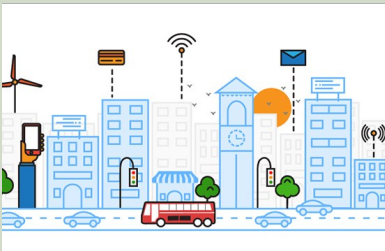## FAQs

What is a Strand?

A unique opportunity for our students to earn college credits focused in an area of study. Depending on the strand, students will experience classes on a college campus for a full semester, and/or participate in a year long internship experience in their senior year.

Why did Mineola High School start strands?

We want to create programs for students that provide them with skills needed for a changing world. To determine the focus of each strand, we used combination of data available on the Bureau of Labor Statistics website (www.bls.gov) that reports on job statistics. Job outlook and growth, salary, unemployment rates and much more.

How do I get involved?

Read the descriptions of the strands we offer and think about which one interests you. Contact your child's guidance counselor (237-2650)

Board of Education
Christine Napolitano
Margaret Ballantyne-Mannion, Ph.D.
Cheryl Lampasona
Patrick Talty
Brian Widman

Central Administration
Michael Nagler, Ed.D.
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Deputy Superintendent
Jack Waters
Assistant Superintendent for Finance and Operations
Edward Escobar
Assistant Superintendent for Human Resources
Catherine Fishman
Director of Pupil Personnel Services

High School Administration
Whittney Smith, Ed.D., Principal
Lisa Downey, Ed.D., Assistant Principal
Heather Dvorak, Assistant Principal
Jennie Fahey, Assistant Principal

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Mineola High School "Strands"

Preparing our students for a Changing World

Mineola
PUBLIC SCHOOLS
... For a Lifetime of Learning

Farmingdale
State College
State University of New York

core
BTS INC

NYU Langone Health

NYU Winthrop Hospital

Strands

⇒ Computer Systems
⇒ Healthcare Studies
⇒ Advanced Manufacturing

Healthcare Studies

Senior Year (Only)

Students will be enrolled in Farmingdale State College's Current Issues in Health course at the high school. In this course, students will have the opportunity to earn 3 college credits. Additionally, students will participate in an internship rotation at NYU Winthrop twice a week.

Internship experiences will include pharmacy, physical therapy, and radiation therapy.

There is an additional experience for selected students to work in the Central Sterilization Department working toward their Sterile Processing Technician Certification.

Farmingdale Course Codes: HST 101

Rotations are subject to change based on availability.

Computer Systems

Junior Year:

Students will be enrolled in courses at Mineola High School earning college credits: Python, Website Development, Computers, Society & Technology.

Farmingdale Course Codes: BCS109, BCS 130, BCS 160

Senior Year:

Students will be enrolled in classes on the college campus 3x/week (Foundations of Computer Programming, Website Development 2, UNIX Operating Systems, Foundations of Comp Programming II), Internship with Core BTS 2x/week. Experiences include IT support, marketing and sales for the technology company.

Farmingdale Course Codes:

BCS 160

BCS 120

BCS 240

BCS 215

Advanced Manufacturing

Students can begin this strand in 10th grade with Manufacturing I. This class is a full year class and should be taken after completing Design & Drawing for Production I

Manufacturing II is broken up into 2 half year courses focused on having a deeper understanding of the tools/machines in the Fabrication Lab (FabLab).

* Both years offer students experience based field trips to various advanced manufacturing facilities on Long Island

Farmingdale Course Codes: MET 105L, MET 109