



Montgomery High School

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www.mtsd.us

CEEB 311359

A Blue Ribbon School of Excellence

2024 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 2024 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 2024

	Montgomery	New Jersey	National
ERW	648	531	519
Math	669	519	505

National Merit Program

Class of 2023	Class of 2024
14 Finalists	10 Finalists
14 Semifinalists	12 Semifinalists
67 Commended Students	62 Commended Students

Mean ACT Scores Class of 2024

	English	Math	Reading	Science	Composite
Montgomery	28.4	28.5	28.3	27.6	28.4
New Jersey	24.1	23.5	24.7	23.5	24.1
National	18.6	19.0	20.1	19.6	19.4

Seal of Biliteracy Recognition

Class of 2024 113 students

Enrollment Grades 9 thru 12: 1636

Class of 2024: 383

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 60 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 33 varsity sports. Our students are frequently recognized for their academic, athletic, civic and performance accomplishments.

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 2024

Exam	% scoring:			# students taking exam
	5	4	3	
Art History	33%	35%	33%	40
Biology	52%	31%	13%	156
Calculus AB	87%	10%	2%	126
Calculus BC	91%	6%	2%	93
Chemistry	37%	44%	15%	98
Computer Science A	39%	29%	17%	94
English Lang & Composition	26%	55%	13%	47
English Lit. & Composition	74%	20%	6%	50
Environmental Science	9%	50%	13%	32
French Language	28%	41%	22%	32
German Language	29%	33%	29%	24
Macroeconomics	34%	31%	25%	140
Microeconomics	34%	36%	20%	140
Physics 1	17%	33%	33%	30
Physics C (Elec & Mag)	47%	19%	13%	77
Physics C (Mechanics)	38%	35%	17%	77
Spanish Language	19%	30%	44%	27
Statistics	49%	33%	12%	156
Studio Art: Design/2D	0%	33%	67%	6
Studio Art: Drawing Port.	50%	50%	0%	2
US Government & Politics	46%	30%	24%	37
US History	76%	21%	2%	42

TOTAL TESTS

ADMINISTERED 1526



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 2024 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 Biology
AP Chemistry
AP Environmental Science
AP Physics 1
AP Physics C: Mech & Elec & Mag

HONORS

Biology H
Biotechnology H
Chemistry H
iSTEMi Adv. Scientific Ind Invest H
Microelectronics H
Organic Chemistry H
IPELS H

CP

Integrated Physical Earth & Life Sciences
Chemistry
Biology
Anatomy & Physiology
Astronomy
Environmental Science
Forensic Science
Horticultural & Agr. Science
Nutrition & Food Service
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
Latin I - IV
Power of Language
Spanish I - V

CAREER EXPLORATION

AP

AP Computer Science A

CP

Architectural Design I, II
Business & Personal Law
Engineering Design &
Materials Fabrication I, II-A, II-B
Financial Literacy-On line
Foundations of JAVA
Game Design & Application Develop.
Intro to Culinary Arts
Culinary Arts II
Intro to Entrepreneurship
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
Power, Energy & Transportation
Radio Broadcasting
Sports & Entertainment Marketing
Theater Des. Tech & Stage Mgmt
The Art of Baking
Tomorrow's Teachers Part 1 & Part 2
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
Math Methods in Engineering and the Sciences H

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. Government & Politics
AP U.S. History II - Part II

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

American Hist. & Cult. Thru Film
Crime & Punishment
Elements of Human Behavior
Power Inequity & The Human Experi.
Sociology

VISUAL, PERFORMING & TECHNICAL ARTS

AP

AP Art Studio

HONORS

Chamber Choir Honors
Chamber Orchestra Honors
Honors Portfolio
Wind Ensemble Honors

CP

Advanced Ceramics
Ceramics
Ceramics II
Chamber Choir
Chamber Orchestra
Chorale
Concert Orchestra
Concert Choir
Guitar
Intro to Digital Art & Drawing
Intro to Studio Art
Photography I, II
Photography III, Part A & Part B
Studio I, II
Symphonic Band
Symphonic Winds
The Actor's Studio
Children's Play Production
Improv Troupe
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

2024 COLLEGE MATRICULATION



American University	Kean University	Syracuse University	University of Utah
Amherst College	Lafayette College	Temple University	University of Wisconsin
Amsterdam University College	Lake Forest College	Texas A & M University	Villanova University
Auburn University	Landmark College	The College of New Jersey	Virginia Tech
Bard College	Lasell University	The George Washington University	Virginia Wesleyan University
Barnard College	Lehigh University	The New School	West Chester University
Bates College	Lipscomb University	Thomas Jefferson University	West Virginia University
Binghamton University	Loyola University Maryland	Trinity College	Wheaton College
Boston University	Manhattan College	Tufts University	William & Mary
Brown University	Mercer County Community College	Tulane University of Louisiana	
Bryn Mawr College	Miami University	United States Military Academy	
Centenary University	Montclair State University	United States Naval Academy	
Clarkson University	Morehouse College	Universal Technical Institute	
Clemson University	New Jersey Institute of Technology	University at Buffalo	
Cornell University	New York University	University of California	
Dartmouth College	Northeastern University	University of Cincinnati	
DeSales University	Ohio State University	University of Colorado Boulder	
Drew University	Pennsylvania State University	University of Connecticut	
Drexel University	Pratt Institute	University of Delaware	
East Carolina University	Purdue University	University of Florida	
Embry-Riddle Aeronautical University	Raritan Valley Community College	University of Hawaii at Manoa	
Emory University	Rensselaer Polytechnic Institute	University of Illinois at Urbana	
Fairfield University	Rider University	University of Maryland	
Fairleigh Dickinson University	Rochester Institute of Technology	University of Massachusetts	
Florida State University	Rowan University	University of Miami	
Fordham University	Rutgers University	University of Michigan	
Franklin and Marshall College	Saint Joseph's University	University of Minnesota	
Georgetown University	San Diego State University	University of Mississippi	
Georgia Institute of Technology	Savannah College of Art and Design	University of North Carolina at Chapel Hill	
Hartwick College	Seton Hall University	University of Pennsylvania	
High Point University	Stevens Institute of Technology	University of Pittsburgh	
Hofstra University	Stockton University	University of Rhode Island	
Indiana University	Stony Brook University	University of Richmond	
Johns Hopkins University	Swarthmore College	University of South Florida	

SCHOOL ADMINISTRATION

Mary McLoughlin, Superintendent

Heather Pino-Beattie, Principal

Cory Delgado, Director of School Counseling & Student Wellness

Vincent Cuccaro, Vice Principal

John McVaddy, Vice Principal

John Vitale, Vice Principal

Kelly Apel, School Counselor

Maureen Conway, School Counselor

Keith Glock, School Counselor

Christine Grossmann,

Student Assistant Counselor

Carla Hampton, School Counselor

Matthew Pogue, School Counselor

Jessica Ritson, School Counselor

Raheel Saleem, School Counselor