



# Montgomery High School

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## A Blue Ribbon School of Excellence

### 2021 Profile

**M**ontgomery 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-Four percent of the graduating class of 2021 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 2021

	Montgomery	New Jersey	National
ERW	640	562	533
Math	660	563	528

#### National Merit Program

Class of 2020	Class of 2021
21 Finalists	20 Finalists
0 Semifinalists	0 Semifinalists
47 Commended Students	50 Commended Students

#### Mean ACT Scores Class of 2021

	English	Math	Reading	Science	Composite
Montgomery	29.7	29.3	29.5	27.9	29.3
New Jersey	25.3	24.7	25.7	24.4	25.1
National	19.6	19.9	20.9	20.4	20.3

#### Seal of Biliteracy Recognition

Class of 2021 51 students

#### Enrollment Grades 9 thru 12: 1557

Class of 2021: 418

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.

**2020-21 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.

# 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 2021

Exam	% scoring:			# students taking exam
	5	4	3	
Art History	19%	41%	26%	27
Biology	27%	22%	41%	115
Calculus AB	64%	13%	17%	89
Calculus BC	84%	10%	4%	49
Chemistry	47%	27%	16%	73
Computer Science A	51%	26%	11%	57
English Lang & Composition	49%	36%	13%	75
English Lit. & Composition	43%	26%	30%	23
Environmental Science	24%	41%	19%	37
French Language	27%	27%	33%	15
German Language	25%	-	50%	4
Macroeconomics	43%	27%	18%	90
Microeconomics	38%	36%	14%	95
Physics C (Elec & Mag)	66%	16%	13%	32
Physics C (Mechanics)	67%	21%	9%	33
Spanish Language	14%	68%	14%	22
Statistics	47%	29%	18%	97
Studio Art: Design/2D	-	50%	50%	4
Studio Art: Drawing Port.	29%	43%	29%	7
US Government & Politics	41%	11%	15%	27
US History	59%	22%	16%	51

**TOTAL TESTS**

**ADMINISTERED**

**1022**



### 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  
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  
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

#### HONORS

Chamber Choir Honors  
Chamber Orchestra Honors  
Honors Portfolio  
Wind Ensemble Honors

#### CP

Advanced Ceramics  
Advanced Photography  
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

## 2021 COLLEGE MATRICULATION



Agnes Scott College	Kean University	The New School
American University	Lafayette College	The University of Tampa
Arcadia University	Lehigh University	The University of Tennessee
Arizona State University	Loyola University Maryland	The University of Texas at Austin
Baylor University	Lycoming College	The University of Texas at Dallas
Berklee College of Music	Manhattan College	Tufts University
Binghamton University	Mercer County Community College	Tulane University of Louisiana
Boston University	Mitchell College	United States Military Academy
Carnegie Mellon University	Monmouth University	University at Buffalo
Case Western Reserve University	Montclair State University	University of California
Catholic University of America	Mount Holyoke College	University of Chicago
Clarkson University	Muhlenberg College	University of Colorado Boulder
Clemson University	Nagoya University	University of Connecticut
Colby College	New Jersey Institute of Technology	University of Delaware
College of Charleston	New York University	University of Denver
College of William and Mary	North Carolina State University	University of Illinois at Urbana
Columbia University	Northeastern University	University of Manchester
Cornell University	Ohio State University	University of Maryland-Baltimore County
Culinary Institute of America	Pennsylvania State University	University of Maryland
Denison University	Pratt Institute	University of Miami
DePaul University	Princeton University	University of Michigan
DeSales University	Purdue University	University of Minnesota
Drew University	Quinnipiac University	University of North Carolina
Duke University	Raritan Valley Community College	University of Pennsylvania
Duquesne University	Rhode Island School of Design	University of Pittsburgh
Elizabethtown College	Rice University	University of Rochester
Elon University	Rochester Institute of Technology	University of Scranton
Embry-Riddle Aeronautical University	Rowan University	University of South Carolina
Emory University	Rutgers University	University of Washington
Emory University-Oxford College	Sacred Heart University	University of Wisconsin
Fairfield University	Saint Joseph's University	Ursinus College
Fairleigh Dickinson University	San Diego State University	Villanova University
Florida State University	San Francisco Conservatory of Music	Virginia Polytechnic Institute and State University
Fordham University	School of Visual Arts	Vrije Universiteit Amsterdam
Furman University	Seton Hall University	Wake Forest University
George Washington University	St. John's College	Washington University in St Louis
Georgetown University	St. John's University	West Chester University
Georgia State University	Stockton University	West Virginia University
Gettysburg College	Stony Brook University	Worcester Polytechnic Institute
Hawaii Pacific University	Susquehanna University	Yale University
Hofstra University	Syracuse University	
Howard University	Tallahassee Community College	
Indiana University-Bloomington	Temple University	
Ithaca College	Texas Christian University	
James Madison University	The College of New Jersey	
Jefferson University	The Hague University of Applied Sciences	

### SCHOOL ADMINISTRATION

Mary McLoughlin, Superintendent

Paul J. Popadiuk, 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

Naoma Green, Vice Principal

Keith Glock, School Counselor

Jessica Ritson, School Counselor

Scott Pachuta, Vice Principal

Christine Grossmann,

Raheel Saleem, School Counselor

Heather Pino-Beattie, Vice Principal

Student Assistant Counselor