



**Colchester High School**  
**PO Box 900 ~ 131 Laker Lane**  
**Colchester Vermont 05446**

**CEEB/ACT Code: #460108**

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<http://home.csdvt.org/chs/index.php>

**Administration**

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**The Community**

The high school is located on a 90-acre campus in Colchester, a growing and diverse town of 17,000 with an active business community. It is located on the scenic shore of Lake Champlain, 35 miles from the Canadian border, and in close proximity to Burlington and the interstate highway system. Colchester enjoys access to a wealth of recreational, cultural, social, and educational resources.

**The School**

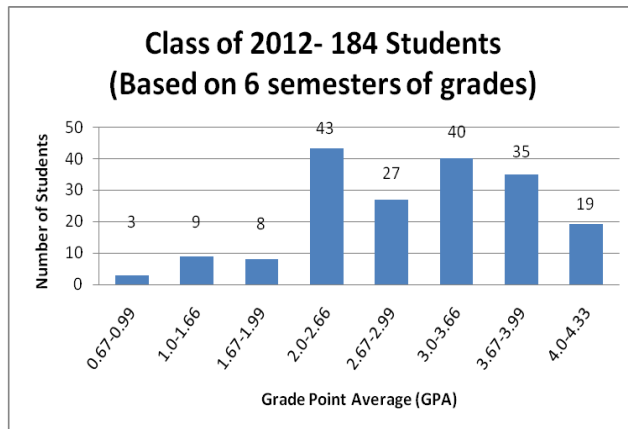
At this time, approximately 750 students are enrolled in the high school. 75 students attend the two Regional technical schools in Burlington and Essex Junction. Colchester High School actively supports international student exchange programs as a way to provide diversity and enrich the experience of students. The school is accredited by the New England Association of Schools and Colleges and the Vermont Department of Education. In 2002, The Department of Education named Colchester High School one of ten **Vermont High Schools on the Move**. In 2007, Colchester High School was awarded the Siemens Award for Advanced Placement. For the past few years and again in 2010 Colchester High School was named among one of Newsweek's top 1600 schools in the country.

**The Curriculum**

Colchester High School offers courses and activities designed to meet the needs of a wide range of student abilities, interests, and learning styles. The school is organized in two houses: Green House and Blue House. The Green House (grades 9 and 10) is primarily heterogeneously grouped using differentiated instruction to meet the needs of and challenge all learners. In grades 9 and 10 students complete most of their core graduation requirements. In 9<sup>th</sup> grade, humanities teams (Asian Experience in the past now named Thinkers and Revolutionaries) integrate instruction and make significant connections to science and mathematics. In 10<sup>th</sup> grade students also learn in interdisciplinary, differentiated humanities teams: The American Experience. The Green House Mathematics program differentiates Algebra and Geometry, providing a rigorous course of study for all students. Beginning with the class of 2007 students may earn Honors distinction through high achievement on the Habits of Learning Rubric used in many of the courses in the Green House. In the Blue House (grades 11 and 12) students who seek advanced level work may enroll in semester courses and pursue Honors level work. The "Honors" designation will appear on the transcript of any student who fulfills the requirements of the Honors Contract. In science students may be recommended for accelerated courses and/or may enroll in two lab courses in the same year. The mathematics sequence extends through AP Calculus. Students who elect to accelerate beyond the CHS curriculum may study college-level courses through Dual Enrollment. Last year, students completed 40 courses from CCV, UVM, VTC and Champlain College.

Colchester High School offers a variety of alternative paths for students as well. They may earn elective credit through the Options Program, which includes community service, outside course work, student aide assignments, work study, and independent study. In addition, students for whom the traditional programs are not successful may enter Target Graduation, an outcomes-based graduation program. In addition students may apply to take courses through our Virtual High School, an online learning community. VHS allows students to take courses not offered at CHS such as Marine Biology and Chemicals of Civilization.

<b><u>Decile Distribution</u></b> <b>(based on 6 semesters)</b>		
<b>Class 2012</b>	<b>#Students</b>	<b>GPA</b>
Top 10%	18	4.040+
Top 20%	36	3.803+
Top 30%	55	3.636+
Top 40%	73	3.276+
Top 50%	92	3.026+
Top 60%	110	2.831+
Top 70%	128	2.544+
Top 80%	146	2.310+
Top 90%	165	1.946
+		
<b>Average GPA = 3.01</b>		
Number of Students in Class of 2012-184		



**ACT/SAT/AP Results**  
**ACT Mean Composite Score = 21.4**  
**Total # students=113**

**SAT Mean Scores**  
**Critical Reading = 489 Math = 500**  
**Writing= 489 # students = 136**

**AP Testing**  
**145 students took 249 tests**  
**38% scored 3 or higher**  
**AP test required**

## CHS Requires

### 24.5 Credits to Graduate

All courses are listed online. Please check for specific and more complete listing & details at:

<http://home.csdvt.org/chs/main/guidance/pos10.pdf>

**HONORS:** \*All students may elect CORE curriculum courses in Grades 11 & 12 for Honors Credit. This requires that the student complete the Honors Contract. \*\*All Students in 9<sup>th</sup> and 10<sup>th</sup> grade may receive Honors Credit in Humanities, Math & Science by completing a Learning Habits requirement. (see highest level courses grid below)

### Business and Technology I & II (.5 credits each, required)

### Driver's Education

#### English (4 credits required)

Thinkers and Revolutionaries- Grade 9 English (formerly called Asian Experience)  
American Experience- Grade 10 English  
The Human Experience-Grade 11 English or

#### AP Literature and Composition

A variety of semester courses in composition & literature for grades 11 & 12

#### Fine Arts (1 credit required)

A wide variety of art and music courses.  
**AP Studio Art**

#### Health (.5 credit required)

#### Languages

French & Spanish to Level IV

#### Mathematics (3 credits required)

Algebra I & II, Geometry, Pre-Calculus, Trigonometry & Calculus  
Algebra III  
Consumer Math I & II  
Probability & Statistics

#### AP Statistics

#### AP Calculus – AB

#### Physical Education (1.5 credits required)

Lifetime Sports, Outdoor Recreation, Teambuilding, Fitness, Team Sports and Alternative Credit Options

#### Science (3.5 credits required)

Earth Systems Science (formerly called Science 9), Biology, Chemistry, & Physics

Essential Topics include A & P, Environmental Science, Forensic, and Engineering Lab

#### AP Biology

#### AP Chemistry

#### AP Physics C

#### Social Studies (3.5 credits required)

Thinkers & Revolutionaries-Grade 9 SS  
American Experience-Grade 10 SS  
The Human Experience-Grade 11 SS or

#### AP US History

#### AP European History

Senior Seminar-Civics (.5)

A variety of semester, elective courses in social sciences for grades 11 & 12

## Grading and Ranking

The Honors System is used to designate students who are at or near the top of their class. CHS does not rank.

### Rising Class of 2012

Summa Cum Laude  
4.1-4.33 GPA = 13

Magna Cum Laude  
3.8-4.09 GPA = 32

Cum Laude  
3.5-3.79 GPA = 18

### Grade Conversion Table (unweighted)

Grade	A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
Score	97-100	93-96	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	00-59
GPA	4.33	4.00	3.67	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	0.67	0.00

### 2011 Post Secondary Plans:

4 Year College/University: 57%

2 Year College/Trade School: 16%

Military: 3%

Employment: 19%

Other: 5%

Total Class Size: 199

### Highest Level Courses

2008-2009	2009-2010	2010-2011	2011-2012
Asian Experience (9)**	Thinkers and Revolutionaries(9)**	Thinkers and Revolutionaries(9)**	Thinkers and Revolutionaries(9)**
American Experience (10)**	American Experience (10)**	American Experience (10)**	American Experience (10)**
AP Language	AP Language	AP Language	AP Language
AP Literature	AP Literature	AP Literature	AP Literature
Science 9**	Earth Systems Science**	Earth Systems Science**	Earth Systems Science**
Experimental Biology**	Experimental Biology**	Experimental Biology**	Experimental Biology**
AP Biology	AP Biology	AP Biology	AP Biology
Experimental Chemistry*	Experimental Chemistry*	Experimental Chemistry*	Experimental Chemistry*
Principles of Physics*	Principles of Physics*	Principles of Physics*	Principles of Physics*
AP Physics	AP Physics	AP Physics	AP Physics
AP Chemistry	AP Chemistry	AP Chemistry	AP Chemistry
Algebra**	Algebra**	Algebra**	Algebra**
Geometry**	Geometry**	Geometry**	Geometry**
Algebra II/Trig*	Algebra II/Trig*	Algebra II/Trig*	Algebra II/Trig*
Pre-Calculus*	Pre-Calculus*	Pre-Calculus*	Pre-Calculus*
AP Calculus I	AP Statistics	AP Statistics	AP Statistics
AP American History	AP Calculus I	AP Calculus I	AP Calculus I
AP European History	AP American History	AP American History	AP American History
Spanish IV	AP European History	AP European History	AP European History
French IV	AP Art, Spanish IV, French IV	AP Art, Spanish IV, French IV	Spanish IV, French IV

### College Acceptances

American University	Endicott College	RIT	University of New England
Arizona State	Gettysburg	Rutgers	University of Rochester
Barry University	Hartwick	Salem State	University of Tampa
Bellarmine University	Harvard	Salve Regina	Virginia Tech
Brandeis University	Johnson State College	St. Michael's College	VTC
Bryant	Keene State	Suffolk University	Wentworth
Castleton State College	Lesley University	SUNY-CANTON	West Virginia University
CCV	Lincoln College-Technology	SUNY-PLATTSBURGH	
Central Carolina CC	Lyndon State College	UConn	
Champlain College	MCPHS	UNC-Greensboro	
Chester College of N.E.	McGill University	UNH	
Clark University	Middlebury College	UTI	
Clarkson	Montana State University	UVM	
Colby Sawyer College	New England College	Union College	
Cornell College	New Hampshire Inst. Of Art	University of Charleston	
Culinary Inst of America	Point Loma Nazarene Univ	University of Florida	

