**Creative Expression**	**Individual and Society**	**Scientific World**
ENG 101	MAT 100	BIO 110	ANT 101	BLS 114	ENG 203	CJ 101	BIO 120
ENG 102	MAT 105	BIO 210	BLS 101	ENG 225	ENG 204	ECO 101	BIO 130
ENG 110	MAT 115	BIO 220	ENG 200	HIS 210	ENG 210	ECO 102	BIO 210
ENG 111	MAT 119	BIO 230	ENG 213	HIS 211	ENG 212	ENG 223	BIO 220
	MAT 120	BIO 240	ENG 215	LAC 101	ENG 214	ENG 224	BIO 230
	MAT 160	CHE 105	ENG 222	LAC 132	ENG 221	ENG 228	BIO 240
	MAT 210	CHE 110	HIS 201	POL 101	LAC 246	ENG 230	BIO 260
	MAT 220	CHE 210	HIS 202	WGS 100	VPA 114	LIN 100	BIO 310
	MAT 310	CHE 220	HUM 100		VPA 141	LIN 102	CHE 210
		ENV 110	LAC 108		VPA 181	LIN 103	CHE 220
		PHY 105	LAC 118		VPA 192	PSY 101	CHE 310
		PHY 110	POL 207			PSY 110	CHE 312
		PHY 120	SPA 117			PSY 120	MAT 160
		PHY 210	SPA 118			PSY 121	MAT 210
		PHY 220	WGS 200			SOC 101	MAT 310
							PHY 110
							PHY 120
							PHY 210
							PHY 220