



Montgomery High School

1016 Rt. 601 Skillman, New Jersey 08558
 (609) 466-7602 FAX (609) 466-7689
 www.mtsd.us CEEB 311359

A Blue Ribbon School of Excellence

2022 Profile

Montgomery High School is a premier learning institution, proud of its tradition of academic excellence as well as a sustained focus on social and emotional character development for all students. To support both of these objectives, Montgomery operates on an AB block schedule. Montgomery High School is located in Central New Jersey, four miles north of Princeton, and serves the suburban communities of Montgomery, Skillman, Belle Mead, Blawenburg, Rocky Hill and parts of Princeton. These communities reflect a continuous tradition of support for achievement in academic and cultural pursuits. Montgomery High School offers an extremely challenging scholastic environment and consistently produces some of the highest achieving learners in New Jersey. Eighty-Nine percent of the graduating class of 2022 are continuing their education at four-year colleges. The Program of Studies offers 21 Advanced Placement Courses, 33 Honors and accelerated courses as well as a wide array of challenging academic electives. In addition to a rich curriculum and tradition of academic excellence, MHS supports a broad program of co-curricular offerings.

Mean SAT Scores Class of 2022

| | Montgomery | New Jersey | National |
|------|------------|------------|----------|
| ERW | 647 | 543 | 529 |
| Math | 669 | 537 | 521 |

National Merit Program

| Class of 2021 | Class of 2022 |
|-----------------------|-----------------------|
| 20 Finalists | 29 Finalists |
| 0 Semifinalists | 3 Semifinalists |
| 50 Commended Students | 45 Commended Students |

Mean ACT Scores Class of 2022

| | English | Math | Reading | Science | Composite |
|------------|---------|------|---------|---------|-----------|
| Montgomery | 28.4 | 28.2 | 28.7 | 26.5 | 28.1 |
| New Jersey | 24.9 | 23.9 | 25.1 | 24.0 | 24.6 |
| National | 19.0 | 19.3 | 20.4 | 19.9 | 19.8 |

Seal of Biliteracy Recognition

Class of 2022 53 students

Enrollment Grades 9 thru 12: 1567

Class of 2022: 374

The Montgomery High School student population represents many ethnic and cultural groups. This diversity affords students exposure to intercultural relationships and a global perspective on domestic and world issues. Montgomery High School students are highly successful in balancing an extremely rigorous academic schedule with activities outside the classroom, including participation in over 39 co-curricular offerings. These include award winning curricular and co-curricular performing arts programs highlighted by highly acclaimed bands, orchestras and choral groups; academic clubs including Robotics, Mock Trial and Science Olympiad Teams; service organizations recognized for their community contributions as well as 30 varsity sports. Our students are frequently recognized for their academic, athletic, civic and performance accomplishments.

2021-22 COVID 19 Update: Montgomery High School went fully remote on March 16, 2020 through the end of the school year on June 19, 2020 and went to a hybrid model for 2020-21. Grading for all students remained consistent with number grades for all subjects on a 100 point scale. There were no final exams in 2020 or 2021. All students returned to in person learning for the 2021-2022 school year

MISSION STATEMENT

Montgomery High School is an academically challenging and supportive community that provides innovative educational, extra-curricular, and social opportunities that encourage responsible citizenship and life-long learning.

ADVANCED PLACEMENT RESULTS

May 2022

| Exam | % scoring: | | | # students taking exam |
|----------------------------|------------|-----|-----|------------------------|
| | 5 | 4 | 3 | |
| Art History | 60% | 20% | 20% | 30 |
| Biology | 41% | 36% | 16% | 141 |
| Calculus AB | 75% | 12% | 13% | 111 |
| Calculus BC | 71% | 13% | 11% | 72 |
| Chemistry | 39% | 32% | 18% | 62 |
| Computer Science A | 38% | 29% | 18% | 65 |
| English Lang & Composition | 50% | 29% | 16% | 101 |
| English Lit. & Composition | 70% | 30% | 0% | 33 |
| Environmental Science | 13% | 42% | 26% | 38 |
| French Language | 33% | 25% | 42% | 24 |
| German Language | 20% | 7% | 60% | 15 |
| Macroeconomics | 28% | 36% | 15% | 120 |
| Microeconomics | 31% | 31% | 18% | 120 |
| Physics C (Elec & Mag) | 55% | 21% | 8% | 38 |
| Physics C (Mechanics) | 61% | 26% | 8% | 38 |
| Spanish Language | 26% | 26% | 39% | 31 |
| Statistics | 43% | 30% | 15% | 114 |
| Studio Art: Design/2D | 33% | 67% | 0% | 3 |
| Studio Art: Drawing Port. | 25% | 50% | 25% | 8 |
| US Government & Politics | 31% | 10% | 31% | 29 |
| US History | 60% | 22% | 13% | 45 |

TOTAL TESTS

ADMINISTERED

1238



GRADING

Montgomery High School transitioned to a semester grading system beginning with the 2018-2019 school year. Montgomery High School teachers believe in teaching beyond the test and most subscribe to stringent grading procedures. Therefore, semester grades may not necessarily correlate with standardized test results.

G.P.A.

Both weighted and unweighted grade point averages are calculated. The cumulative GPA is weighted with five additional points added to each Honors level and Advanced Placement course final grade. Only the cumulative semester GPA incorporates these weightings. The final course grade posted on the transcript is the actual grade earned in the course.

RANKING

Montgomery High School does not engage in the automatic calculation and reporting of class rank for students. A pupil's class rank shall be calculated to determine valedictorian, salutatorian, and students graduating with honors. A pupil's class rank will only be released to a requesting institution (such as a service academy) or a scholarship provider.

A TRADITION OF ACHIEVEMENT

CURRICULUM

The Class of 2022 must successfully complete the New Jersey State graduation requirement of 120 credits. Students are required to complete 20 credits of English, 15 credits of Mathematics, 15 credits of Science, 15 credits of Social Studies, 5 credits of World Language, 20 credits of Health/Physical Education, 5 credits of Visual or Performing Arts, 5 credits of Practical Art /Career Exploration and 2.5 credits of Financial Literacy. All Montgomery High School students are required to schedule a minimum of 35 credits per year in grades 9 - 11 and a minimum of 30 credits in grade 12.

ENGLISH

AP

AP Language & Comp English 11
AP Literature & Comp English 12

HONORS

English Lit and Comp 9H
English Lit and Comp 10H
English 11 H
English 12 H

CP

English Lit & Comp 9
English Lit & Comp 10

English 11

English 12

GEN ED

Creative Writing I, II
Expository Writing Workshop

SCIENCE

AP

AP Physics C: Mech & Elec & Mag

AP Chemistry

AP Biology

AP Environmental Science

HONORS

Biology H
Biotechnology H
Chemistry H
iSTEMi Adv. Scientific Ind Invest H

Microelectronics H

Organic Chemistry H

IPELS H

CP

Physics
Chemistry
Biology
Anatomy & Physiology
Astronomy
Environmental Science
Weather & Meteorology

GEN ED

Integrated Physical Earth & Life Sciences
General Chemistry
General Biology

WORLD LANGUAGES

AP

AP French VI

AP German VI

AP Spanish VI

HONORS

French IV Honors
German IV Honors
Latin IV Honors
Spanish III & IV Honors

CP

French I - III
German I - III
Spanish I - V
Latin I - IV

CAREER EXPLORATION

AP

AP Computer Science A

CP

Architectural Design I, II
Basic Accounting
Business & Personal Law
Engineering Design &
Materials Fabrication I, II
Fashion & Clothing
Financial Literacy
Foundations of JAVA
Game Design & Application Develop.
Intro to Culinary Arts
Culinary Arts II
Intro to Entrepreneurship
Intro to Computer Languages
Engineering I, II
Journalism I, II
Journalism III - Portfolio
Life Skills
Media & Graphic Communications I, II
Portfolio Project-Architecture
Portfolio Project-CADD
Portfolio Project-Design & Fabrication
Portfolio Project -Engineering
Portfolio Project-Media & Graphics
Power, Energy & Transportation
Radio Broadcasting
Sports & Entertainment Marketing
The Art of Baking
TV Productions I, II, III
Webpage Design & Development

MATHEMATICS

AP

AP Calculus AB

AP Calculus BC

AP Calculus C

AP Statistics

HONORS

Geometry Honors
Algebra II Honors
Pre-Calculus Honors
Honors Math Methods in Engineering and the Sciences

CP

Algebra I
Geometry
Algebra II
Algebra III
Advanced Algebra/Trig
Pre-Calculus
Calculus
Statistics
Discrete Math

GEN ED

Algebraic Function & Analysis
Applied Algebraic Extensions
Math Connections

SOCIAL STUDIES

AP

AP Art History

AP Economics

AP U.S. History II - Part II

AP U.S. Government & Politics

HONORS

World Studies H
U.S. History I H
The US in a Modern World H

CP

World Studies
U.S. History I
U.S. History II

GEN ED

Sociology
Elements of Human Behavior
Crime & Punishment
American Hist. & Cult. Thru Film

VISUAL, PERFORMING & TECHNICAL ARTS

AP

AP Art Studio (s)

HONORS

Chamber Choir Honors
Chamber Orchestra Honors
Honors Portfolio
Wind Ensemble Honors

CP

Advanced Ceramics
Advanced Photography
Ceramics
Ceramics II
Chamber Choir
Chamber Orchestra
Chorale
Concert Orchestra
Concert Choir
Intro to Digital Art & Drawing
Intro to Drama I, II
Intro to Studio Art
Photography I, II
Public Speaking
Studio I, II
String Ensemble
Symphonic Band
Symphonic Winds
Wind Ensemble

HEALTH, SAFETY and PHYSICAL EDUCATION

Physical Education 9-12
Health 9, 11, 12
Drivers Education
Peer Leadership Program
Peer II

AP = Advanced Placement
CP = College Prep
GEN ED = General Education

MONTGOMERY HIGH SCHOOL

2022 COLLEGE MATRICULATION



| | | |
|--------------------------------------|---|---|
| Albright College | James Madison University | Stevens Institute of Technology |
| American University | Johns Hopkins University | Stockton University |
| Arcadia University | Kean University | Stony Brook University |
| Barnard College | La Salle University | SUNY College at Oswego |
| Bates College | Lafayette College | Swarthmore College |
| Binghamton University | Lehigh University | Syracuse University |
| Boston University | Les Roches International School of Hotel Management | Temple University |
| Brandeis University | Manhattan College | Texas A & M University |
| Bucknell University | Marist College | Texas Tech University |
| Calvin University | Massachusetts Institute of Technology | The Catholic University of America |
| Carnegie Mellon University | McDaniel College | The College of New Jersey |
| Case Western Reserve University | McGill University | The College of Wooster |
| Central Connecticut State University | Mercer County Community College | The University of Tennessee |
| Clarkson University | Michigan State University | The University of Texas |
| Clemson University | Middlesex Community College | The University of the Arts |
| Coastal Carolina University | Monmouth University | Thomas Jefferson University |
| Colby College | Montclair State University | Towson University |
| College of Charleston | Muhlenberg College | Tufts University |
| Colorado State University | New Jersey Institute of Technology | Tulane University |
| Connecticut College | New York Institute of Technology | United States Marine Corp |
| Cornell University | New York University | United States Military Academy |
| CUNY Bernard M Baruch College | Northeastern University | University at Albany |
| Denison University | Northwestern University | University of California |
| Drew University | Oberlin College | University of Colorado Boulder |
| Drexel University | Ocean County College | University of Delaware |
| Duke University | Ohio State University | University of Georgia |
| Elon University | Old Dominion University | University of Illinois |
| Emory University | Pennsylvania College of Technology | University of Maine |
| Fairfield University | Pennsylvania State University | University of Maryland |
| Fairleigh Dickinson University | Pitzer College | University of Massachusetts |
| Florida Atlantic University | Pratt Institute | University of Miami |
| Franklin and Marshall College | Princeton University | University of New Haven |
| Franklin Pierce University | Raritan Valley Community College | University of North Carolina |
| Full Sail University | Rensselaer Polytechnic Institute | University of Pennsylvania |
| George Washington University | Rhode Island School of Design | University of Pittsburgh |
| Georgetown University | Rider University | University of Scranton |
| Georgia Institute of Technology | Rochester Institute of Technology | University of South Carolina |
| Gettysburg College | Rowan University | University of Toronto |
| Hamilton College | Rutgers University | University of Vermont |
| Hartwick College | Saint Francis University | University of Wisconsin |
| Harvey Mudd College | Saint Joseph's University | Virginia Polytechnic Institute and State University |
| Haverford College | Savannah College of Art & Design | Wake Forest University |
| High Point University | School of the Museum of Fine Arts at Tufts University | Washington University |
| Hogeschool Utrecht | Seton Hall University | West Virginia University |
| Holy Cross College | Siena College | William & Mary |
| Indiana University | Smith College | Yale University |
| Iona University | Stanford University | York College of Pennsylvania |
| Ithaca College | State University of New York | |

SCHOOL ADMINISTRATION

Mary McLoughlin, Superintendent

Heather Pino-Beattie, Principal

Corie Gaylord, Director of Student Academic & Counseling Services

Kelly Apel, School Counselor

Carla Hampton, School Counselor

Maureen Conway, School Counselor

Matthew Pogue, School Counselor

John McVaddy, Vice Principal

Keith Glock, School Counselor

Jessica Ritson, School Counselor

Scott Pachuta, Vice Principal

Christine Grossmann,

Raheel Saleem, School Counselor

Raquel Rivera, Vice Principal

Student Assistant Counselor