

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 BTech requirements.

QUESTIONS? CONTACT US

Department of Mathematics

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EE-CET Faculty Transfer Coordinator at Hostos

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Dept. Website: <https://www.hostos.cuny.edu/Administrative-Offices/Office-of-Academic-Affairs/Departments/Mathematics>

NSF HSI IUSE Transfer Success Program

Dr. Pamela Brown, Associate Provost (Principal Investigator)

Ms. Laura Yuen-Lau, Program Manager

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Website: <https://www.citytech.cuny.edu/nsf-hsi-iuse-program/>

Department of Computer Engineering Technology

New York City College of Technology

Prof. Sunghoon Jang, Chair

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Dept. Website: <http://www.citytech.cuny.edu/computer-engineering/>

Articulation Agreement Website: (School of Technology and Design)



HOSTOS → City Tech

Transfer Information for Associate of Science (AS) in ELECTRICAL ENGINEERING SCIENCE Graduates Continuing their Education

PATHWAY TO A BACHELOR OF TECHNOLOGY (BTech) in Computer Engineering Technology

City Tech's Bachelor of Technology (BTech) in Computer Engineering Technology takes a multi-disciplinary approach to technology providing theoretical and practical foundations in current and emerging technologies. The program prepares students with employable skills in the areas of *electrical technology*, *electromechanical technology*, *computer hardware*, *software development*, *Information Technology (IT)*, and *computer networks*. The program is accredited by the Engineering Technology Accreditation Commission of ABET (ETAC/ABET). As a student you will:

- Learn how to use engineering principles to integrate the technologies mentioned above to control electromechanical devices, and develop computer controlled and embedded systems.
- Have the opportunity to participate in national and international competitions on robotics, hardware design, and technology; our students' teams have won several of these competitions.
- Develop in demand job skills. Computer related jobs are experiencing the fastest growth, with salaries well above the national average, top employment rates, and a range of promotion opportunities.

If you like to create, if you want to understand how computers and other systems interact or work, if you want to have fun while you learn and you are willing to work hard, then the CET program at City Tech is the one for you.

This pamphlet summarizes a pathway to your bachelor's degree, made possible through an articulation agreement approved by both Hostos and City Tech.

You are cordially invited to apply to City Tech and take the next step towards your professional advancement.

Courses to be Taken at Hostos for AS – Transfer Credits Awarded

| Hostos Community College (AS) Transfer Credits Awarded | Credits |
|---|-----------|
| I. Required Common Core (4 courses, 14 credits) | |
| ENG 110: Expository Writing (English Composition) | 3 |
| ENG 111: Literature and Composition (English Composition) | 3 |
| MAT 210: Calculus I | 4 |
| CHE 210: General Chemistry I (optional WI) | 4 |
| II. Flexible Common Core (6 courses, 20 credits) | |
| Flexible Common Core: World Cultures and Global Issues | 3 |
| Flexible Common Core: U.S. Experience in Its Diversity | 3 |
| Flexible Common Core: Creative Expression | 3 |
| Flexible Common Core: Individual & Society | 3 |
| CHE 220: General Chemistry II (optional WI) | 4 |
| PHY 210: General Physics I (optional WI) | 4 |
| Total General Education Common Core | 34 |
| III. Major Requirements (8 courses, 30 credits) | |
| CSC 215: Modern Programming | 3 |
| ENGR 103: Analysis Tools for Engineers | 2 |
| ENGR 204: Electric Circuits | 3 |
| MAT 220: Calculus II | 4 |
| MAT 310: Calculus III | 4 |
| MAT 320: Linear Algebra & Vector Analysis | 3 |
| MAT 360: Ordinary Differential Equations | 3 |
| PHY 220: General Physics II (WI) | 4 |
| ENG 202: Technical Writing (optional WI) | 3 |
| Subtotal | 29 |
| Total Program Credits | 63 |

Upon acceptance into the BTech in Computer Engineering Technology (CET) Program at New York City College of Technology (City Tech), graduates with an A.S. in Electrical Engineering (EE) from Eugenio Maria de Hostos Community College (Hostos) will be granted a total of 63 transfer credits from the EE program at Hostos. From course equivalency, 55 credits will count towards the BTech in CET. Transferring students will be required to complete additional 73 credits in the CET Program to earn the BTech in CET degree at City Tech.

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

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 EE Major WI courses (CHEM 210-WI, CHEM 220-WI, PHY 210-WI, PHY 220-WI, ENG 202-WI).

Courses to be Taken at City Tech for Baccalaureate Degree Completion

| I. College Option (2 courses, 6 Credits) | Credit |
|---|------------|
| Interdisciplinary Course | 3 |
| COM 1330 Effective Speaking or Advanced Liberal Arts Course (if student has already taken oral communication) | 3 |
| Subtotal | 6 |
| II. Program Core Discipline Related Courses (23 courses, 67 credits) | |
| EMT 1220 Mechanisms | 4 |
| EMT 1250 Fundamentals of Digital Systems | 4 |
| EMT 1255 Electronics | 4 |
| EMT 2320 Advanced Mechanisms | 5 |
| EMT 2370 Computer Hardware Systems | 2 |
| EMT 2390L Operating Systems Laboratory | 1 |
| EMT 2455 Data Communications | 2 |
| EMT 2461 Electromechanical Systems: Software Interface | 2 |
| EMT 2480L Electromechanical Systems Laboratory | 1 |
| EMT 2410 C/C++ Program for Embedded System | 3 |
| CET 3510 Microcomputer Systems Technology | 4 |
| CET 3525 Electrical Networks | 4 |
| CET 3615 Instrumentation and Data Acquisition | 4 |
| CET 3625 Applied Analysis Laboratory | 1 |
| CET 3640 Software for Computer Control | 3 |
| CET 4705 Component and Subsystem Design I | 2 |
| CET 4711 Computer Controlled System Design | 2 |
| CET 4773 Inter-networking Technology | 4 |
| Tech Elective I | 3 |
| CET 4805 Component and Subsystem Design II | 2 |
| CET 4811 Capstone Design Project | 2 |
| CET 4864 Feedback Controlled Systems | 4 |
| Tech Elective II | 4 |
| Subtotal | 67 |
| Total Credits to be Taken at City Tech | 73 |
| Total Credit Transferred from Hostos | 63 |
| Total Credits Required for BTech Degree | 136 |

Prerequisite: Students will be given a permission to take CET4711 with CET3640 as co or pre-requisite (instead of a pre-requisite).

About COM 1330, since graduated students with an A.S. in EE from Hostos have taken VPA 192: Fundamentals of Public Speaking (Flexible common core: Creative expression), transferring students should take a course at higher level than COM 1330 once at City Tech.

City Tech grants a BTech in CET upon satisfactory completion of the required 128 to 130 credits at City Tech. Students transferring from Hostos with an A.S. in EE (63 credits) and who complete the BTech in CET at City Tech (73 credits) will graduate with 136 credits (this includes the 55 credits of course equivalencies accepted towards the CET program and listed in Section D).