

# Mead High School Profile

## FOCUS

Energy Academy, AP Capstone Diploma

## CONTACT INFORMATION

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## ACCREDITATION

Rated at **Performance**, Colorado Department of Education's highest level



## 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 55 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

Mead High School (MHS) offers a rigorous curriculum to students with courses in Advanced Placement, CU Succeed, Honors, and concurrent enrollment options with Front Range Community College and Aims Community College. All students have access to a full continuum of rigorous academic course offerings and a diverse selection of extra-curricular and co-curricular activities. **MHS is also home to the Mead Energy Academy, a program that prepares students for college studies, technical education, certification programs and the workforce by studying today's energy fields.** MHS ranked in the top 25 percent of *U.S. News & World Report's* 2020 profile of Best Public High Schools in America. Students are engaged in a variety of activities that ignite their passion for academic and personal excellence. Our faculty is highly involved with the success of each student and is supported by energized and involved parents.



## Student Achievements

Class of 2024

- SAT composite score: 1018.
- 97% graduation rate.
- 600 AP Exams administered.

Overall Achievements

- Students participate in the Mead Energy Academy, a program devoted to the principles of energy, in partnership with energy professionals, that prepare students for college studies, technical education, certification programs and the workforce.
- Over 75% of the MHS student body participate in co-curricular activities including art, music and fine arts programs, along with state competitive athletic programs.
- MHS consists of an engaged, positive and civic-minded student body with strong ties to the local community.
- Student honors include: Boettcher Scholars, Daniels Scholarships, National Merit Scholarships, appointment to the United States Air Force Academy, Naval Academy National Welding Champion, and FBLA State Champions.
- As a Unified Champion School, MHS promotes a culture of inclusivity with students competing in sports and participating in music events.



## Academic Programming and College Credit Options

**Advanced Placement (AP):** 23 weighted grade courses

**Honors Courses:** Offered throughout grades 9, 10, and 11

**Concurrent Enrollment:** Opportunities with Front Range Community College, Aims Community College, and CU Gold Courses in Math

**Innovation Center and Career Development Center:** Internship opportunities and certification programs are offered at these district learning centers

**Mead Energy Academy:** A program preparing students for today's energy fields

# Graduation Requirements

24.5 TOTAL CREDITS REQUIRED  
AMONG THE MOST RIGOROUS  
IN COLORADO

English	4.0
Math	3.0
Science	3.0
Social Studies	3.5
Fine Arts	0.5
Practical Arts	0.5
Physical Ed.	2.0
Health	0.5
Electives	7.5

# 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-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	4.5	5.0
B	3.0	3.5	4.0
C	2.0	2.5	3.0
D	1.0	1.5	2.0
F	0.0	0.0	0.0



80% OF MEAD HIGH SCHOOL STUDENTS ATTEND A 2 OR 4 YEAR UNIVERSITY

Mead High School Alumni have graduated from:

- Colorado School of Mines
- Colorado State University
- University of Colorado - Boulder
- Brown University
- University of Wyoming
- Clemson University
- US Air Force Academy
- University of Denver
- University of Northern Colorado

# College Preparatory Curriculum

The following courses are offered at Mead 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
<b>ENGLISH</b>		
English 9/Integrated English 9 English 10/Integrated English 10 Journalism English 11 English 12	Honors English 9 Honors Integrated 9 Honors Integrated 10 English 121 and 122 (Front Range Community College)	AP English Language AP English Literature AP Seminar AP Research
<b>SOCIAL STUDIES</b>		
World Geography 9 Integrated World Geography 9 US History Integrated US History Psychology/Philosophy/Sociology Contemporary Global Issues	Honors World Geography Honors Integrated World Geo 9 Honors US History 10 Honors Integrated US History	AP US History AP US Government AP Psychology AP Human Geography AP Macroeconomics AP Microeconomics
<b>SCIENCE (ALL LAB BASED)</b>		
Geology Biology Chemistry Physics Meteorology Forensic Science	Honors Biology Honors Chemistry Anatomy & Physiology	AP Biology AP Chemistry AP Environmental Science AP Physics 1/Alg based
<b>MATHEMATICS</b>		
Algebra 1 or Alg 1 Extensions Geometry Intermediate Algebra Algebra 2 or Alg 2 Extensions Statistics and Finite Math	Honors Geometry Honors Alg 2 Honors Trig/Pre-Calc (CU Succeed)	AP Calculus AB AP Statistics
<b>WORLD LANGUAGES</b>		
Spanish 1-4 French 1-4		AP Spanish
<b>FINANCIAL LITERACY</b>		
Personal Financial Literacy Intro to Business	<b>ENERGY ACADEMY</b>	
	Principles of Energy Science Energy Industry Practices Energy Systems and Technology GIS Senior Capstone Project	<b>ARTS</b>
		AP Music Theory AP 2D Studio Art AP 3D Studio Art
		<b>PRACTICAL ARTS</b>
		AP Computer Science Principles AP Computer Science

# Instructional Focus

- 23 Advanced Placement Classes
- 13 Honors Courses
- Foreign language options in Spanish, French, and American Sign language
- Class offerings include AP Computer Science, Energy Systems and Technology, Trigonometry and Pre-Calculus offered by CU adjunct professors, Integrated English and Social Studies, GIS (Geographical Information Systems)

# Technology Focus

- All students and teachers have access to personal iPads
- 9 classroom sets of chromebooks and 2 computer labs
- Courses offered with technology focus include: AP Computer Science, AP Computer Science Principles, App Design, Music Technology, and Vex Robotics Team
- Access to Innovation Center courses which include Energy Systems and Technology and Geographic Information Systems (GIS)
- Mead High School offers courses in robotics, digital media, and digital production