

ARTICULATION AGREEMENT BETWEEN BOROUGH OF MANHATTAN COMMUNITY
COLLEGE ENGINEERING SCIENCE PROGRAM LEADING TO THE A.S.
DEGREE AND THE CITY COLLEGE SCHOOL OF ENGINEERING
MARCH 1988

Students who have completed the Engineering Science Program and graduated with an A.S. at Borough of Manhattan Community College will have their courses evaluated and accepted as shown below.

BOROUGH OF MANHATTAN C.C.	CITY COLLEGE
PHY 215 (4) University Physics I	Physics 207
MAT 301 (4) Analytic Geometry and Calculus I	Math. 101
ENG 101 (3) English Composition I	Eng. 110
MUS 110 (2) Introduction to Music	Music 101
ART 110 (2) Art Survey I	Art 100
SCI 120 (4) Computer Methods in Science	Csc. 101 (Note 1)
PHY 225 (4) University Physics II	Phys. 208
MAT 302 (4) Analytic Geometry and Calculus II	Math. 202
CHE 210 (4) Chemistry I	Chem. 103
ENG 201 (3) English Composition II	L.A. Elective
PED 100 (1) Physical Education	Blanket (Note 2)
CHE 220 (4) Chemistry II	Chem. 104 & 108 (Note 3)
MAT 303 (4) Analytic Geometry and Calculus III	Math. 203
ENGLISH LITERATURE	
SCI 130 Engineering Graphics	Graph. 145 (Note 4)
PHY 230 (4) Engineering Mechanics	Phys. 322 (Note 5)
PHY 240 (4) Modern Physics	Phys. 321
MAT 501 (3) Ordinary Differential Equations	Math. 291 (Note 6)
SOCIAL SCIENCE ELECTIVE	
SPE 100 (3) Fundamentals of Speech	(Amer. Hist. recommended) Speech 111

LIBERAL ARTS ELECTIVE

elective

PHY 245 (3)	Thermodynamics	M.E.	231
PHY 250 (3)	Circuits and Systems	E.E.	204
CHE 230 (5)	Organic Chemistry I	Chem.	261, 262
CHE 240 (5)	Organic Chemistry II	Chem.	263
MAT 215	Linear Algebra	Math.	294
SCI 121	Computer Methods in Science Pascal	CSC	102
SCI 210	Geology I	EPS	213

Notes

1. Csc 101 is required for Chemical, Civil, and Mechanical Engineering majors.

Csc 102 is required for Electrical Engineering and Computer Science majors.

2. Non-activity Physical Education courses receive no credit in the School of Engineering, except as free electives in Computer Science.

3. CCNY Chemistry 104/108 (BMCC CHE 220) are not required for Mechanical and Electrical Engineering majors.

4. CCNY Graph. 145 (BMCC SCI 130) is required only for Civil and Mechanical Engineering majors.

5. CCNY Phys. 322 (BMCC PHY 230) is required only for Chemical Engineering majors. It may be used as a technical elective in Computer Science.

6. CCNY Math. 291 (BMCC MAT 501) is not required for Computer Science majors, but may be used as a technical elective.

The above agreement has been verified and accepted.