

Hopkinton High School Profile 2018-2019

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www.hopkinton.k12.ma.us

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THE COMMUNITY

Hopkinton, one of Massachusetts' largest towns geographically, remains one of the state's fastest growing communities. This record-breaking growth has been influenced by Hopkinton's proximity to Worcester, Boston, and Providence, Rhode Island, and its easy accessibility to Routes 495, 9, and the Massachusetts Turnpike. The rural beauty and friendly small-town character of Hopkinton have been preserved as the town's industrial base has changed from agriculture to biomedical and technology. Best known as the starting place for the Boston Marathon, Hopkinton is located twenty-six miles west of downtown Boston.

THE SCHOOL

Hopkinton High School (HHS) is a public, four-year, comprehensive high school with an enrollment of approximately **1187** students in grades nine through twelve. It is accredited by the New England Association of Colleges and Secondary Schools. On average, ninety-six percent of recent graduates continue their education after graduation. The Class of 2019 currently has **288** students.

GRADUATION REQUIREMENTS

In order to earn a Hopkinton High School diploma, a student must accrue a minimum of 113 credits. Courses meeting five times a cycle earn 2.5 credits per semester. The distribution requirements for graduation for the Class of 2019 are:

English	20 credits
Mathematics	20 credits
Science	15 credits
Social Studies	15 credits
Foreign Language	10 credits
Wellness	8 credits
Arts and Technology	5 credits

PROGRAM OF STUDY

Hopkinton High School offers subjects at various levels designed to meet the needs of the students.

General courses include Art, Music, Drama, Wellness, Technical Education, and other electives that are available to all students.

College Preparatory courses are designed for students who are preparing to continue their education beyond high school. These courses are taught with high expectations for depth of understanding and independent work. Foundations courses are college preparatory classes that are taught in small groups.

Honors courses are designed to be rigorous, challenging, in-depth courses requiring extensive work outside the classroom.

Accelerated and Advanced Placement courses are fast paced courses that cover more material in greater depth than honors level courses. Accelerated courses offer rapid paced honors work that prepares students for Advanced Placement courses, and are currently available in Algebra I, Geometry, and Algebra II. AP courses follow the College Board's curriculum.

MARKING SYSTEM

A+ = 97 to 100	A = 93 to 96	A- = 90 to 92
B+ = 87 to 89	B = 83 to 86	B- = 80 to 82
C+ = 77 to 79	C = 73 to 76	C- = 70 to 72
D+ = 67 to 69	D = 63 to 66	D- = 60 to 62
F = 0 to 59	* Minimum passing grade is 60.	

GRADE POINT AVERAGE

Weighted Grade Point Average is determined for all Hopkinton High School students based on a 4.0 scale. The weighted GPA is based on grades in academic subjects only. Weight is given to the honors level (+.5), Accelerated (+.75), and AP (+1.0), according to the following scale:

Grade	College Prep	Honors	Accelerated & AP
A+	4.3	4.8	5.3
A	4.0	4.5	5.0
A-	3.7	4.2	4.7
B+	3.3	3.8	4.3
B	3.0	3.5	4.0
B-	2.7	3.2	3.7
C+	2.3	2.8	3.3
C	2.0	2.5	3.0
C-	1.7	2.2	2.7
D+	1.3	1.8	2.3
D	1.0	1.5	2.0
D-	.7	1.2	1.7

Only courses taken at Hopkinton High School are factored into our weighted academic GPA. Summer School courses, non-academic courses, and Pass/Fail courses are not factored into the HHS GPA. An unweighted GPA, including all course grades, is also available on the transcript.

GRADE REPORTING SYSTEM

Hopkinton High School uses a two-semester grading system. Final semester grades are the only grades reported on the transcript. Semester grades are available in February and June. *Information on attendance and discipline is not available to colleges per school policy.*

SCHEDULE

Students are required to carry a minimum of six subjects each semester. Classes are scheduled in a seven-day rotation. All major courses are scheduled five times per seven-day cycle, with one 90-minute class per cycle. The four other periods are 60 minutes in length. Science classes may meet up to two additional periods each cycle.

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POSTSECONDARY PLANS OF GRADUATES

Class of:	2018	2017	2016
4 Year College	95%	92%	91%
2 Year College	1.3%	3%	3%
Employment	<1%	1.6%	2%
Military	0%	0%	1%
Prep School	0%	1%	0%
Career Education	1%	0%	<1%
GAP Year	2%	<1%	1.4%

Total to Further Education Class of 2018: 97.3%

COLLEGE ADMISSIONS TEST SCORES

Class of:	2018	2017	2016
SAT EBRW/CR	640	620	563
SAT Math	650	630	591

ACT Composite	27.6	26.6	24.6
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86% of the Class of 2018 took the SATs.

59% of the Class of 2018 took the ACTs.

Data taken from our Naviance 2018 statistics and is based on the mean of the graduating seniors' highest test scores in each category.

NATIONAL MERIT (NMSQT) RESULTS

Seven percent of the Class of 2018 received recognition in the National Merit Scholarship Program. These included 16 Commended students, and 4 Semifinalists.

POLICY ON RANK IN CLASS

Per Hopkinton High School policy, we do not compute a Rank-In-Class for students.

SENIOR PROJECT

Designed as a final culminating learning experience, seniors who opt for Senior Project are released from classes for the last 4 weeks of the year. The project, which is supervised by a faculty advisor and a mentor in the field, allows seniors to conduct an in-depth study or internship in an area of special interest.

GROWING ENGINEERING PROGRAM

With a burgeoning interest in STEM careers, we have rapidly grown our Engineering and Technology program to include Robotics, Team Robotics, Honors Sustainable Engineering, Honors Engineering & Technology, Re-engineering History and Fab Lab: 3-D Design and Fabrication. Simultaneously, our number of young women interested in STEM careers and enrolled in these courses has grown exponentially. New extracurricular offerings include: Women in STEM, Robotics Club, and Science Olympiad.

ADVANCED PLACEMENT COURSES OFFERED 2018-19

AP English Language & Composition
 AP English Literature & Composition
 AP US History
 AP Government & Politics: US
 AP World History
 AP Art History
 AP Psychology
 AP Physics I
 AP Physics C: Mechanics
 AP Biology
 AP Chemistry
 AP Environmental Science
 AP Calculus AB
 AP Calculus BC
 AP Statistics
 AP Computer Science Principles
 AP French Language
 AP Spanish Language
 AP Studio Art
 AP Music Theory
 *Other AP courses (VHS, TEC Online and Independent Study) include Music Theory, Micro and Macroeconomics, Human Geography, Chinese Language, and Italian.

486 HHS students took **1100** Advanced Placement exams in May 2018.

2018 AP EXAMS	# Taking Test	HHS Avg Score	National Avg Score
AP Art History	62	2.194	2.9
AP Biology	89	3.798	2.9
AP Calculus AB	83	4.470	2.9
AP Calculus BC	32	4.063	3.7
AP Chemistry	74	3.581	2.8
AP Eng. Language	93	3.989	2.8
AP Eng. Literature	22	4.182	2.7
AP Environ Science	83	3.145	2.7
AP Physics I	16	3.875	N/A
AP Physics C:Mechanics	35	4.543	N/A
AP Psychology	188	4.771	2.8
AP Spanish Language	19	4.421	3.3
AP French Language	12	3.583	3.8
AP Statistics	48	3.458	2.8
AP US History	51	4.078	2.6
AP US Gov & Politics	113	3.690	2.7
AP Studio Art	6	4.000	N/A
AP Comp Sci Principles	27	3.741	N/A
AP World History	23	4.227	2.6
*Other AP Courses	24	4.291	N/A

The Academic Program 2018-2019

English

English 9 (CP), (H)
English 10 (CP), (H)
American Literature I & II (CP), (H)
Contemporary Literature (H)
Creative Writing (CP), (H)
Multicultural Literature (H)
Literature and War (CP)
Introduction to Journalism (CP, H)
English for the Modern World (CP) *Non-fiction course*
Film as Literature (CP)
AP English Language & Composition (A)
AP English Literature & Composition (A)
Foundations in English 9, 10, American Literature (CP)

Foreign Language

Mandarin Chinese I, II, III, IV (H)
French II, III, IV (CP), (H)
AP French Language (A)
Intro to Spanish (CP)
Global Spanish (CP)
Spanish I, II (CP)
Spanish III, IV (CP), (H)
Spanish V (H)
AP Spanish Language (A)

History/Social Sciences

Modern World History (CP), (H)
U.S. History & Government Part I (CP), (H)
U.S. History & Government Part II (CP), (H)
AP US History I (A)
AP U.S. History II (A)
AP US Government & Politics (A)
AP World History (A)
Law in America Today (CP), (H)
Intro to Psychology (CP)
AP Psychology (A)
Intro to Sociology (H)
Time to Think (H) *Human Judgment, & Reasoning*
Intro to Economics (CP), (H)
Facing History & Ourselves (CP, H)

Mathematics

Algebra I (CP), (H)
Accelerated Algebra I (Acc)
Geometry (CP), (H)
Accelerated Geometry (Acc)
Algebra II (CP), (H)
Accelerated Algebra II (Acc)
Pre-Calculus (CP), (H)
Calculus (H)
AP Calculus AB (A)
AP Calculus BC (A)
AP Statistics (A)
Advanced Quantitative Reasoning (CP)
Math for College Readiness (CP)
Foundations in Algebra I, II, and Geometry (CP)

Virtual High School & TEC Online

60+ seats available per semester for upperclassmen; over 200 approved on-line courses. (www.govhs.org and www.tec-coop.org/alt-skls-online.htmlp.org)

Science

Intro to Chemistry (CP), (H)
Intro to Physics (CP), (H)
Biology (CP), (H)
AP Biology (A)
Chemistry (CP), (H)
AP Chemistry (A)
Conceptual Physics (CP)
Physics (H)
AP Physics I (A)& AP Physics C: Mechanics (A)
Understanding the Earth (CP)
Blue Planet: The Role of Water (CP)
Human Impacts on the Environment (CP)
Forensics (CP)
AP Environmental Science (A)
Anatomy & Physiology (CP), (H)

Business/ Technology/ Media Arts

Lego Robotics & Team Robotics (H)
Engineering (H)
Sustainable Engineering (H)
Cooperative Business & Marketing
HHS TV I and II
Game Design
Re-engineering History
Web Design I
Fab Lab: 3D Design & Fabrication
Computer Science Discoveries
AP Computer Science Principles (A)

Visual & Performing Arts

Studio Art I, II, III, IV
AP Studio Art
AP Art History (A)
Digital Art
Graphic Design I & II
Fashion & Textile Design
Photography I, II & III
Digital Photography
Smart Phone Photography
Ceramics I, II, & III
Yearbook
Public Speaking I & II
Passages
Symphonic Band
Concert Band
String Orchestra
Chorus & Women's Choir
Music Technology & Sound Engineering
Acoustic Guitar Workshop I & II
AP Music Theory

Wellness

Wellness Grade 9, 10
RAD Defense & RAD for Men
Personal Fitness & Lifetime Pursuits
Ballroom Dancing
Fitness Through Games
Stress Management
Officiating Sports
Optimizing Academics Through Movement

(CP) College Prep, (H) Honors, (Acc) Accelerated, (A) A

Detailed course descriptions may be found in the HHS Program of Studies posted on the Hopkinton High School website.