

High Technology High School

765 Newman Springs Rd., PO Box 119, Lincroft, NJ 07738
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ETS/CEEB Code - 310694

Kevin D. Bals, *Principal*
Tara Bufis & Susan Sohayda, *Guidance Counselors*

- **#1 STEM High School in the Nation 2011-2013, 2015 - 2020** *US News & World Report*
- **#1 High School in NJ**, *US News & World Report*
- **Project Lead the Way “School of Excellence”**

Located on the campus of Brookdale Community College, High Technology High School is a specialized career academy that emphasizes the disciplines of science, mathematics, and technology in support of its pre-engineering career focus.

The application process is competitive with approximately seventy-five students being selected each year from a pool of over three hundred twenty outstanding applicants, representing a cross-section of students from over forty-five sending school districts. Students apply as 8th graders and are accepted based on multiple criteria, including middle school grades, and performance on district developed assessments.

High Technology High School has been continually recognized by a number of publications as one of the top schools in the country. While the accolades and top rankings are a welcome recognition of the hard work and dedication of the students, their parents, and the faculty and staff, we strive for much more. Our students apply to and attend the best universities and colleges in the country. It is our priority to adequately prepare all our students to succeed at the next level.

CLASS OF 2020	70 Graduates	100% Attend a Four-Year College
NMSQT/PSAT	49 Students Qualified for the National Merit Program:	
	27 Commended, 22 Semi-Finalists -> 21 Finalists -> 4 Winners	
SAT I	College Board Scores: 738 (Reading & Writing), 767 (Math)	
AP Exams	100% tested, 93% scoring 3 or above	
AP Courses	Biology, Calculus (AB, BC), Chemistry, Computer Science A, Physics C, Statistics	

National AP Scholars - 12 Students

AP Scholars with Distinction - 44 Students

Grading System

All courses at HTHS are taught at the Honors level and grades are therefore not weighted or inflated.

92-100	(A) = Superior Proficiency
85-91	(B) = Above Average Proficiency
77-84	(C) = Proficient
70-76	(D) = Partial Proficiency
55-69	(F) = Not Proficient/No Credit

Class Rank

The majority of our students earn grades that are exemplary. Each year a large percentage of the senior class receives recognition as a Finalist, Semi-Finalist or Commended Status on the NMSQT. We believe that our students' levels of achievement are not fully communicated by using class rank as a singular transcript statistic. Given the rigor of our curriculum and selectivity of admission to HTHS (26% in 2019), we believe that the majority of students would likely rank in the top 10% of their home schools. High Technology High School and the Monmouth County Vocational School District policy, therefore, do not report class rank.

Course of Study – Class of 2020

Note: A minimum of 160 credits must be accumulated in order to graduate.

Freshman Classes

Biology	6.5 Credits
Computer Integrated Manufac.	5 Credits
Introduction to Engineering Design	5 Credits*
English 1	5 Credits
World History	5 Credits
World Language (French, Spanish or Latin)	5 Credits
Health/Physical Education	4.5 Credits
Mathematics (Geometry, Algebra 2)	5 Credits
Data Analysis/Research	1 Credit

Sophomore Classes

Computer Programming for Engineers	5 Credits
Principles of Engineering	5 Credits*
Physics	6.5 Credits
English 2	5 Credits
United States History 1	5 Credits
World Language (French, Spanish or Latin)	5 Credits
Health/Physical Education	4.5 Credits
Mathematics (Algebra 2, PreCalc, or AP Calc BC)	5 Credits
Research Practicum	0.5 Credits
Guidance	0.5 Credits

Junior Classes

Chemistry	6.5 Credits
English 3	5 Credits
United States History 2	5 Credits
World Language (French, Spanish or Latin)	5 Credits
Health/Physical Education	4.5 Credits
Mathematics (PreCalculus, AP Calculus BC)	5/6 Credits

Technology Options (Students Choose One):

i. Bio Engineering & Envi. Sustainability	10 Credits*
ii. Civil Engineering & Architecture	10 Credits*
iii. Computer Sci. & Soft. Engineering	10 Credits*
iv. Digital Electronics	10 Credits*

Senior Classes

AP Science (Biology, Chemistry, Physics)	8 Credits
Mathematics (AP Calculus AB, AP Calculus BC, Multivariable Calculus)	6.5 Credits
Engineering Design & Development	4.5 Credits*
Mentorship	5 Credits
English 4	5 Credits
Health/Physical Education	3.75 Credits^
Financial Literacy	2.5 Credits
<u>Choose Two of the Following Electives</u>	
Current Global Issues (elective)	5 Credits
World Language (elective) (French, Spanish#, or Latin)	5 Credits
AP Statistics (elective)	5 Credits

* Students may elect to apply for college credit via Rochester Institute of Technology
Students may elect to apply for college credit via Georgian Court University (in Spanish only).
^ Earned via Option ii

Governance

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Joseph Senerchia, Dir. Pupil Personnel Services

High Technology High School, a pre-engineering career academy that emphasizes the interconnections among mathematics, science, technology and the humanities, prepares students to become creative problem solvers, effective communicators, and tomorrow's leaders through a rigorous, specialized curriculum and collaborative partnerships.