

## DEPARTMENT: MATHEMATICS

As a member of the **Department of Mathematics** you will join a group of students who are part of the **School of Arts and Sciences** at New York City College of Technology, City University of New York.

**Mission:** Mathematics is the language of science and technology. It is the language used to translate real world problems into a form in which a solution can be found. The goal of the department is to provide all students with the mathematical foundation they need for their careers and for lifelong learning.

**Students in a Mathematics major** can join department clubs such as the Society for Industrial and Applied Mathematics and engage in other opportunities. [Link.](#) They are provided with important resources and are often interested in acquiring the following skills and aptitudes. [Link.](#)

Students in the math department may apply for several opportunities to earn money through the department. These opportunities include becoming a tutor, peer leader, or other position that use your math skills.

### Options for Employment and Further Study

Employers value computer science, applied mathematics, and mathematics education graduates, not just for their specific technical skills, but for the broad analytic and problem-solving abilities that are developed in the study of these subjects. Both computer science and applied mathematics programs feature internship opportunities, where students can earn credits while working for an actual real-world employer. There are also opportunities to work with faculty on research projects, attend seminars, present at conferences, and engage in social activities with other students with similar interests through the student run math club. Other resources for options for employment and further study. [Link.](#)

**Faculty** in the math department have an interest in various research areas. [Link.](#)

### Fun Facts

- ✓ Graduates of the Applied Mathematics program have gone on to do [great things!](#)
- ✓ The graduates of the Mathematics Education Program not only earn a teaching certificate to teach mathematics in grades 7-12, they can also earn a computer science teaching certificate as well. With these two certificates,



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Who We Are



and the high demand for math and computer science teachers in New York State, math education graduates will never be without a job!

- ✓ An NSF Noyce grant fund stipends up to \$15,000 a year for math education students with high academic performance.
- ✓ With 44 full-time faculty members, plus adjunct lecturers, the math department is the largest department in City Tech. This means you can always find someone to help!