



Haverhill High School

Home of the Hillies

137 Monument Street
Haverhill, MA 01832

hhs.haverhill-ps.org
CEEB Code: 220-985

21st Century Learning Expectations

Academic

1. Students will communicate by listening, writing, and speaking clearly and effectively in a variety of formats.
2. Students will apply critical thinking skills to solve problems that relate to real world application
3. Students will use technology to research, solve problems, and design presentations, documents, and other products in a legal and ethical fashion.

Social

1. Students will embody the core values at HHS by being global, responsible, engaged, accepting, and tenacious in our school and community.

Civic

1. Students will demonstrate an understanding of civic responsibilities with a global perspective and in our local community.

Haverhill Community

Haverhill is an urban-suburban city, 33 miles north of Boston and bordering on southern New Hampshire. The population is approximately 63,639 comprised of diverse ethnic and socioeconomic backgrounds.

Haverhill High School

Enrollment Grades 9-12: Approximately 1874 students

Graduation Requirements

Mass Core is a state recommended, rigorous program of study that aligns high school course work with college and workforce expectations. HHS strives for all students currently enrolled to meet Mass Core standards. Students must earn a total of 20 credits to graduate from HHS as well as pass required state MCAS tests. Full year courses earn 1.0 credit. Half year courses earn 0.5 credits.

Courses	HHS Credits	Mass Core Credits
English (I,II,III,IV)	4.0	4.0
Social Studies (Including 1 credit in U.S. History)	3.0	3.0
Mathematics (*Must include Algebra II)	3.0	4.0
Lab-Based Science	3.0	3.0
Computer Technology	0.5	---
School-to-Career	1.0	---
Fine Arts or World Language	1.0	---
Fine Arts	---	1.0
World Languages (*Must be same languages)	---	2.0*
Wellness	2.0	---**
Public Speaking (Class of 2019+)	0.5	---
Electives	2.0	---
Additional Mass Core Credits (*Must be from technology, school to career, business, or additional core academic areas)	---	5.0

Note: Graduation requirements subject to change with School Committee approval.

****Required by law**

Post Secondary Plans

	2015	2016	2017	2018
4-yr. college	46.4%	46.1%	41.2%	49.1%
2-yr. college	32.2%	30.8%	35.8%	28.7%
Career/Tech Ed.	3.5%	2.4%	2.8%	4.3%
Military	5.3%	3.0%	4.9%	.7%
Employment	6.5%	11.7%	13.5%	12.9%
Other	4.4%	5.1%	1.8%	5.5%

Glenn Burns
Principal

School Counseling Department

Jami Dion
Director
Ext. 1133

Andy Alsup
School Counselor
Ext. 1108

Susan Beaudoin
School Counselor
Ext. 1106

Jennifer Breslin
School Counselor
Ext. 1135

Samantha Massahos
School Counselor
Ext. 1137

Stephen Gwinn
School Counselor
Ext. 1107

Erica Sullivan
School Counselor
Ext. 1132

Jennifer Cannon
School Counselor
Ext. 1127

Standardized Testing

SAT Mean Scores

	<u>ERW</u>	<u>M</u>	<u>W</u>
2018			
2017*new SAT	537	530	
	<u>CR</u>	<u>M</u>	<u>W</u>
2016	512	511	493

ACT Mean Scores

	<u>Eng.</u>	<u>Math</u>	<u>Read.</u>	<u>Sci.</u>	<u>Composite</u>
2018					
2017	21.6	23.8	23.7	23.7	23.4
2016	21.4	22.6	22.8	21.8	22.2
2015	22.0	22.6	23.6	22.3	22.8

Grade Point Average (GPA)

GPA at Haverhill High School is unweighted. This means GPA is a straight average of a student's final grades in all courses taken over the span of his/her high school career based on the earned GPA value for each course.

<u>Grade</u>	<u>Numerical Range</u>	<u>GPA Value</u>
A+	97 - 100	4.0
A	93 - 96	3.85
A-	90 - 92	3.7
B+	87 - 89	3.3
B	83 - 86	3.0
B-	80 - 82	2.7
C+	77 - 79	2.3
C	73 - 76	2.0
C-	70 - 72	1.7
D+	67 - 69	1.3
D	63 - 66	1.0
D-	60 - 62	1.7
F	Below 60	0

Group Level

Course levels at Haverhill High School have been assigned to one of four group levels. Each group level is then assigned a group level value which is used in calculating quality points.

Group Level

Level 1- Advanced Placement/College Courses
 Level 6- Honors Accelerated
 Level 2- Honors
 Level 3- College Preparatory

Group Level Value/Weight

3.0
 2.7
 2.5
 2.0

Class rank at Haverhill High School is weighted and determined by a quality point calculation. To calculate quality points one must multiply the grade point value by the weight of the group to which the course is assigned. The quality points are then divided by the total credits attempted to determine a Quality Point Average (QPA).

Advanced Placement

Haverhill High School offers 17 courses at the Advanced Placement (AP) level: English Literature, English Language, Calculus AB, Computer Science, Statistics, European History, US History, US Government & Politics, Biology, Chemistry, Physics C: Mechanics, Environmental Science, Spanish Language, Latin, Microeconomics, Art History, and Studio Art.

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>
Total AP Students:	264	298	323	261
Total AP exams:	473	579	562	455
% Student Scores 3 or higher:	62.9	61.4	55.7	62.5

2018

AP Scholars: 44 (Average Score: 3.48)

AP Scholar with Honors: 12 (Average Score: 3.79)

AP Scholar with Distinction: 14 (Average Score: 4.06)

National AP Scholar: 2 (Average Score: 4.28)

Academies at HHS

Early College- Early college is an exciting opportunity for qualifying students that begins in their junior year. Northern Essex Community College and HHS have partnered together to bring this initiative to the students of HHS. This partnership allows students to take college level courses during the school day on the campus of Northern Essex. The goal is for students to graduate with a HHS diploma and a substantial number of college credits that could culminate with an Associates Degree.

Classical Academy- The Classical Academy is an admissions exam school within HHS that engages academically promising students in a challenging curriculum intended to broaden and deepen their knowledge, skills, understanding and civic commitment. The Classical Academy offers a contemporary classical education with emphasis in Latin and the humanities and creates scholars who are well-rounded, cultured, self-disciplined, critical thinkers who can compete at the highest academic levels.

Business Academy- The Business Academy provides students with the opportunity to integrate academic and occupation related instruction to prepare them for success in life, education, and the 21st century marketplace in a supportive educational environment. The Business Academy includes exposure to a wide spectrum of post-graduate options, marketable skills, and job related possibilities.

Fine Arts Academy- The Fine Arts Academy seeks to encourage an appreciation and involvement in the arts. The Fine Arts Academy fosters the individual growth of all students providing them with skills they will utilize throughout their life. The goal is to enable students to develop and achieve their creative and expressive potential while also gaining the skills needed to pursue a career in arts in college. Students may specialize in either visual or performing arts.

Humanities Academy- The humanities are the cornerstone of education and include the disciplines of English, history, classical studies, social sciences, art, philosophy and language. Study of the humanities provides students with historical perspective and cultural awareness which gives them the ability to express themselves clearly and accurately, to critically evaluate, analyze and interpret ideas and actions and the courage to make choices on shared values and priorities. The Humanities Academy will prepare students for careers in the fields of humanities, education and political science.

STEM Academy- STEM-related careers are expected to grow significantly in the coming years, providing tremendous opportunities for those with strong STEM backgrounds. Within the STEM Academy, students have the opportunity to explore STEM related fields, develop 21st-century skills, and prepare for post-secondary education. The STEM Academy offer five academic pathways: Health & Life Sciences; Engineering; Physical Sciences; Earth and Environmental Sciences; and Applied Mathematics. The choice of a pathway and the array of electives available allow students to explore areas of personal interest and experience real-world applications of mathematics and scientific principles.

Career Technical Education (CVTE) Programs

In an effort to close the workforce gap within STEM-related professions, HHS's career technical education programs (CTE) will prepare students to attend highly competitive post-secondary institutions, complete certificate programs or immediately enter the high-demand STEM workforce. HHS is proud to offer three CTE programs.

NAF Academy of Information Technology- Students will gain a variety of skills across a broad spectrum of hardware and software solutions that drive technological innovation in a modern society. Upon completion of the program, students earn a NAFTrack Certification, which entitles them to preferential hiring opportunities with NAFTrack partners such as Juniper Networks, Cisco Systems, HP, AT&T, EMC2, Verizon and Xerox. This program has Career Vocational Technical Education (CVTE) status.

Programming and Web Development- Students will gain a variety of technical skills to prepare themselves for careers in software development; web development; programming and IT project management. Software developers power the world by creating apps to improve productivity; games for entertainment and education; code to control networks; and programs to keep computer systems safe. This program has Career Vocational Technical Education (CVTE) status.

Healthcare Occupations- Healthcare is Massachusetts' fastest growing industry sector, providing over 600,000 jobs in the Bay State. Our Healthcare Occupations Program will provide students with the fundamentals of healthcare through rigorous coursework, and practical clinical experience using state of the art technology, equipment and techniques. Students will have the opportunity to do tours, job shadow days and internships at local hospitals, nursing homes, assisted living facilities and long-term rehabilitation hospitals. Upon graduation, students are well prepared for several certification exams such as CPR Healthcare Provider and First Aid, CNA, EMT and OSHA.

