

Hostos Community College  
Office of Academic Achievement  
**A.S. Mechanical Engineering (42)**  
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. <b>NOT</b> 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 <b>ONLY</b> 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 \_\_\_\_\_

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

**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)

Must earn a grade of D or better to acquire academic credit for a course

**Mechanical Engineering Requirements 63 credits**

ENG 110 (1302)	Expository Writing	<b>3cr</b> ___
ENG 111 (1303)	Literature & Composition	<b>3cr</b> ___
VPA 192 (3612)	Fundamentals of Public Speaking	<b>3cr</b> ___
 <i>Liberal Arts – Select <b>TWO</b> (2) of the following: 6cr</i>		
HUM 100 (3001)	Introduction to Humanities ___3cr	
SOC 101 (1232)	Introduction to Sociology ___3cr	<b>6cr</b> ___
PSY 101 (1032)	Introduction to Psychology ___3cr	
ENG 202	Technical Writing	<b>3cr</b> ___
ENGR 204	Electrical Circuits <small>Minimum grade of C required</small>	<b>3cr</b> ___
MAT 210 (1642)	Calculus I <small>Minimum grade of C required</small>	<b>4cr</b> ___
MAT 220 (1644)	Calculus II <small>Minimum grade of C required</small>	<b>4cr</b> ___
MAT 310 (1646)	Calculus III <small>Minimum grade of C required</small>	<b>4cr</b> ___
MAT 320 (1722)	Linear Algebra/Vector <small>Minimum grade of C required</small>	<b>3cr</b> ___
MAT 360 (1742)	Differential Equations <small>Minimum grade of C required</small>	<b>3cr</b> ___
ME 145*	Computer-Aided Drafting	<b>2cr</b> ___
ME 24600*	Engineering Mechanics I <small>Minimum grade of C required</small>	<b>3cr</b> ___
PHY 210 (4502)	Physics I <small>Minimum grade of C required</small>	<b>4cr</b> ___
PHY 220 (4504)	Physics II <small>Minimum grade of C required</small>	<b>4cr</b> ___
CHE 210 (4002)	Chemistry I <small>Minimum grade of C required</small>	<b>4cr</b> ___
CHE 220 (4004)	Chemistry II <small>Minimum grade of C required</small>	<b>4cr</b> ___
CHE 310	Organic Chemistry <small>Minimum grade of C required</small>	<b>3cr</b> ___

**Total for A.S. Degree Completion 63cr** \_\_\_

\* Course 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.

Advisor Signature \_\_\_\_\_

Student Signature \_\_\_\_\_

*Last Updated: February 9, 2012*