

Longmont High

School Profile



FOCUS

AP, Medical and BioScience Academy, High School of Business, TrojanTECH/PTECH

CONTACT INFORMATION

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ACCREDITATION

Accredited by the Colorado Department of Education

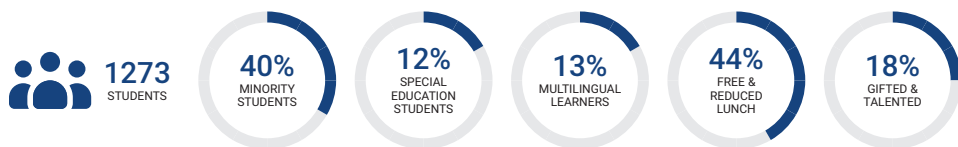


District Overview

St. Vrain Valley Schools is the educational home of more than 32,000 of Colorado's students. St. Vrain Valley is the seventh largest school district in the state and operates 57 schools and programs that are spread over 411 square miles serving 13 geographically diverse communities. All traditional schools in St. Vrain are accredited at the two highest levels with some of the most rigorous graduation requirements in Colorado. St. Vrain Valley Schools is preparing students for the future by giving them a strong competitive advantage that will empower their success in a complex, globalized economy. The district offers 70 Instructional Focus Programs including: Energy, STEM, Engineering and Aerospace, Medical and BioScience, International Baccalaureate, and Leadership.

School Overview

Longmont High School (LHS), founded as Longmont's original high school in 1901, is a learning community committed to guiding students in becoming productive, empowered and involved citizens of the world. All students have access to a full continuum of rigorous academic course offerings and a diverse selection of co-curricular activities. Additionally, LHS is home to several instructional focus programs which include Advanced Placement (AP) courses, the Medical and BioScience Academy (MBSA), the High School Business Program, and TrojanTECH (A.A.S. in Business from Front Range Community College). In addition to their coursework, students have the opportunity to participate in internship programs with local professionals, earn industry certifications, and earn college credits.



Student Achievement

- The number of AP exams administered in 2024-2025 was 689.
- 81% of AP students received a score of 3 or higher in 2024-2025.
- Longmont High School had 131 AP scholars with 38 with Distinction, 27 with Honors, 15 AP Capstone Diploma recipients, and 20 AP Research and Seminar Certificates in 2024-2025.
- The SAT composite score for LHS 2024-2025 seniors was 978.
- Over 75% of the LHS student body participate in arts, activities and/or athletics.
- Over 70% of Longmont High students are enrolled in AP, Honors, Concurrent Enrollment, Medical and BioScience Academy, and High School of Business, and PTECH coursework.
- Longmont High School has produced 96 National Merit Semifinalists, 75 National Merit Finalists, 40 National Merit Scholars, and 18 Boettcher Scholars.
- Student honors include: Boettcher Scholars, National Merit Scholars, Daniels Foundation Scholars, Wendy's High School Heisman Scholars and appointments to the armed services academies.

Academic Programming and College Credit Options

Advanced Placement (AP): 27 weighted grade courses

Honors Courses: Offered throughout 9th and 10th grade (15 course options)

Concurrent Enrollment: CU Succeed Gold and Front Range Community College

High School of Business: Students earn college credits through partnerships with colleges and universities across the nation

Medical and BioScience Academy: LHS students experience a career-focused pathway that combines rigorous science coursework with a 40-hour internship with a bioscience professional

TrojanTECH/PTECH: LHS students earn a fully funded, fully transferable, Associate Degree of Applied Science in Business from Front Range Community College at no cost to the student

Graduation Requirements

24.5 TOTAL CREDITS REQUIRED
AMONG THE MOST RIGOROUS
IN COLORADO

English	4.0
Math	3.0
Science	3.0
Social Studies	3.0
Fine Arts	0.5
Practical Arts	0.5
Physical Education	2.0
Health	0.5
Electives	8.0
Financial Literacy	0.5

Transcript Notations

- Includes both unweighted and weighted cumulative GPA
- Rank in class is determined by students' cumulative GPA, which includes classes taken at the college level. Every grade, except P and S, in grades 9-12 is used in calculating rank.
- A (TR) indicates credit transferred from another institution
- A (PS) indicates a dual credit college course taken through concurrent enrollment with the University of Colorado-Denver, e.g. CU Gen. Psych or Front Range Community College, e.g. FRCC English 121.
- Weighted grades are earned in courses designated as Honors or Advanced Placement using the following grading scale:

UNWEIGHTED	HONORS	ADVANCED PLACEMENT
A 4.0	A 4.5	A 5.0
B 3.0	B 3.5	B 4.0
C 2.0	C 2.5	C 3.0
D 1.0	D 1.5	D 2.0
F 0.0	F 0.0	F 0.0

The majority of Longmont High School students attend a 2 or 4 year university.

Longmont High School alumni have attended:

- Brown University
- Duke University
- Colorado State University
- Embry-Riddle Aeronautical University
- Harvard University
- Massachusetts Institute of Technology
- Princeton University
- Rensselaer Polytechnic Institute
- Stanford University
- Wellesley College
- University of Colorado - Boulder
- Yale University

College Preparatory Curriculum

The following courses are offered at Longmont High School. Specific College Preparatory (CP), Honors, and Advanced Placement (AP) classes are listed in separate columns. AP courses are considered the most difficult courses available for each subject area in which they are offered.

Traditional Offerings	College Prep & Honors	Advanced Placement
ENGLISH English 9 English 10 Debate/Speech Creative Writing Mystery Literature	Honors English 9 Honors English 10 CP English 11 CP English 12	AP English Language* AP English Literature* AP Seminar (AP Capstone Req.) AP Research (AP Capstone Req.)
SOCIAL STUDIES World Geography 9 U.S. History 10 Psychology Philosophy 1 & 2 Personal Finance Literacy	Honors World Geography 9 Honors U.S. History 10 CP U.S./CO Government	AP Human Geography 9 AP U.S. History 10 AP U.S. Government AP Comparative Government AP Psychology* AP European History AP Macro Economics AP Micro Economics
SCIENCE Biology 9 Chemistry 10 Physics 11 Animal Behavior Forensics Science Anatomy & Physiology	Honors Biology 9 Honors Chemistry 10*	AP Biology* AP Chemistry* AP Environmental Science* AP Physics 1 AP Physics 2*
MATHEMATICS Algebra 1 Geometry Algebra 2 PreCalculus Trigonometry Statistics	Accelerated Algebra Honors Geometry Honors Algebra 2 College Algebra	AP PreCalculus* AP Calculus AB* AP Calculus BC* AP Statistics
WORLD LANGUAGES Spanish 1-4 Spanish for Spanish Speakers I Spanish for Spanish Speakers II AP Spanish Literature and Culture French 1-4		ARTS AP Music Theory AP 2D Art and Design AP Art History COMPUTER SCIENCE AP Computer Science A AP Computer Science Principles *CU Succeed Gold course

Instructional Focus

- 27 Advanced Placement Classes
- Medical and BioScience Academy (MBSA)
- High School of Business (HSB) Pathway Program
- TrojanTECH/PTECH program (A.A.S. Degree in business from Front Range Community College)
- STEM education through engineering and computer science.
- Active partnerships with University of Colorado Denver, University of Colorado Boulder, Colorado State University and the University of Northern Colorado
- One of the state's largest selections of AP and CU Succeed Gold courses
- World Languages in French and Spanish

Technology Focus

- All students are issued an iPad.
- Courses offered with technology focus: Computer Science, Engineering, Robotics.
- Internship opportunities and certification programs are offered at the district's Innovation Center and Career Elevation and Technology Center.
- Students have access to a Media Center, Makerspace and Virtual Reality Lab at LHS.

Focus Program Offerings

MEDICAL AND BIOSCIENCE ACADEMY Intro to Health Care Foundations 9 Nutrition & Wellness 10/11/12 Forensic Science 10/11/12 Animal Behavior 10/11/12 Biotechnology 10/11/12 Anatomy & Physiology 11/12 MBSA Internship 12	HIGH SCHOOL OF BUSINESS Leadership 9 Wealth Management 9 Principles of Business 10 Business Economics 10 Principles of Marketing 11 Principles of Finance 11 Principles of Management 12 Business Strategies	TROJANTECH/PTECH AT FRCC Intro to Business 9 Public Speaking 10 Arts and Humanities History 10 Legal Env. of Business 10 Microeconomics 11 Macroeconomics 11	Business Ethics 11 College Algebra 11 Accounting I 11 English Composition I/II 12 Science 12 Accounting II 12 Business Communications 12
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Longmont High

Perfil de la escuela



ÁREAS DE ENFOQUE

AP, Academia de Medicina y Biociencias, Escuela Preparatoria de Negocios, TrojanTECH/PTECH

INFORMACIÓN DE CONTACTO

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ACREDITACIÓN

Acreditado por el Departamento de Educación de Colorado



Descripción general del distrito

St. Vrain Valley Schools es el hogar educativo de más de 32,000 estudiantes de Colorado. St. Vrain Valley es el séptimo distrito escolar más grande del estado y opera con 57 escuelas y programas que se extienden por 411 millas cuadradas y atendiendo a 13 comunidades geográficamente diversas. Todas las escuelas tradicionales en St. Vrain están acreditadas en los dos niveles más altos con algunos de los requisitos de graduación más rigurosos de Colorado. St. Vrain Valley Schools está preparando a los estudiantes para el futuro brindándoles una fuerte ventaja competitiva que potenciará su éxito en una economía compleja y globalizada. El distrito ofrece 70 programas de enfoque instructivo que incluyen: Energía, STEM, Ingeniería y Aeroespacial, Medicina y Biociencia, Bachillerato Internacional y Liderazgo.

Descripción general de la escuela

Longmont High School (LHS), fundada como la escuela preparatoria original de Longmont en 1901, es una comunidad de aprendizaje comprometida a guiar a los estudiantes para que se conviertan en ciudadanos del mundo productivos, empoderados e involucrados. Todos los estudiantes tienen acceso a una gama completa de rigurosas ofertas de cursos académicos y una diversa selección de actividades cocurriculares. Además, LHS es el hogar de varios programas de enfoque de instrucción que incluyen cursos de Colocación Avanzada (AP), la Academia de Medicina y Biociencias (MBSA), el Programa de Negocios de Preparatoria y TrojanTECH (A.A.S. en Negocios de Front Range Community College). Además de sus cursos, los estudiantes tienen la oportunidad de participar en programas de pasantías con profesionistas locales, obtener certificaciones de la industria y obtener créditos universitarios.



1273

ESTUDIANTES

40%

ESTUDIANTES MINORITARIOS

12%

ESTUDIANTES DE EDUCACIÓN ESPECIAL

13%

ESTUDIANTES MULTILINGÜES

44%

ALMUERZO GRATUITO Y REDUCIDO

18%

DOTADOS Y TALENTOSOS

Rendimiento estudiantil

- El número de exámenes AP administrados en 2024-2025 fue de 689.
- El 81% de los estudiantes AP recibieron una puntuación de 3 o más en 2024-2025.
- Longmont High School tuvo 131 becarios AP, 38 de ellos con distinción, 27 con honores, 15 beneficiarios del diploma AP Capstone y 20 certificados AP de investigación y seminarios en 2024-2025.
- El puntaje compuesto del SAT para los estudiantes de último año de LHS 2024-2025 fue de 978.
- Más del 75% del alumnado de LHS participa en artes, actividades y/o deportes.
- Más del 70% de los estudiantes de Longmont High están inscritos en cursos AP, Honores, Inscripción Concurrente, Academia de Medicina y Biociencias, Escuela Preparatoria de Negocios y PTECH.
- Longmont High School ha producido 96 semifinalistas de mérito nacional, 75 finalistas de mérito nacional, 40 becarios de mérito nacional y 18 becarios Boettcher.
- Los honores estudiantiles incluyen: Boettcher Scholars, National Merit Scholars, Daniels Foundation Scholars, Wendy's High School Heisman Scholars y nombramientos en las academias de las fuerzas armadas.

Programación académica y opciones de créditos universitarios

Colocación avanzada (AP): 27 cursos de calificación ponderada.

Cursos de honores: Ofrecidos durante los grados 9 y 10 (15 opciones de cursos).

Inscripción simultánea: CU Succeed Gold y Front Range Community College.

Escuela preparatoria de negocios: los estudiantes obtienen créditos universitarios a través de asociaciones con colegios y universidades de todo el país.

Academia de Medicina y Biociencias: Los estudiantes de LHS experimentan una trayectoria centrada en la carrera profesional que combina rigurosos cursos de ciencias con unas prácticas de 40 horas con un profesional de las biociencias

TrojanTECH/PTECH: Los estudiantes de LHS obtienen un título de asociado en ciencias aplicadas en negocios totalmente financiado y totalmente transferible por parte de Front Range Community College sin costo para el estudiante.

Requisitos de graduación

24.5 CRÉDITOS TOTALES REQUERIDOS ENTRE LOS MÁS RIGUROSOS DE COLORADO

Inglés	4.0
Matemáticas	3.0
Ciencia	3.0
Ciencias sociales	3.0
Bellas artes	0.5
Artes Prácticas	0.5
Educación física	2.0
Salud	0.5
Optativas	8.0
Educación financiera	0.5

Anotaciones de transcripción

- Incluye promedio de calificaciones acumulativo (GPA) ponderado y no ponderado
- El rango en la generación está determinado por el GPA acumulativo de los estudiantes, que incluye las clases tomadas a nivel universitario. Todas las calificaciones, excepto P y S, en los grados 9-12 se utilizan para calcular el rango.
- Un (TR) indica crédito transferido desde otra institución.
- Un (PS) indica un curso universitario de doble crédito tomado a través de la inscripción simultánea en la Universidad UC-Denver, por ejemplo, CU Gen. Psych (Psicología General) o Front Range Community College, por ejemplo, FRCC English (Inglés) 121.
- Las calificaciones ponderadas se obtienen en cursos designados como Honores o Colocación Avanzada utilizando la siguiente escala de calificación:

SIN PONDERAR	HONORES	COLOCACIÓN AVANZADA
A 4.0	A 4.5	A 5.0
B 3.0	B 3.5	B 4.0
C 2.0	C 2.5	C 3.0
D 1.0	D 1.5	D 2.0
F 0.0	F 0.0	F 0.0

La mayoría de los estudiantes de Longmont High School asisten a una universidad de 2 o 4 años.

Los ex alumnos de Longmont High School han asistido a las siguientes instituciones:

- Brown University
- Duke University
- Colorado State University
- Embry-Riddle Aeronautical University
- Harvard University
- Massachusetts Institute of Technology
- Princeton University
- Rensselaer Polytechnic Institute
- Stanford University
- Wellesley College
- University of Colorado - Boulder
- Yale University

Plan de estudios preparatorio para la universidad

Los siguientes cursos se ofrecen en Longmont High School. Las clases específicas de preparación universitaria (CP), honores y colocación avanzada (AP) se enumeran en columnas separadas. Los cursos AP se consideran los cursos más difíciles disponibles para cada área temática en la que se ofrecen.

Ofertas tradicionales	Preparación para la universidad y honores	Colocación avanzada
INGLÉS English 9 English 10 Debate/Speech Creative Writing Mystery Literature	Honors English 9 Honors English 10 CP English 11 CP English 12	AP English Language* AP English Literature* AP Seminar (AP Capstone Req.) AP Research (AP Capstone Req.)
CIENCIAS SOCIALES World Geography 9 U.S. History 10 Psychology Philosophy 1 & 2 Personal Finance Literacy	Honors World Geography 9 Honors U.S. History 10 CP U.S./CO Government	AP Human Geography 9 AP U.S. History 10 AP U.S. Government AP Comparative Government AP Psychology* AP European History AP Macro Economics AP Micro Economics
CIENCIA Biology 9 Chemistry 10 Physics 11 Animal Behavior Forensics Science Anatomy & Physiology	Honors Biology 9 Honors Chemistry 10*	AP Biology* AP Chemistry* AP Environmental Science* AP Physics 1 AP Physics 2*
MATEMÁTICAS Algebra 1 Geometry Algebra 2 PreCalculus Trigonometry Statistics	Accelerated Algebra Honors Geometry Honors Algebra 2 College Algebra	AP PreCalculus* AP Calculus AB* AP Calculus BC* AP Statistics
IDIOMAS DEL MUNDO Spanish 1-4 Spanish for Spanish Speakers I Spanish for Spanish Speakers II AP Spanish Literature and Culture French 1-4		ARTES AP Music Theory AP 2D Art and Design AP Art History INFORMÁTICA AP Computer Science A AP Computer Science Principles *CU Succeed Gold course

Ofertas del programa de enfoque

ACADEMIA DE MEDICINA Y BIOCENCIAS
Intro to Health Care Foundations 9
Nutrition & Wellness 10/11/12
Forensic Science 10/11/12
Animal Behavior 10/11/12
Biotechnology 10/11/12
Anatomy & Physiology 11/12
MBSA Internship 12

ESCUELA PREPARATORIA DE NEGOCIOS
Leadership 9
Wealth Management 9
Principles of Business 10
Business Economics 10
Principles of Marketing 11
Principles of Finance 11
Principles of Management 12
Business Strategies

TROJANTECH/PTECH AT FRCC
Intro to Business 9
Public Speaking 10
Arts and Humanities
History 10
Legal Env. of Business 10
Microeconomics 11
Macroeconomics 11
Business Ethics 11
College Algebra 11
Accounting I 11
English Composition I/II 12
Science 12
Accounting II 12
Business Communications 12

Enfoque instructivo

- 27 clases de colocación avanzada.
- Academia de Medicina y Biociencias (MBSA).
- Escuela Secundaria de Negocios (HSB), programa de trayectoria académica.
- Programa TrojanTECH / PTECH (Título AAS en negocios de Front Range Community College)
- Educación STEM a través de la ingeniería y la informática.
- Asociaciones activas con University of Colorado Denver, University of Colorado Boulder, Colorado State University y University of Northern Colorado.
- Una de las selecciones más grandes del estado de cursos AP y CU Succeed Gold.
- Francés y Español en Idiomas del mundo.

Enfoque tecnológico

- Todos los estudiantes reciben un iPad.
- Cursos ofrecidos con enfoque tecnológico: Ciencias de la Computación, Ingeniería, Robótica.
- Las oportunidades de pasantías y los programas de certificación se ofrecen en el Innovation Center (centro de innovación) y el Career Elevation and Technology Center (centro de tecnología y elevación de carreras) del distrito.
- Los estudiantes tienen acceso a un Centro de Medios, un Makerspace y Laboratorio de Realidad Virtual en LHS.