



2022-2023 Essex High School Profile

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ewsd.org/ehs

CEEB Code: 460-135



Our Mission

To engage students in learning that is intellectually vital, personally meaningful, and socially valuable.

The Community

As a part of the Essex Westford School District, Essex High School (EHS) serves Essex Junction, Essex Town, and Westford. These suburban towns have a combined population of 34,878 and are located ten miles from Vermont's largest city, Burlington. The US Census estimate for Chittenden County in 2020 was 168,865. Most residents within the district are employed in business, education, and other professions. The 2 largest Essex Junction employers are Global Foundries Microelectronics plant and Green Mountain Coffee Roasters.

The School

Essex High School is a public secondary school enrolling approximately 1260 students in grades 9 through 12. Essex High School was ranked #50 among all STEM high schools in the nation by Newsweek in 2020. Essex High School is accredited by the New England Association of Schools and Colleges and approved by the Vermont Agency of Education. Essex High School holds memberships in the National Association for College Admissions Counseling (NACAC), the New England Association for College Admission Counseling (NEACAC), and the New England Secondary School Consortium (NESSC) League of Innovative Schools.

Grading and Ranking

Essex High School does not weigh grades or rank students. The GPA calculation uses the following grade conversion tables to assign grade point values of 0 to 4.33 to final course grades before averaging. Starting in 2018-2019, grades are reported as letter grades and the requirement for passing is 60 and up. Grades were previously reported numerically on a 0-100 scale. Transcripts will display the final letter grade. Honor Roll students have a grade of either a P for Pass or a B or better in every class. The conversion charts below describe our current grading systems.

<u>Decile Distribution</u> <u>Class of 2023</u>	<u>Grade Conversion since the</u> <u>2018-2019 school year:</u>			<u>Testing Results</u>
Decile 1 = 4.07-4.33	<u>Letter</u>	<u>Grade</u>	<u>GPA</u>	20-21 ACT:
Decile 2 = 3.90-4.06	A+	97-100	4.33	Will update in October
Decile 3 = 3.72-3.89	A	93-96	4.00	Mean Composite EHS: 24.2
Decile 4 = 3.52-3.71	A-	90-92	3.67	Mean Composite VT:
Decile 5 = 3.34-3.51	B+	87-89	3.33	Students tested: 32
Decile 6 = 3.13-3.33	B	83-86	3.00	20-21 SAT
Decile 7 = 2.89-3.12	B-	80-82	2.67	Mean Scores:
Decile 8 = 2.58-2.88	C+	77-79	2.33	Mean ERW (Evidence-based
Decile 9 = 1.99-2.57	C	73-76	2.00	reading and writing): 584
Decile 10 = 0-1.98	C-	70-72	1.67	Mean Math for EHS: 581
Average GPA - 3.16	D+	67-69	1.33	Students tested: 177
Median - 3.33	D	63-66	1.00	21-22 AP:
Number of students in Class of 2023: 325	D-	60-62	0.67	Students tested: 250
				Tests administered: 339
				84% scored 3 or higher

Class of 2022 Latin Honors

(GPA after semester 1 during their final year)

EHS uses the Latin honors system to recognize graduating students at or near the top of their class.

Cum Laude (GPA 3.7-3.89): 37 Magna Cum Laude (GPA 3.9-4.09): 25 Summa Cum Laude (GPA 4.1-4.33): 20

Curriculum: This list includes the most difficult courses offered at EHS and the minimum number of required credits in each curricular area. Students must earn at least 24 credits to graduate. Find all class information at ewsd.org/ehs by choosing "Program of Studies" in the Academics tab. * indicates a course taught at EHS that may be used for Dual Enrollment credit.

Business Education: .5 Computer Literacy credit required

Personal Finance*

English:

4 credits required including Grade 9 and Grade 10 English

Grade 9 Honors English

Grade 10 Honors English

AP Language and Composition

AP Literature and Composition*

Fine Arts: 1 credit required

AP Music Theory

Art IV - AP Art

Health: .5 credit required

Mathematics: 3 credits required

Algebra II Honors

Honors Pre-Calculus

AP Statistics*

AP Calculus (AB)

AP Calculus (BC) Honors

AP Computer Science A

Physical Education:

1.5 credits required including a specific course

Practical Arts: .5 credit required

Science: 3 credits required including 1 credit

Physical Science and 1 credit Natural Science

Advanced Biology

AP Chemistry

AP Physics

AP Environmental Science

Chemistry 200

Designing Solutions for Global Challenges*

Social Studies:

3 credits required including 1 credit World Studies,

1 credit U.S. History, and .5 credit American

Government

AP U.S. History

AP World History

AP U.S. Government and Politics*

AP Comparative Government and Politics

AP Economics

World Languages: 1 credit required

French, Japanese, and Spanish

Advanced French Conversation and Culture V*

Spanish V*

Technical Education Opportunities: Find class information in the online EHS Program of Studies and on these sites:

Center for Technology, Essex: www.ewsd.org/cte

Burlington Technical Center: btc.bsdvt.org/

Dual Enrollment/Concurrent Enrollment:

EHS offers a variety of concurrent dual enrollment opportunities. These courses will be listed on the transcript under the "Summer/College Course History" section.

Grading in 2019-2020 due to COVID-19: Year-long and first semester classes were recorded as usual. Second semester classes received grades of Pass or Incomplete. These classes were not factored into the GPA. Year-long class grades are calculated using 30%/30%/30%/10% for the achievement demonstrated during 1st, 2nd, and 3rd quarters and the mid-term exam. Students in full-year courses who earned passing grades for 4th quarter and remained engaged with attendance through the end of the course have a grade of "P+" which results in a grade increase by one mark (e.g. A- to A).

Class Schedule

Essex High School uses an A/B block schedule with four 80-minute blocks per day on a two-day alternating cycle. A 30-minute mid-day "flex block" happens every day and includes advisory and academic support time. .

INTEGRATED ACADEMIES: Find information at ewsd.org/ehs under the EHS Academies tab.

The Academy of Visual and Performing Arts (AVPA) offers artistic pathways that provide a challenging and comprehensive academic arts curriculum for students interested in developing their passion and interest in the arts. Authentic learning opportunities, intensive study, guest artist visits, master classes, internships, and off-site visits provide a strong foundation for students who wish to pursue the arts at any level.

The Global Leadership Program (GLP) is an innovative program focused on three core competencies: global studies, cross-cultural competency and leadership development. The program is augmented with an international exchange program that is both virtual and face-to-face. Students also hear from ambassadors, politicians, and authors in the GLP Speaker Series, and learn about critical languages and cultures in the Language and Culture Series.

The STEM Academy students explore their passion for science, medicine, or engineering, using technology and the community to help them grow in their area of interest. Students typically apply for the academy at the end of 9th grade and participate in a STEM advisory. To receive a STEM endorsement students will attend 10 lecture series events, take the STEM internship class and complete a capstone project in their 12th grade year.

School Counseling Office

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Administration

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