

Transfer Application Information:

Direct Admissions: Walk-in applications for admissions are welcome. Typically, Direct Admission is available once registration for the upcoming semester opens. We urge you to apply as early as possible. Information on City Tech's Direct Admission is available at: <http://www.citytech.cuny.edu/directadmissions/>

You may also apply through the University Application Processing Center (UAPC):

UAPC Application Due Dates:

February 1 for fall admission, September 15 for spring admission.

For Detailed information on applying through UAPC, visit:
<http://www2.cuny.edu/admissions/undergraduate/apply/>

Current CUNY students are exempt from paying the UAPC transfer application fee.

Course descriptions and/or syllabi may be required for transfer equivalency of additional courses that could be applied towards Math ED Requirements.

CONTACT US:

MATHEMATICS DEPARTMENT HOSTOS COMMUNITY COLLEGE

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HOSTOS → **CITY TECH**

Transfer Information for the Associate of Science (AS) in
MATHEMATICS EDUCATION
Graduates Continuing their Education

PATHWAY TO A BACHELOR OF MATH ED

COURSES TRANSFERRED FROM EUGENIO MARIA DE HOSTOS
COMMUNITY COLLEGE

Students transferring from Hostos Community College with an Associate's Degree in Mathematics shall enter the Bachelor of Science in Mathematics Education Program at New York City College of Technology as juniors. They will have the following courses transferred to New York City College of Technology.

COURSE-TO-COURSE EQUIVALENCIES AND TRANSFER CREDIT AWARDED

Eugenio Maria de Hostos Community College		New York City College of Technology	
Course and Title	Credits	Course and Title	Credits Granted
ENG 110 English Composition I (Required Common Core)	3	ENG 1101 English Composition I	3
ENG 111 English Composition II (Required Common Core)	3	ENG 1121 English Composition II	3
Choose one of the following: BIO 210 Biology CHE 210 Chemistry PHY 210 Physics (Life and Physical Sciences)	4	Life and Physical Sciences Required General Education	4
BIO 220 OR CHE 220 (Scientific World)	4	BIO 1201 OR CHEM 1210 OR PHY 1442 Physics Elective	4
PSY 101 General Psychology (Individual and Society)	3	PSY 1101 Introduction to Psychology (Individual and Society)	3
VPA 192 Fundamentals of Public Speaking Creative Expression	3	COMM 1330 Effective speaking Required General Education	3
Foreign Language World Cultures and Global Issues	3	Foreign Language World Cultures and Global Issues	3
US Experience in its Diversity	3	US Experience in its Diversity	3
MAT 210 Calculus I Mathematical and Quantitative Reasoning	4	MAT 1475 Calculus I Required Content Course	4
MAT 220 Calculus II Required Course	4	MAT 1575 Calculus II Required Content Course	4
MAT 310 Calculus III Required Course	4	MAT 2675, Calculus III Math Application Elective	4
MAT 360 Differential Equations Optional Required Course OR MAT 215 Modern Programming OR CSC 215 Modern Programming	3	MAT 2680, Differential Equations Mathematics Elective OR CST 1101 and requirement to take MAT 1476L is satisfied OR CST 1101 and requirement to take MAT1467L is satisfied	3
MAT 217 Linear Algebra	4	MAT 2580 Linear Algebra + 1cr. Math Application Elective	4
EDU 117 Adolescent Development; Free Elective	3	EDU 2610 Child and Adolescent Development Required General Pedagogy	3
EDU 150 Introduction to Special Education ; Free Elective	3	EDU 2455 Methods and Materials for Special Needs Student Required General Pedagogy	3
EDU 130 Teaching in the Multicultural /Multilingual Classroom; Free elective	3	EDU 3670: Methods of Literacy Instruction Required General Pedagogy	3
EDU 140 Instructional Strategies for Middle and High School; Free Electives	3	EDU 3610 Human Learning and Instruction Required General Pedagogy	3
Free Elective	3	Elective	3
Total	60	Total	60

Total transfer credits granted toward the baccalaureate degree:60

SENIOR COLLEGE COURSES REMAINING FOR COMPLETION OF BACCALAUREATE DEGREE

Course and Title	Credits
Mathematics Core Content Courses	
MAT 2071 Introduction to Proofs and Logic	4
MAT 2630 Numerical Methods	3
MAT 2572 Probability and Mathematical	4
MAT 3021 Number Theory	4
MAT 3050 Geometry I	4
MAT 3075 Introduction to Real Analysis	4
MAT 3080 Modern Algebra	4
MAT 4050 Geometry II	3
MAT 4030 History of Mathematics	3
PEDAGOGICAL CORE	
Specialized Pedagogical Courses	
MEDU 1010 Foundations of Mathematics Education	3
MEDU 1021 Teaching and Learning Strategies for Mathematics Teachers	3
MEDU 2010 Pedagogy of Mathematics Applications and Technology	2
MEDU 3011 Methods of Teaching Middle School Mathematics	3
MEDU 3020 Methods of Teaching Secondary School Mathematics	4
MEDU 4040 Supervised Student Teaching and Seminar in Middle and High School Mathematics	9
Common Pedagogical Core	
EDU 4600 Professional Development Seminar	2
Additional Requirements: 6 credits of college option courses from the following three categories	
Liberal Arts Courses from outside the major OR Liberal Arts Course from outside the major that is “advanced” i.e. with one prerequisite in the discipline	3
Foreign Language (Second Semester)	3
Interdisciplinary Course	3
TOTAL	66

Total additional credits required at the senior college to complete baccalaureate degree: 63

Students are required to take two (2) Writing Intensive(WI) courses to graduate from Hostos. They can fulfill this requirement taking Gen. Ed. WI courses and/or taking the WI courses offered within their Major. In general, students are advised and encouraged to take the latter option. The 5 WI courses currently available in the major are marked with WI in the table above.

