



ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Nassau Community College
Department: Engineering
Program: Civil Engineering Technology
Degree: Associate in Applied Science (A.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

Nassau Community College (Nassau) graduates with the A.S. in Civil Engineering (CE) **who select the electives specified in this articulation agreement** will receive 62 transfer credits, with 62 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 the Required Core Flexible Core General listed in the course equivalencies Section D and associate-level writing intensive (WI) degree requirements at New York City College of Technology.

Total transfer credits: **62**

Total contributory credits from associate degree: **62**

Total additional credits required at the senior college to complete baccalaureate degree: **61**

Total credits required to earn the B.Tech in Construction Engineering Technology: **123**

C. TRANSFER CREDITS AWARDED

Nassau graduates who complete the A.S. degree in Civil Engineering will receive 62 credits toward the Bachelor of Technology (B.Tech.) degree in Construction Engineering Technology at New York City College of Technology.

General Education	
General Education	Credits
ENG 101 – Composition 1 or ENG 100 – Enhanced Composition 1 or ENG 108 – Honors English I	3
COM101 – Interpersonal Communications	3
MAT 111 –Pre Calculus	4
MAT 122 –Calculus I	4
ECO 207 – Principles of Macroeconomics	3
PHY 101 – General Physics I	4
PHY 102 – General Physics II	4
Total General Education	25
Major Required Courses	
ENS 105 – Introduction to AutoCAD	2
CET 101 – Construction Methods	2
CET 103 – Intro to Civil Engineering Technology	2
CET 150 – Blueprint Reading	3
CET 111 – Structural Drawing 1	2
CET 218 – Statics of Structures	3
CET 231 – Elementary Surveying	3
CET 211 – Structural Drawing II	2
CET 219 – Mechanics of Materials	3
CET 222 – Material Testing Laboratory	1
CET 232 – Route Surveying	3
CET 201 – Construction Estimating	2
CET 223 – Structural Steel Design	3
CET 225 – Soils and Foundations	3
CET 240 - Hydraulics	3
Total Major Credits	37
Total Credits	62

D. COURSE EQUIVALENCIES

Nassau Course	Credits	City Tech Course	Credits
ENG 101 or ENG 100 or ENG 108	3	ENG 1101 – English Composition I (ENG common core)	3
MAT 111 –Pre Calculus	4	MAT 1375 – Precalculus (MQR common core)	4
MAT 122 –Calculus I	4	MAT 1475 – Calculus I (SW)	4
ECO 207 – Principles of Macroeconomics	3	ECON1101 – Macroeconomics (USED)	3
COM101 – Interpersonal Communications	3	COM 2404 – Interpersonal Communications (IS)	3
PHY 101 – General Physics I	4	PHYS 1433 – General Physics I: Algebra-Based (LPS common core)	4
PHY 102 – General Physics II	4	PHYS 1434 – General Physics II: Algebra-Based (SW)	4
ENS 105 – Introduction to AutoCAD	2	CMCE 1110 – Construction Drawings I	2
CET 101 – Construction Methods	2	CMCE 1114 – Materials and Methods of Construction I	2
CET 103 – Intro to Civil Engineering Technology	2	CMCE 2457 – Construction Techniques in Civil Engineering	2
CET 150 – Blueprint Reading	3	CMCE Technical Elective	3
CET 111 – Structural Drawing 1	2	CMCE 1211 – Construction Drawings II	2
CET 218 – Statics of Structures	3	CMCE 1115 - Statics	3
CET 231 – Elementary Surveying	3	CMCE 1222 – Surveying I	3
CET 211 – Structural Drawing II	2	CMCE 2410 - Construction Drawings III	2
CET 219 – Mechanics of Materials	3	CMCE 1215 - Strength of Materials	2
CET 232 – Route Surveying	3	CMCE 2322 - Surveying II	3
CET 201 – Construction Estimating	2	CMCE 2412 - Construction Estimating	2
CET 223 – Structural Steel Design	3	CMCE 2315 – Elements of Structural Design Steel	3
CET 225 – Soils and Foundations	3	CMCE 2456 – Soil Mechanics	3
CET 240 – Hydraulics and CET 222- Material Testing Laboratory	3+1	CMCE 2351 – Fluid Mechanics	4
TOTAL	62	TOTAL	62

E. SENIOR COLLEGE UPPER DIVISION COURSES REMAINING FOR BACCALAUREATE DEGREE¹

College Option Requirements²	Credits
ENG 1121 English Composition II	3
MAT 1575 – Calculus II	4
Interdisciplinary Course (must be WI)	3
Flexible Common Core: WCGI	3
Flexible Common Core: CE	3
Liberal Arts Elective or Foreign Language Sequence	3
Major Requirements	Credits
CMCE 1224 Materials and Methods of Construction II	2
CMCE 2306 Materials Testing Laboratory (WI)	2
CMCE 2319 Building Service Systems	2
CMCE 2416 Elements of Structural Design-Concrete	3
CMCE 2454 Applied Hydraulics- Water Supply	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
ARCH 3551 - Sustainability : History and Practice	3
CMCE TECH 4400 Series	3
CMCE TECH 4400 Series	3
CMCE 4800 Senior Capstone Project (WI)	3
Total credits to be taken at City Tech	61
Total Credits transferred from Nassau	62
Total Credits Needed for the BTECH Degree	123

City Tech grants a BTech in Construction Engineering Technology upon satisfactory completion of the required 123 to 126 credits at City Tech. Students transferring from Nassau with an A.S. in CE (64 credits) and who complete the BTech in Construction Engineering Technology at City Tech (61 credits) will graduate with 125 credits (this includes the 62 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 Nassau Community College with the following information: a) the number of Nassau 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 Nassau and the New York City College of Technology' websites. Transfer advisors at Nassau CC will promote this agreement with eligible students.

Nassau students who plan to transfer into the Construction Engineering Technology degree program at New York City College of Technology are advised to choose the courses listed in Section C of this document in order to satisfy the requirements for the A.A.S. degree in Civil Engineering at Nassau 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.

Effective date: Spring 2022

Nassau Community College:

Ms. Donna Haugen, Esq
Officer-in-Charge

Date: _____

Dr. Mark Lausch
Vice President of Academic Affairs

Date: _____

Kathleen Gallagher

Professor Kathleen Gallagher
Chairperson, Department of Engineering, Physics
and Technology

Date: March 9, 2022

New York City College of Technology:

Pamela Brown

Dr. Pamela Brown
Interim Provost and Vice President for Academic Affairs

Date: March 8, 2022

Melanie Villatoro

Professor Melanie Villatoro
Chairperson, Department of Construction Management and
Civil Engineering Technology

Date: 3/6/22