



ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Eugenio Maria de Hostos Community College
Department: Mathematics Department
Program: Civil Engineering
Degree: Associate in Science (A.S.)

Receiving College: New York City College of Technology
Department: Construction Management and Civil Engineering Technology
Program: Construction Engineering Technology
Degree: Bachelor of Technology (B.Tech)



B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

- 2.5 overall GPA

Eugenio Maria de Hostos Community College (Hostos) graduates with the A.S. in Civil Engineering (CE) **who select the electives specified in this articulation agreement** will receive 64 transfer credits, with 60 contributory credits toward the Bachelor of Technology in Construction Engineering Technology at New York City College of Technology. (See Section C below, “Course to Course Equivalencies and Transfer Credit Awarded.”) In addition, they will be deemed to have met all Required Core Flexible Core General and WI Education requirements at New York City College of Technology.

Total transfer credits: **64**

Total contributory credits from associate degree: **60**

Total additional credits required at the senior college to complete baccalaureate degree: **72**

Total credits required to earn the B.Tech in Construction Engineering Technology: **136**

C. TRANSFER CREDITS AWARDED

Hostos graduates who complete the A.S. degree in Civil Engineering will receive 53 credits toward the Bachelor of Technology (B.Tech.) degree in Construction Engineering Technology at New York City College of Technology.

Common Core	
Required Common Core	Credits
ENG 110 – Expository Writing	3
ENG 111 –Literature and Composition	3
MAT 210 –Calculus I	4
CHE 210 – General Chemistry (Optional WI)	4
Flexible Common Core	
HUM 100 – Introduction to Global Humanities (WCGI)	3
HIS 210 US History: Through the Civil War or HIS211- Reconstruction to the Present (USED)	3
VPA192- Fundamentals of Public Speaking (CE)	3
SOC101 or PSY 101 (IS)	3
PHY 210 – General Physics I (SW) (Optional WI)	4
CHE 220 – General Chemistry II (SW) (Optional WI)	4
Total Common Core	34
Major Required Courses	
ENG 202 – Technical Writing (Optional WI)	3
CSC 215 – Modern Programming	3
MAT 220 – Calculus II	4
MAT 310 – Calculus III	4
MAT 320 – Linear Algebra and Vector Analysis	3
MAT 360 – Ordinary Differential Equations	3
PHY 220 – General Physics II (WI)	4
Elective Courses	
CE 20900 – Structural and Site Plans	3
ENGR 204 – Electrical Circuits	3
Total Program Credits	30
Total Credits	64

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 the CE Major. In general, Engineering students are advised and encouraged to take the latter option. The 5 WI courses currently available in the CE major are marked with WI in the table above.

D. COURSE EQUIVALENCIES

Hostos Course	Credits	City Tech Course	Credits
ENG 110 – Expository Writing	3	ENG 1101 – English Composition I	3
ENG 111 –Literature and Composition	3	ENG 1121 – English Composition II	3
MAT 210–Calculus I	4	MAT 1475 – Calculus I	4
MAT 220 – Calculus II	4	MAT 1575 – Calculus II	4
MAT 310- Calculus III	4	MAT 2675 - Calculus III	4
MAT 320 - Linear Algebra and Vector Analysis	3	MAT 2580 - Introduction to Linear Algebra	3
MAT 360 – Ordinary Differential Equations	3	MAT 2680 – Differential Equations (Liberal Arts Advanced)	3
PHY 210 – General Physics I	4	PHYS 1433 – General Physics I: Algebra-Based	4
PHY 220 – General Physics II	4	PHYS 1434 – General Physics II: Algebra-Based	4
HIS 210 US History: Through the Civil War or HIS211- Reconstruction to the Present (USED)	3	Flexible Common Core: USED	3
HUM100 (WCGI)	3	WCGI	-----
SOC101 or PSY101 (IS)	3	IS	3
VPA192- Fundamentals of Public Speaking (CE)	3	COM 1330 – Public Speaking	3
CHE 210 – General Chemistry	4	CHEM 1110 – General Chemistry (SW)	4
CHE 220 - General Chemistry II	4	CHEM 1210 - General Chemistry II	4
CE 20900- Structural Site Plans	3	CMCE 1110 – Construction Drawings I	2
ENG 202 – Technical Writing	3	ARCH 3551 - Sustainability : History and Practice	3
CSC 215 – Modern Programming	3	CMCE 4400 – Technical Elective	3
ENGR 204 – Electrical Circuits	3	CMCE 4400 – Technical Elective	3
TOTAL	64	TOTAL	60

Note that the requirement of two GenEd Writing Intensive (WI) courses at City Tech will be satisfied with the two WI courses transferred from Hostos. The transferred WI courses could be Flexible Common Core WI courses and/or CE Major WI courses (CHEM 210-WI, CHEM 220-WI, PHY 210-WI, PHY 220-WI, ENG 202-WI).

E. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE¹

College Option Requirements²	Credits
ECON 1101 Macroeconomics	3
Interdisciplinary Course (must be WI)	3
Major Requirements	Credits
CMCE 1115 Statics	3
CMCE 1114 Materials and Methods of Construction I	3
CMCE 1211 Construction Drawings II	2
CMCE 1215 Strength of Materials	2
CMCE 1222 Surveying I	3
CMCE 2306 Materials Testing Laboratory (WI)	2
CMCE 2315 Elements of Structural Design-Steel	3
CMCE 2322 Surveying II	3
CMCE 2319 Building Service Systems	2
CMCE 2351 Fluid Mechanics (WI)	4
CMCE 2351 Fluid Mechanics Lab	0
CMCE 2410 Construction Drawings III	2
CMCE 2416 Elements of Structural Design-Concrete	3
CMCE 2454 Applied Hydraulics- Water Supply	2
CMCE 2456 Soil Mechanics (WI)	3
CMCE 2457 Construction Techniques in Civil Engineering	2
CMCE 2412 Construction Estimating	2
CMCE 3501 Steel Fabrication Detailing	3
CMCE 3520 Construction Management for Civil Engineering Technologists	4
CMCE 3602 Heavy Construction Practices	3
CMCE 4700 Construction Law	3
CMCE 4701 Construction Field Management	3
CMCE 4702 Construction and Site Safety Management	3
CMCE TECH 4400 Series	3
CMCE 4800 Senior Capstone Project (WI)	3
Subtotal	72
Total credits to be taken at City Tech	72
Total Credits transferred from Hostos	64
Total Credits Needed for the BTECH Degree	136

City Tech grants a BTech in Construction Engineering Technology upon satisfactory completion of the required 124 to 126 credits at City Tech. Students transferring from Hostos with an A.S. in CE (64 credits) and who complete the BTech in Construction Engineering Technology at City Tech (72 credits) will graduate with 136 credits (this includes the 60 credits of course equivalencies accepted towards the program and listed in Section D).

¹ In addition to requirements of the AS degree, City Tech bachelor's degree students are required to take one Writing Intensive (WI) course in the Major and one WI course in the liberal arts and sciences. **All graduates must also satisfy CUNY Pathways requirements.**

² Complete lists of liberal arts and sciences courses and advanced liberal arts and sciences courses, as well as semester-specific lists of interdisciplinary courses, are available online at the City Tech Pathways website.

E. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

1. Procedures for reviewing, updating, modifying or terminating agreement:

When either of the degree programs involved in this agreement undergoes a change, the agreement will be reviewed and revised accordingly by faculty from each institution's respective departments, selected by their chairpersons and/or program directors.

2. Procedures for evaluating agreement, i.e., tracking the number of students who transfer under the articulation agreement and their success:

Each year New York City College of Technology will provide Hostos Community College with the following information: a) the number of Hostos students who enrolled; and d) the aggregate GPA of these enrolled students.

3. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisers, Websites, etc.:

This articulation agreement will be publicized on the Hostos and the New York City College of Technology' websites. Transfer advisors at Hostos CC will promote this agreement with eligible students.

Hostos students who plan to transfer into the Construction Engineering Technology degree program at New York City College of Technology are advised to choose the listed of program requirements indicated in this document in order to satisfy the requirements for the A.S. degree in Civil Engineering at Hostos and to ensure that the maximum number of credits are transferred to satisfy the Construction Engineering Technology program requirements at New York City College of Technology. Refer to the college website for a list of the general requirements for the A.S. degree.

Effective date: Spring 2022