Mead High School Profile

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, 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. 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 Achievement

- The SAT composite score for MHS 2018-2019 seniors was 1012.
- The number of college credits earned by students in 2018-2019 was 515.
- The number of AP exams administered in 2018-2019 was 418.
- 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 86 percent 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, National Merit Scholarships, appointment to the United States Air Force Academy, National Welding Champion and FBLA State Champions.
- Students have the opportunity to participate in strong athletics and performing arts programs.

Academic Programming and College Credit Options

Advanced Placement (AP): 22 weighted grade courses
Honors Courses: Offered throughout 9th and 10th grade
Concurrent Enrollment: Opportunities with Front Range and Aims Community College and CU Gold Courses in Math and Social Studies
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

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4.0</td>
</tr>
<tr>
<td>Math</td>
<td>3.0</td>
</tr>
<tr>
<td>Science</td>
<td>3.0</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3.0</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>0.5</td>
</tr>
<tr>
<td>Practical Arts</td>
<td>0.5</td>
</tr>
<tr>
<td>Physical Ed.</td>
<td>2.0</td>
</tr>
<tr>
<td>Health</td>
<td>0.5</td>
</tr>
<tr>
<td>Electives</td>
<td>8.0</td>
</tr>
</tbody>
</table>

Total Credits Required: 24.5

24.5 TOTAL CREDITS REQUIRED AMONG THE MOST RIGOROUS IN COLORADO

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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>UNWEIGHTED</th>
<th>HONORS</th>
<th>ADVANCED PLACEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
<td>4.5</td>
<td>5.0</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
<td>3.5</td>
<td>4.0</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
<td>2.5</td>
<td>3.0</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
<td>1.5</td>
<td>2.0</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

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 Offers

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>English 9/Integrated English 9, English 10/Integrated English 10, Honors English 11, English 12</td>
</tr>
<tr>
<td>SCIENCE (ALL LAB BASED)</td>
<td>Geology, Biology, Chemistry, Physics, Meteorology, Forensic Science</td>
</tr>
<tr>
<td>MATHEMATICS</td>
<td>Algebra 1 or Alg 1 Extensions, Geometry, Intermediate Algebra, Algebra 2 or Alg 2 Extensions, Trigonometry, Statistics</td>
</tr>
<tr>
<td>WORLD LANGUAGES</td>
<td>Spanish 1-4, French 1-4, Mandarin Chinese 1-3</td>
</tr>
<tr>
<td>FINANCIAL LITERACY</td>
<td>Personal Financial Literacy</td>
</tr>
</tbody>
</table>

Advanced Placement

- AP English Language
- AP English Literature
- AP Seminar
- AP Research
- AP US History
- AP US Government
- AP Psychology
- AP European History
- AP Human Geography
- AP Macroeconomics
- AP Microeconomics
- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 1/Alg based
- AP Calculus AB
- AP Statistics
- AP Spanish
- AP Music Theory
- AP 2D Studio Art
- AP 3D Studio Art
- AP Computer Science Principles
- AP Computer Science

Instructional Focus

- 22 Advanced Placement Classes
- 13 Honors Courses
- World Languages in Spanish, Chinese, and French
- 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, Introduction To PC Applications, and Vex Robotics Team
- Access to Innovation Center courses which include Energy Systems and Technology and Geographic Information Systems (GIS)
- Mead High School is expanding its technology focus to include Cyber Security and Virtual Reality in 2019

Mead High School Alumni have graduated from:
- Colorado School of Mines
- Colorado State University
- University of Colorado - Boulder
- Montana State University
- Brown University
- University of Wyoming
- University of Denver
- University of Northern Colorado

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