

PRINCIPAL
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CHELMSFORD HIGH SCHOOL

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PROFILE 2020-2021

CHELMSFORD, MASSACHUSETTS

Chelmsford is located south of the New Hampshire border, 25 miles northwest of Boston and lies in the Merrimack River Valley. The land area is 22.5 square miles. The population is approximately 33,000. The town is 364 years old. Chelmsford is primarily residential, serving many professionals from technological industries, college and public teaching ranks, medical and legal fields as well as tradespeople.

ORGANIZATION

Accreditation: New England Association of Secondary Schools and Colleges.

2019-20 Enrollment: 1,411; Class of 2020 = 363

Structure: Students from grades 9-12 are evenly divided into three houses, with each house containing a cross section of the student population. An academic Dean heads each house with two school counselors and one clinical psychologist supporting the students during their four years.

Schedule: The high school offers year long classes that meet five days out of seven days on a drop schedule. Electives in Fine Arts, Practical Arts, English, Science, Social Studies, Math, Reading, and Robotics are offered by semester.

GRADUATION REQUIREMENTS

Total Credits to Graduate: 240 credits

Students must accumulate 60 credits during their senior year
Ten credits are awarded for successfully completing a full year course

English	40 Credits
Mathematics	40 Credits
Science	30 Credits
Social Studies	30 Credits
World Language	20 Credits
-Two (2) years of the same Language	
Fine and Performing Arts	10 Credits
Practical Arts	5 Credits
Physical Education	10 Credits
Health and Wellness	10 Credits
(Starts with the Class of 2019)	
Other Courses/Electives	45 Credits

In accordance with state orders regarding Covid-19, Chelmsford High School mandated remote learning on March 13, 2020. Students were given traditional number-based grades for term three. They were given a "P" for "Pass" or an "F" for "Fail" for term four. The student's final grade for the 2019-2020 school year was based on the following formula: term one: 35%, term two, 35%, term three, 25%, midyear exam, 5%.

As of September, 2020, Chelmsford High School has adopted a "hybrid" learning model. Students have elected to either attend school two days a week and learn remotely when not in the building or have elected to exclusively learn remotely. The current school schedule is subject to change should a spike in local Covid cases occur.

CLASS OF 2020

Post High School Placement

	2020	2019	2018	2017
4 Yr. College	86%	77%	82%	80%
2 Yr. College	7.5%	14%	09%	11%
Tech. College	01%	01%	03%	04%
Employment, Military, other	5.5%	08%	06%	05%

SAT Mean Scores

	2020	2019	2018	2017
Mathematics	TBA	TBA	611	588
E.B. Reading & Writing	TBA	TBA	598	580
Critical Reading	N/A	528	N/A	N/A
Mathematics	N/A	522	N/A	N/A
Writing	N/A	512	N/A	N/A

National Merit Scholarship Program:

3 National Merit Semi Finalists
1 National Merit Special Scholarship
8 Commended Scholars

Advanced Placement Program:

In 2020, 310 students took exams with 643 scores reported in 29 subjects.

Advanced Placement Courses are offered in Biology, Calculus AB, Calculus BC, Capstone Program, Chemistry, Computer Science A, English Literature and Composition, English Language and Composition, Environmental Science, French Language, Music Theory, Physics I & II, Psychology, Spanish Language, Statistics, Studio Art: Drawing, Studio Art: 2D Design, U.S. Government & Politics and U.S. History.

Students participated in additional exams including: AP Research, AP Seminar, Computer Science Principles, Japanese Language and Culture, Physics C: Mechanics, Physics C: Electricity and Magnetism and World History.

Number of Tests	Score
128	5
193	4
208	3
90	2
24	1

COURSE LEVELS

All offered courses (except those considered not predictive of future academic achievement in college) are assigned a level according to the following criteria:

ADVANCED PLACEMENT COURSES

Courses designated as Advanced Placement follow the course description outlined in the College Entrance Examination Board booklet, "AP Program: Course Descriptions." The program is offered in the specific interest of three groups: secondary school students who wish to pursue college level studies while still in high school, schools that desire to offer these students the opportunity to do so and colleges that wish to encourage and recognize such achievement.

LEVEL 1 -Honors 1 College Preparatory Courses

These courses are more intensive than other courses experienced by the majority of our students. Classroom

activities require a great deal of independent learning. Course content demands critical, creative and analytical thinking. Courses will require demonstration of comprehensive understanding of the structure of the discipline. Assignments of original design are required.

LEVEL 2 – Honors 2 College Preparatory Courses

Classroom activities are designed with a moderate amount of teacher assistance. While introducing new skills and concepts, the students are extensively involved in interpretation, analytical, and creative thinking. Homework is both short-term and long-range and allows students to explore skills and concepts in more depth.

LEVEL 3 – College Preparatory Courses

Classroom activities are designed with a varying amount of teacher assistance. Through a variety of instructional strategies, learned skills and concepts are reinforced with increasing emphasis on interpretation, analysis, and other higher level thinking. Homework assignments are both short-term and long-term in duration and allow students to practice as well as explore skills and concepts in more depth.

ADMISSION

Admission to Advanced Placement and Honors 1 courses will be determined by the following criteria: superior academic ability, exceptional achievement on standardized tests, teacher's evaluation and recommendation, counselor's recommendation, parent's permission, and success on a placement test, when applicable.

GRADING AND CLASS RANK

Grading: The marking system uses numerical grades which are converted to a grade point value. Certain courses are weighted according to difficulty. Calculation of a student's academic standing is based on grade point average and includes all leveled courses. GPA is calculated by assigning the corresponding quality points to the final course grade. The quality points are then multiplied by the credit value of the course. The total quality points are divided by the total credits to yield the GPA. A weighted GPA accurate to three decimal places is computed at the end of each semester.

Rank: Chelmsford High School only reports rank upon student request.

Marking System

100-90 = A

89-80 = B

79- 70 = C

69-60 = D

Below 60 = Failure

Honors List

100- 90 = High Honors

89 - 85 = Honors

80 - 84 = Dean's List

	GRADE POINT AVERAGE			
	Level3	Level 2 Honors	Level 1 Honors	AP
100	4.0	4.2	4.5	4.7
99	3.9	4.1	4.4	4.6
98	3.85	4.05	4.35	4.55
97	3.8	4.0	4.3	4.5
96	3.75	3.95	4.25	4.45
95	3.7	3.9	4.2	4.4
94	3.65	3.85	4.15	4.35
93	3.6	3.8	4.1	4.3
92	3.5	3.7	4.0	4.2
91	3.4	3.6	3.9	4.1
90	3.35	3.55	3.85	4.05
89	3.3	3.5	3.8	4.0
88	3.25	3.45	3.75	3.95
87	3.15	3.35	3.65	3.85
86	3.1	3.3	3.6	3.8
85	3.0	3.2	3.5	3.7
84	2.9	3.1	3.4	3.6
83	2.8	3.0	3.3	3.5
82	2.7	2.9	3.2	3.4
81	2.6	2.8	3.1	3.3
80	2.5	2.7	3.0	3.2
79	2.4	2.6	2.9	3.1
78	2.3	2.5	2.8	3.0
77	2.2	2.4	2.7	2.9
76	2.1	2.3	2.6	2.8
75	2.0	2.2	2.5	2.7
74	1.9	2.1	2.4	2.6
73	1.8	2.0	2.3	2.5
72	1.7	1.9	2.2	2.4
71	1.6	1.8	2.1	2.3
70	1.5	1.7	2.0	2.2
69	1.4	1.6	1.9	2.1
68	1.3	1.5	1.8	2.0
67	1.2	1.4	1.7	1.9
66	1.1	1.3	1.6	1.8
65	1.0	1.2	1.5	1.7
64	0.9	1.1	1.4	1.6
63	0.8	1.0	1.3	1.5
62	0.7	0.9	1.2	1.4
61	0.6	0.8	1.1	1.3
60	0.5	0.7	1.0	1.2
<60	0	0	0	0