



ANDOVER HIGH SCHOOL

School Profile 2018-2019

Contacts

Superintendent of Schools
Sheldon Berman Ed.D

Principal
Philip Conrad

Assistant Principal
Caitlin Brown

Assistant Principal
Scott Darlington

Assistant Principal
John Norton

Director of Guidance
Aixa de Kelley
978-247-5549
adekelley@aps1.net

School Counselors

Edward Abbott
978-247-5546
eabbott@aps1.net

Kim Bergey
978-247-5548
kbergey@aps1.net

Matthew Duncan
978-247-5547
mduncan@aps1.net

Heather Dwyer
978-247-5543
hdwyer@aps1.net

Anne-Marie Fortier
978-247-5541
afortier@aps1.net

William Hutchins
978-247-5540
whutchins@aps1.net

Jayne Jones
978-247-5539
jjones@aps1.net

Melissa Martin
978-247-5542
melissa.martin@andoverma.us

COMMUNITY—Located just 20 miles from Boston, the town of Andover is a suburban community of 32 square miles with a population of over 31,000. Andover is home to many high technology firms such as Hewlett Packard, Raytheon, Schneider Electric, Fresenius and Pfizer. The quality of education attracts students from throughout the United States and the world.

SCHOOL—Andover High School is accredited by the New England Association of College and Secondary Schools. It is a four year suburban public high school which offers a comprehensive and diverse curriculum. Andover High School has won numerous awards throughout the years including the gold medal in the international category of Science & Technology Innovation at the 37th Beijing Youth Science Creation Competition, Siemens Award for Advanced Placement Excellence in Math and Science and the Vanguard Award from Mass Insight. Our students excel not only in academics, which culminates with many of them being accepted to top tier colleges, but also in a variety of extra-curricular activities. Our girls' Swim and Dive Team has won the state championship 16 out of the last 17 years. Our Show Choir has won awards at national competitions. Many of our students have been recipients of the Boston Globe Arts and Scholastic Awards and our DECA team has consistently qualified for the international championships. There are also a variety of student opportunities for independent study, Senior Capstone projects, and community service. Andover High School continues to pursue new and innovative initiatives such as the Global Pathways, Environmental Science Internships, Andover Innovation Lab and the Engineering Externship Program.

ACADEMIC PROGRAM—New 7+ H Schedule: Effective September 2017, Andover High School instituted a yearlong rotating schedule that operates on an 8-day cycle. Students enroll in 7 credits plus an H Block. Courses meet 5 times during the 8 day rotation. Most courses are 1.0 credit yearlong classes, however some elective courses are offered as .5 credit classes for a semester. **H-Block**—In addition to 7 academic credits, all AHS students will also participate in H-Block (Student Enrichment). H-Block is designed to personalize the students' school experience at Andover High School and create a strong sense of community. H-Block provides students with new opportunities: 1) Advisory— Meets Day 1 with a small group of students throughout the year. 2) Academic Support—Students seeking assistance sign up for extra time with teachers. Teachers sign up students who are missing assignments/need extra help. 3) Enrichment — If students are caught up on academics, they are free to sign up for a special activity with a teacher.

Previous Block Scheduling: Until the 2017-2018 school year, Andover High School utilized a semesterized block schedule consisting of four 82 minute periods. The majority of academic courses met daily for one semester; AP courses met for two semesters. Students enrolled in 3.5 to 4 credits each semester.

GRADUATION REQUIREMENTS

Andover High School has established fundamental guidelines that are essential for a well-rounded Andover High School graduate. All students must enroll in the courses that fulfill the central curriculum as defined below. In addition, students earn elective credits by selecting courses from the departments of their choice. All students must earn a minimum of 25 credits.

*Requirements for the class of 2019 & beyond have been adjusted to reflect the 7+H schedule that began in Sept. 2017.

Department	Class of 2019
English	4 credits
Social Studies	3 credits
Mathematics	4 credits
Science	3 credits
World Language	2 credits
Physical Education	2 credits
Health Education	1 credit
Arts: Performing/Visual or Digital Learning	1.5 credits
Additional Electives	4.5 credits
Minimum credits for graduation:	25 credits

ENDORSEMENT OF GLOBAL ENGAGEMENT -The Endorsement of Global Engagement program (EGE) is an opportunity for students to earn an official certification attached to the Andover High School transcript stating that the student has gone beyond normal expectations to analyze, interact and develop global competence and understanding, which will lead to future success in an increasingly interconnected world.

To obtain the endorsement, students who are admitted into the program must meet the following criteria:

- ◆ Earn 4 credits in the same world language. Take 4 additional courses from the identified academic course list.
- ◆ Participate in a Global Service Learning experience outside of Andover for a minimum of 20 hours.
- ◆ Participate in an Immersive Global Engagement Travel experience for a minimum of 20 hours
- ◆ Fulfill the EGE e-Portfolio requirements, which include completing an investigation on a global issue and writing a research paper, developing an EGE resume, writing a reflective essay on the experience, and creating a final presentation.

SENIOR CAPSTONE - An AHS Senior Capstone Project (CAPS) is an advanced research seminar. CAPS students pursue a researchable question through quantitative and qualitative research methods along with a substantial field-based inquiry project. CAPS offers students a chance to create an independent academic experience, with the focus on authentic inquiry. The goal of the CAPS Seminar is for students to merge their various interests, curiosities, and passions with their academic and intellectual lives, that take shape through Original Field Research, an Inquiry Paper, a web-based Project Portfolio, and a faculty/alumni judged Community Presentation that communicates all the student has learned.

SENIOR EXHIBITION - Seniors may create a selective, independent, academic project. Students must submit a proposal, engage in a rigorous investigation of the topic, create an original project and present their work in May.

DUAL ENROLLMENT - Andover High School provides opportunities for juniors and seniors to take college-level courses and earn credit simultaneously toward high school completion and their future college degrees.

VIRTUAL HIGH SCHOOL & ONLINE COURSES - Andover High School provides juniors and seniors with the opportunity to enroll in online elective courses through a variety of educational institutions. Effective Fall 2017, Andover High School has joined The Virtual High School Consortium.

AVID - Effective Fall 2017, AHS has joined AVID (Advancement Via Individual Determination), a global nonprofit organization dedicated to closing the achievement gap by preparing all students for college and other postsecondary opportunities through an elective class, where students learn organizational and study skills, work on critical thinking, asking probing questions, get academic help from peers and college tutors, and participate in enrichment and motivational activities that make college seem attainable.

ATHLETICS - Sixty percent of students participate in the Andover High School's athletic program, which offers 22 sports and 57 teams.

CLUBS - Andover High School offers over 40 after school clubs and activities, such as Mock Trial, Robotics, Interact Club, and the Drama Guild. An active National Honor Society provides weekly after school tutoring and organizes an annual scholarship benefit.

COMMUNITY SERVICE - While there is no community service requirement, Andover High School students are very active giving back by sponsoring blood drives, coordinating fund raising events and volunteering at local schools and community organizations.

MENTORING PROGRAM - The Career Mentor Program, sponsored by the Service Club of Andover, pairs eleventh grade students with adults in the community for career mentoring, job shadowing and college exploration.

SPECIAL PROGRAMS - Andover High School hosts students in the A Better Chance Program and participates in the AFS Inter-cultural Exchange Program as well as the Rotary Youth Exchange Program.

EXPLANATION OF COURSE LEVELS - The curriculum offers a broad selection of courses at varying instructional levels to meet the needs and abilities of all students

	Course Levels
Level 7	Advanced Placement
Level 5	Enriched
Level 1	Honors Program
Level 2	Demanding College Preparatory Program
Level 3	College Preparatory Program
Unleveled	Elective Courses

CLASS OF 2018—AVERAGE STANDARDIZED TESTING SCORES

Average SAT Scores (368 Students Tested)

ERW **MATH**
610 **611**

Average ACT Scores (203 Students Tested)

ENGLISH **MATH** **READING** **SCIENCE** **COMP.**
26.2 **25.8** **26.3** **25.2** **26**

Future Plans Class of 2018 • Class Size 411

4 Year College	87.6%
2 Year College	6.5%
Post Graduate	2.0%
Year Off	1.2%
Military	1.7%
Work	1.0%

94.1% Continuing Education

66% Attending 1st Choice School

National Merit Scholarship Program
Class of 2019
Finalist 5
Commended 27

Class of 2018 Top 15% Matriculation	Total
Bentley University	1
Boston College	1
Boston University	1
Brandeis University	1
Brown University	3
Colby College	1
College of the Holy Cross	1
Cornell University	3
Davidson College	1
Emory University	1
Fordham University	1
Georgetown University	1
Georgia Institute of Technology	1
Hamilton College - NY	2
Johns Hopkins University	1
McGill University	1
MA College of Pharmacy & Health Sciences	1
Middlebury College	1
Mount Holyoke College	1
New York University	1
Northeastern University	7
Pennsylvania State University	1
Providence College	1
Rensselaer Polytechnic Institute	1
Saint Anselm College	1
Smith College	1
Stanford University	1
Tufts University	4
Tulane University	1
University of California, Berkeley	1
University of Massachusetts, Amherst	4
University of Michigan	1
University of New Hampshire, Durham	1
University of Richmond	1
University of Rochester	1
University of Toronto	1
University of Vermont	2
University of Waterloo	1
Wake Forest University	1
Wesleyan University	1
Williams College	1
Worcester Polytechnic Institute	2
Yale University	1

**Advanced Placement Program
May 2018—Total AP Students : 482 Total Exams 886**

# Exams	Scores
253	5s
247	4s
232	3s
127	2s
27	1s

83% scored 3 or higher

AP Scholars	Total Students 150 with Avg. Score 4.15
AP Scholar	
Number of Students	62
Average Score	3.55
AP Scholar with Honor	
Number of Students	41
Average Score	3.97
AP Scholar with Distinction	
Number of Students	41
Average Score	4.41
National AP Scholar	
Number of Students	6
Average Score	4.65

AP COURSES	5	4	3	2	1	Total
Biology	13	33	39	12		97
Calculus AB	28	9	6	1	1	45
Calculus BC	16		1			17
Chemistry	3	11	8	4		26
Chinese Lang & Culture	14	2	1			17
Computer Sci A	17	2	2	1		22
Comuter Sci Princ	13	7	3			23
English Lang/Comp	44	42	65	25	2	178
English Lit/Comp	13	15	15	9		52
Environmental Science	17	31	27	35	15	125
European History	1	5	4	2	1	13
French Lang/Culture	2	10	3			15
**Italian Lang/Culture	1					1
Latin				6	5	11
**Macroeconomics	1					1
Physics 1	9	24	19	18	1	71
Physics C - Mec	7	9	4	2		22
*Psychology	4	3	2			9
Spanish Lang/Culture	5	17	22	3		47
Statistics	23	12	5	2	1	43
U.S. History	22	15	6	7	1	51

*Course offered through Virtual High School

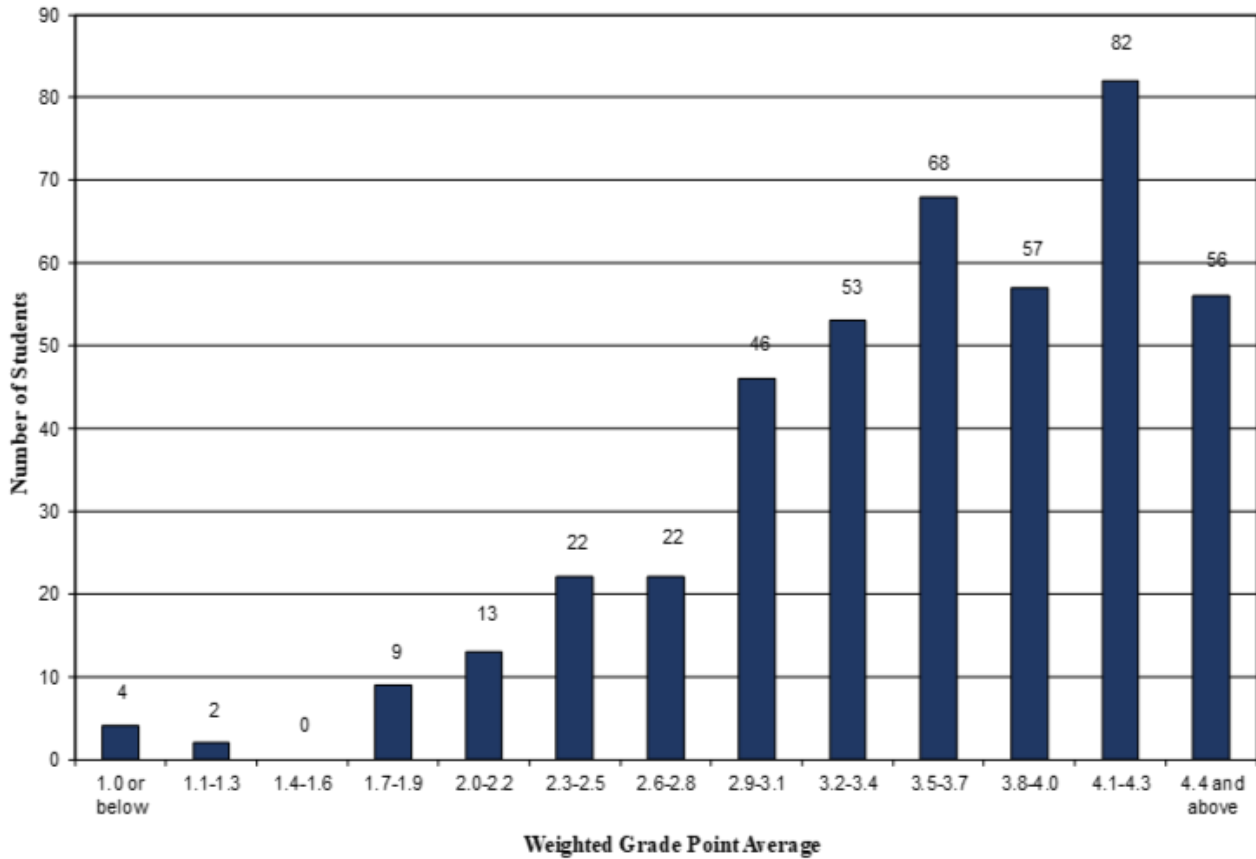
**Courses not offered at Andover High School

GPA DISTRIBUTION CHART

SIXTH SEMESTER - PROFILE OF THE CLASS 2019

Beginning with the Class of 2004, rank in class information will no longer appear on transcripts. The histogram below is included to provide comparative information about achievement.

434 students are included in the distribution.



Grade Point Averages	Unweighted GPA	Weighted GPA		
		AP 7	Honors 1	College Prep 2 & 3
A	4.0	5.0	4.5	4.0
A-	3.7	4.7	4.2	3.7
B+	3.3	4.3	3.8	3.3
B	3.0	4.0	3.5	3.0
B-	2.7	3.7	3.2	2.7
C+	2.3	3.3	2.8	2.3
C	2.0	3.0	2.5	2.0
C-	1.7	2.7	2.2	1.7
D+	1.3	2.3	1.8	1.3
D	1.0	2.0	1.5	1.0
D-	0.7	1.7	1.2	0.7
F	0.0	0.0	0.0	0.0

Weighted and unweighted grade point averages are indicated on the transcript and include only leveled courses. Please note that Advanced Placement Courses are not available to students until eleventh grade.