Skyline High
School Profile

ST. VRAIN VALLEY SCHOOLS
academic excellence by design

FOCUS
Visual Performing Arts Academy
P-TECH, STEM Academy

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ACCREDITATION
Rated at **Improvement** by the Colorado Department of Education
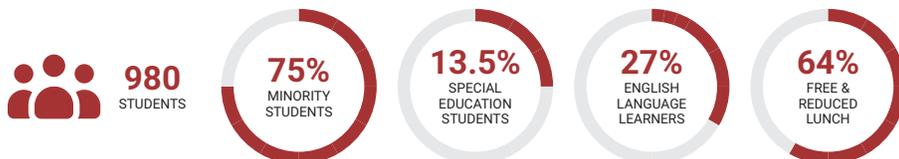
District Overview

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

Skyline High School educates students in a safe and empowering environment. Our mission is to challenge students to achieve the highest levels of academic success so they may thrive in an increasingly diverse and complex world. Skyline was named as a 2021 Best High School by the US News and World Report. We have a strong emphasis on STEM (Science, Technology, Engineering and Math) within our curriculum where students are introduced to advanced technology and equipment along with collaboration and leadership skills. All students have access to a full continuum of rigorous academic course offerings and a diverse selection of co-curricular activities. Students can also participate in the school's three focus offerings: Visual and Performing Arts Academy, STEM Academy, or FalconTech, the district's first P-TECH (Pathways in Technology Early College High School) school.

980 STUDENTS

75% MINORITY STUDENTS

13.5% SPECIAL EDUCATION STUDENTS

27% ENGLISH LANGUAGE LEARNERS

64% FREE & REDUCED LUNCH

Student Achievement

- The SAT composite score for Skyline High School 2024-2025 was 908.
- 294 students took 876 FRCC Concurrent Enrollment courses during the 2024-2025 school year.
- On College Board AP exams, Skyline students increased qualifying scores by 6%.
- Skyline High School students have received state and national recognition, including Amazon Future Engineering Scholarship, Boettcher Scholarships, Daniels Fund Scholarships, and National Merit Scholarship semi-finalists.
- Over 71% of SHS students participate in arts, activities and/or athletics.
- Skyline's P-TECH Program (FalconTECH) has welcomed three new industry partners into our collaboration: Advanced Network Management (ANM), CGI Inc., and our own St. Vrain Valley Schools Technology Services (DTS) department. Together, these partners have recruited over 30 new mentors for FalconTECH, bringing fresh enthusiasm to the program.
- 230 FalconTech students have completed a summer internship with one of our industry partners since 2019
- University of Colorado College of Engineering guaranteed admissions agreement for qualified STEM graduates.
- Home of St. Vrain's STEM (Science, Technology, Engineering and Math) and VPA (Visual and Performing Arts) academies with nearly 300 accepted students.

Academic Programming and College Credit Options

Advanced Placement (AP): 20 weighted grade courses
Concurrent Enrollment Options: Front Range Community College
Honors Courses: Offered throughout 9th and 10th grade

FalconTECH: In partnership with IBM, ANM, CGI, District Technology Services (DTS), and Front Range Community College, students have the opportunity to earn an Associate of Applied Science in Computer Information Systems at no cost to the student, concurrently with a high school diploma.

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	**7.5**
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 University of Colorado-Boulder, 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

College Preparatory Curriculum

The following courses are offered at Skyline High School. Specific Traditional, 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	Honors English 9	AP English Language
English 10	Honors English 10	AP English Literature
English 11		AP Seminar (AP Capstone)
English 12		AP Research (AP Capstone)
SOCIAL STUDIES		
U.S. History	Honors World Geography	AP Human Geography
U.S./CO Government		AP U.S. Government
Pyschology		AP U.S. History
Sociology		AP Psychology
Personal Financial Literacy		AP Macroeconomics
SCIENCE (ALL LAB BASED)		
Biology	Honors Biology	AP Biology
Chemistry	Honors Chemistry	AP Environmental Science
Physics		AP Physics 1/Algebra-based
Anatomy & Physiology		AP Physics/Calculus--based
Astronomy		
Forensic Science		
Geology		
MATHEMATICS		
Algebra 1	Honors Geometry	AP Calculus AB
Algebra 2	Honors Algebra 2	AP Statistics
Geometry	Honors Trig/Pre-Calculus	
Statistics		
Pre-Calculus/Trigonometry		
WORLD LANGUAGES		
Spanish 1-4		AP Spanish
Spanish for Spanish Speakers		AP French
French 1-4		
STEM/COMPUTER SCIENCE		**ARTS**
Explorations in STEM	Introduction to Programming	AP Music Theory
Creative Engineering	Introduction to Computing	AP 2D Studio Art
Advanced Engineering	Apple Certified Mac and iOS Tech	AP 2D Studio Art - 2D Design
Robotics	Computer Science A+B	AP 3D Studio Art - 3D Design
Senior Design	Business Classes	
Computer Technician I: A+		**PRACTICAL ARTS**
		AP Computer Science

Focus Program Offerings

VISUAL & PERFORMING ARTS		
Guitar	Jazz Band	Beginning/Intermediate Stage Technology
Alpine Jazz	Allegro	Music Theater
Concert Choir	FRCC Music Ensemble	FRCC Drawing
Symphonic Orchestra	Percussion Ensemble	FRCC Ceramics
Symphonic Band	Drama/Advanced Drama	
FALCONTECH		
Introduction to PC Applications	Web Application Development	Web Design I
Complete PC Word Processing: Word	Linux Configuration: OS	English Composition I
Complete PC Database: Access	C++ Programming	U.S. History Since the Civil War
PC Spreadsheet Concepts: Excel	Advanced Java Programming Internship	College Algebra
Introduction to SQL	Introduction to Programming - CSC 119	Introduction to Business
Systems Analysis & Design I	Object Oriented Programming	Corporate Ethics and Social Responsibility
Computer Science +2	Web Editing Tools: Dreamweaver	
Complete Web Authoring	Client Side Scripting: Software	

FalconTECH students will take 63 college credits (in addition to high school requirements) to complete their degree.

Instructional Focus

- 20 Advanced Placement classes and AP Capstone.
- World languages in French and Spanish.
- FalconTECH students graduate in four to six years with a high school diploma from St. Vrain Valley Schools and an Associate of Applied Science degree from Front Range Community College. Students also receive mentorships and internships from IBM, and are highly-qualified for industry employment upon graduation. The AAS degree is at no cost to the students.
- Career Elevation and Technology Center: Internship opportunities and certification programs are offered at this district hands-on learning center.
- Strong business partnerships throughout the community provide resources, expertise and opportunities for students.
- Skyline partners with the district's Innovation Center where students can work on research and development projects that will prepare them for future careers in STEM.

Technology Focus

- All students have access to personal iPads.
- Courses offered with technology focus include Introduction to Programming, Introduction to Computing, Computer Science, and AP Computer Science Principles.
- FalconTECH students can choose classes in Computer Information Systems, Programming and/or Web Development. Each FalconTECH student receives a ThinkPad their 10th grade year in order to be successful in their college coursework.
- Students have access to a laser printer, two 3D printers, Makerspace in the library,
- Tech Squad participation, and Apple Certification classes at the Innovation Center.
- Skyline High School sponsors a competitive Robotics Team that competes locally, at the state level and nationally.