

BURLINGTON HIGH SCHOOL

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burlingtonpublicschools.org

School Profile 2020-2021 “Best Schools”- Boston Magazine 2018

Administration:

Dr. Eric Conti, *Superintendent*
 Mark Sullivan, *Principal*

Support Services Coordinator:

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School Counselors:

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COMMUNITY

Burlington is a dynamic, suburban New England town of approximately 26,000. Located 13 miles northwest of Boston in the middle of “America’s Technology Highway”, the I-95/ Route 128 inner-loop, Burlington is home to many of the region’s finest healthcare, research and development, restaurants, and high tech companies, raising the daytime population to 150,000. Our diverse community is primarily composed of professional families vitally interested in supporting academic excellence.

SCHOOL

Burlington High School is a diverse, public, 4-year college preparatory high school with a strong, 1:1 technology focus. The vast majority of its 95 teaching faculty and staff members hold advanced degrees of a master’s degree or higher.

Burlington High School is validated by the Massachusetts Department of Education and is accredited by the New England Association of Schools and Colleges (NEASC).

Total Enrollment 2019-2020:	933
Class of 2019 (total):	240
Teacher-Student Ratio:	1:12

DEMOGRAPHICS

African American	6.7%
Asian	15.4%
Caucasian	66.5%
Hispanic	7.2%
Native American	0.5%
Native Hawaiian, Pacific Islander	0.0%
Multi-Race, Non-Hispanic	3.7%

POST SECONDARY PLANS

	2020	2019	2018
4 Year colleges	77%	77%	82%
2 Year colleges	12%	10%	9%
Other schools	1%	4%	1%
Total Education	90%	91%	92%

IMPACT of COVID

Per the expectation of the MA Dept of Secondary Education, Q4 of 2020 was graded Pass (P)/ Fail (F). For GPA calculation, “P” required successful completion of 80% of assignments (equating a 100%); “F” equated a grade of 59%.

For the school year 2020-2021, students were able to attend class either hybrid or fully remote. Fully remote students were assigned to separate remote classes and, due to staffing, did not have the same access to a variety of courses at all levels (AP/honors/CP), including electives. As such, for the school year 2020-2021, all approved courses are included in the BHS GPA.

*** Due to a delayed start to the school year, Q1 ends Nov 13, 2020. *
 Transcripts will be released Nov 20, 2020**

CLASS of 2020 GPA PROFILE

Mean GPA: 3.3603 Highest GPA: 4.58
 Lowest GPA: 1.32

*** Burlington High School does not rank students. ***

GPA COMPUTATION

Until the fall of 2020, cumulative grade point averages (GPA) only included performance in all leveled, graded classes taken at BHS during the regular academic year. For the school year 2020-2021 only, all leveled, graded & approved courses taken for BHS credit (including remote classes & online non BHS classes) will be included in calculation of the GPA.

GPA's are computed at the end of every school year and midway through senior year.

Grading System & Weight Used to Determine GPA

<u>Mark</u>	<u>AP</u>	<u>Honors</u>	<u>CP/CP I/CP II</u>
A or A +	5.0	4.5	4.0
A-	4.7	4.2	3.7
B+	4.3	3.8	3.3
B	4.0	3.5	3.0
B -	3.7	3.2	2.7
C+	3.3	2.8	2.3
C	3.0	2.5	2.0
C-	2.7	2.2	1.7
D+	2.3	1.8	1.3
D	2.0	1.5	1.0
D-	1.7	1.2	0.7
F	0.0	0.0	0.0

The mission of Burlington High School is to develop lifelong learners and engaged citizens who use creative and critical thinking, contribute to their community and who respect and understand human differences in an increasingly diverse and global society.

Last Updated: 9/30/2020

GRADUATION REQUIREMENTS

The academic year is divided into 2 semesters. Semester courses receive 2.5 credits; year-long classes receive 5 credits.

110 credits are required for graduation and must include:

- English 4 yrs
- Social Studies 3 yrs
(including US History I & II; World History II)
- Science . .(all are lab-based). 3 yrs
(including 1 yr Life Science; 1 yr Physical Science)
- * Until Fall 2020, AP science classes/ labs comprised 6 days/wk*
- Mathematics 4 yrs
- World Language 2 yrs
- Health 2 semesters
- Physical Education 4 semesters
- Electives: 10 additional credits from arts, business, family/
consumer science, and interdisciplinary areas

CURRICULUM

BHS offers a broad selection of courses at varying instructional levels to meet the needs, abilities, and interests of all students. These include: Advanced Placement (AP), Honors (HON), College Prep I (CP1/CP), College Prep II (CPII) and Foundational (FOU).

Advanced Placement

AP classes are available to sophomores and beyond, who meet strict academic guidelines and have teacher recommendations.

Sophomores may only enroll in 1 AP course.

# of AP Subjects:	21
# of AP Classes:	41
# of students enrolled:	240

AP Courses Available

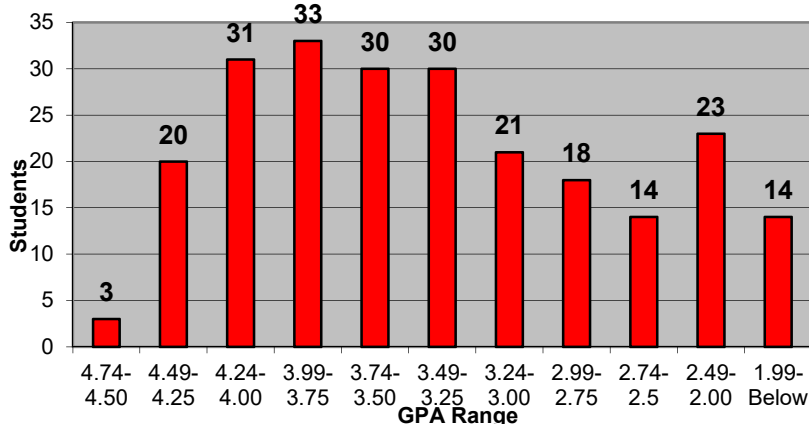
- Art: Studio Art
- Computer: Computer Science A, Computer Science Principles
- English: English Literature, English Language & Composition
- Foreign Language: Spanish Language, French
- Math: Calculus AB, Calculus BC, Statistics
- Science: Biology, Chemistry, Environmental Science, Physics C
- Social Studies: US History, World History, Human Geography, Psychology

Dual Enrollment

Beginning junior year, dual enrollment classes are available to students who meet strict academic guidelines and have teacher recommendations. Agreements exist with Middlesex Community College and UMass Boston for Calculus, Psychology, Anatomy & Physiology, AP Literature, Latin V, and Intro to Programming (available to some sophomores).

*** No additional GPA weight is given for Dual Enrollment classes**

Weighted 4.0 GPA Distribution



STANDARDIZED TEST RESULTS

National Merit Scholarship

Class of 2021:	3 Commended students
Class of 2020:	6 Commended students
Class of 2019:	6 Commended students

SAT I: Reasoning Test

Class of 2020 mean scores

(82 % of class took at an SAT; 47% of class tested with essay)

*** Due to COVID, virtually all test centers in New England cancelled Spring SAT administrations**

	2020	2019	2018
EBRW	577	568	585
EBRW- with essay	616	598	605

Math	570	562	581
Math- with essay	603	588	596

	State Avg	National Avg
EBRW	560	528
EBRW-with essay	589	541
Math	559	523
Math -with essay	589	540

SAT Score Distribution

	EBR	Math
700-800	12%	11%
600-690	33%	29%
500-590	34%	40%
490-400	20%	15%
390-below	2%	4%

AP Score Distribution

*** AP Tests are typically mandated for all AP students; however, due to COVID, for the spring of 2020 only, AP tests were optional**

	# Stud	# Tests	5	4+	3+
2020	243	468	17%	43%	82%
2019	239	467	20%	48%	83%
2018	240	462	17%	42%	71%

	Scholars	Scholars w Honor	Scholars w Distinction	National Scholar	Internat'l Scholar
2020	40	20	17	2	0
2019	23	16	25	5	2
2018	32	17	19	1	0

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