

Hostos Community College
Office of Academic Achievement
A.S. Electrical Engineering Science (23)
Catalog Year 2011 – 2012

ENG 089 (049) ___ 2cr	ENG 091 (1301) ___ 3cr	ESL 015 (1315) ___ 2cr	ESL 035 (1335) ___ 2cr	ESL 084 (1384) ___ 2cr	MAT 010 (1604) ___ 0cr
ENG 090 (050) ___ 2cr	ENG 092 (1399) ___ 1cr	ESL 016 (1316) ___ 2cr	ESL 036 (1336) ___ 1cr	ESL 086 (1386) ___ 3cr	MAT 020 (1622) ___ 1cr
	ENG 094 (051) ___ 3cr <small>After passing Writing test, credits for ENG 110. NOT to be included with developmental credits</small>	ESL 025 (1325) ___ 2cr	ESL 037 (1337) ___ 1cr	ESL 088 (1388) ___ 2cr	MAT 030 (1624) ___ 2cr <small>Developmental course for students who pass M1 and M2 but not M3. Prerequisite ONLY for MAT 160</small>
		ESL 026 ___ 1cr	ESL 081 (1381) ___ 3cr	ESL 091 (ENG 1300) ___ 3cr	
		ESL 027 ___ 1cr	ESL 082 (1382) ___ 3cr	ESL 092 (ENG 1396) ___ 1cr	
			ESL 083 (1383) ___ 2cr		
Total credits from developmental courses _____					

**CUNY Assessment Tests and
Graduation Requirements**

Reading ___(P/F)
Writing ___ (P/F)
Math I ___ (P/F)
Math II ___ (P/F)

Two Writing Intensive Courses
1 _____
2 _____

GPA of at least 2.7 ___(Y/N)

All academic credits for developmental courses listed above can be counted as free electives

General Education Requirements 15 credits

ENG 110 (1302)	Expository Writing	3cr ___
ENG 111 (1303)	Literature and Composition	3cr ___
PSY 101 (1032)	General Psychology	3cr ___
SOC 101 (1232)	Introduction to Sociology	3cr ___
VPA 192 (3612)	Fundamentals of Public Speaking	3cr ___
	Total General Education Requirements	15cr ___

Major Requirements 45 credits

MAT 200 (1698)	Modern Programming	<i>Minimum grade of C required</i>	3cr ___
MAT 210 (1642)	Calculus I	<i>Minimum grade of C required</i>	4cr ___
MAT 220 (1644)	Calculus II	<i>Minimum grade of C required</i>	4cr ___
MAT 310 (1646)	Calculus III	<i>Minimum grade of C required</i>	4cr ___
MAT 320 (1722)	Linear Algebra with Vector Analysis	<i>Minimum grade of C required</i>	3cr ___
MAT 360 (1742)	Differential Equations	<i>Minimum grade of C required</i>	3cr ___
PHY 210 (4502)	Physics I	<i>Minimum grade of C required</i>	4cr ___
PHY 220 (4504)	Physics II	<i>Minimum grade of C required</i>	4cr ___
CHE 210 (4002)	General Chemistry I	<i>Minimum grade of C required</i>	4cr ___
CHE 220 (4004)	General Chemistry II	<i>Minimum grade of C required</i>	4cr ___
ENGR 10300*	Tool/Engineers	<i>Minimum grade of C required</i>	2cr ___
ENGR 20400*	Electric Circuits	<i>Minimum grade of C required</i>	3cr ___
ENG 202	Technical Writing		3cr ___
	Total Major Requirements		45cr ___

Total for A.S. Degree Completion **60cr** ___

* Courses will be co-listed. Students will be given a permit to attend CCNY until such time as there is sufficient enrollment to offer the course at Hostos.

Students needing remedial or compensatory courses will require additional credits for graduation.

Advisor Signature _____

Student Signature _____

Last Updated: February 9, 2012