



# Montgomery High School

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## 2018 Profile

## A Blue Ribbon School of Excellence

**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. Ninety-two percent of the graduating class of 2018 are continuing their education at four-year colleges. The Program of Studies offers 21 Advanced Placement Courses, 30 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 2018

	Montgomery	New Jersey	National
ERW *	641	547	536
Math	669	547	531

\* Evidence-Based Reading and Writing

### Mean ACT Scores Class of 2018

	English	Math	Reading	Science	Composite
Montgomery	28.8	28.8	28.6	27.9	28.7
New Jersey	23.8	23.6	24.0	23.0	23.7
National	20.2	20.5	21.3	20.7	20.8

### National Merit Program

Class of 2017	Class of 2018
17 Finalists	12 Finalists
1 Semifinalist	0 Semifinalists
41 Commended Students	62 Commended Students

### Seal of Biliteracy Recognition

Class of 2018  
 49 students

**STUDENT BODY Enrollment Grades 9 thru 12: 1614**  
**Class of 2018: 405**

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 36 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 2018

Exam	% scoring:			# students taking exam
	5	4	3	
Art History	38%	43%	12%	42
Biology	27%	43%	21%	107
Calculus AB	63%	15%	18%	113
Calculus BC	64%	23%	13%	80
Chemistry	56%	30%	13%	64
Chinese Lang & Culture *	93%	7%	-	14
Computer Science A	35%	24%	16%	49
English Lang & Composition	73%	19%	8%	52
English Lit. & Composition	41%	34%	20%	44
Environmental Science	25%	42%	15%	48
French Language	32%	2%	44%	25
German Language	13%	25%	56%	16
Human Geography *	50%	-	50%	2
Japanese Lang & Culture *	50%	50%	31%	2
Macroeconomics	55%	29%	6%	131
Microeconomics	46%	37%	9%	131
Physics 1 *	-	100%	-	1
Physics C (Elec & Mag)	45%	19%	14%	42
Physics C (Mechanics)	63%	17%	5%	54
Psychology *	31%	27%	15%	59
Spanish Language	31%	47%	22%	32
Statistics	39%	33%	21%	85
Studio Art: Design/2D	16%	25%	16%	6
Studio Art: Drawing Port.	33%	33%	33%	3
US Government & Politics	20%	37%	27%	30
US History	80%	10%	10%	41

**TOTAL TESTS**

**ADMINISTERED**

**1273**

\* Course not offered at Montgomery H.S.

### Grading

Montgomery High School has transitioned to a semester grading system for 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.

### GPA CONVERSION CHART

4.0	95-100	A	2.7	82	B
3.9	94	A	2.6	81	B
3.8	93	A	2.5	80	B
3.7	92	A	2.4	79	C
3.6	91	A	2.3	78	C
3.5	90	A	2.2	77	C
3.4	89	B	2.1	76	C
3.3	88	B	2.0	75	C
3.2	87	B	1.9	74	C
3.1	86	B	1.8	73	C
3.0	85	B	1.7	72	C
2.9	84	B	1.6	71	C
2.8	83	B	1.5	70	C

# A TRADITION OF ACHIEVEMENT

## CURRICULUM

The Class of 2019 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.

### WORLD LANGUAGES

#### AP

French VI AP  
German VI AP  
Spanish VI AP

#### HONORS

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

#### CP

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

### SCIENCE

#### AP

Physics AP-C Mechanics and  
Electricity & Magnetism  
Chemistry AP  
Biology AP  
Environmental Science AP

#### HONORS

Physics Honors  
Chemistry Honors  
Biology Honors

iSTEM Adv. Scientific Investigations H

#### CP

Physics  
Chemistry  
Biology  
Environmental Science

#### GEN ED

General Physics  
General Chemistry  
General Biology

### SOCIAL STUDIES

#### AP

U.S. History I-AP Part I  
U.S. History II-AP Part II  
AP US Government & Politics  
AP Art History  
AP Economics

#### HONORS

World Studies 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

### CAREER

#### EXPLORATION

#### AP

Computer Science AP-A

#### CP

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

### 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  
Creative Expressions  
Blues to Beatles  
Ceramics I, II  
Chamber Choir  
Chamber Orchestra  
Concert Orchestra  
Concert Choir  
Digital 2D Design  
Intro to Drama I  
Photography I, II  
Public Speaking  
Studio I, II  
Symphonic Band  
Symphonic Winds  
Wind Ensemble

### ENGLISH

#### AP

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

#### 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

Expository Writing Workshop  
Creative Writing

\* *Themed -based semester courses*

### MATHEMATICS

#### AP

Calculus AP-AB  
Calculus AP-BC  
Calculus AP-C  
Statistics AP

#### HONORS

Geometry Honors  
Algebra II Honors  
Precalculus Honors

Honors Math Methods in Engineering and the Sciences

#### CP

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

#### GEN ED

Math Connections

### HEALTH, SAFETY and PHYSICAL EDUCATION

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

*AP = Advanced Placement*

*CP = College Prep*

*GEN ED = General Education*

# MONTGOMERY HIGH SCHOOL

## 2018 COLLEGE MATRICULATION



American University	IE University	Texas A&M University
Appalachian State University	Indiana University at Bloomington	The College of New Jersey
Arizona State University	Ithaca College	The New School
Auburn University	James Madison University	The Ohio State University
Babson College	Jefferson University	The University of Alabama
Bentley University	Johns Hopkins University	The University of Arizona
Boston College	Kutztown University of Pennsylvania	The University of Iowa
Boston Conservatory at Berklee	Lesley University	The University of Oklahoma
Boston University	Loyola University Maryland	The University of Texas
Brown University	Marist College	Towson University
Bryn Mawr College	Massachusetts Institute of Technology	United States Coast Guard Academy
Bucknell University	McMaster University	United States Military Academy
Bucks County Community College	Mercer County Community College	University at Buffalo
Cabrini University	Miami University	University of British Columbia
California Institute of Technology	Michigan State University	University of California
Carnegie Mellon University	Monmouth University	University of Chicago
Case Western Reserve University	Montclair State University	University of Cincinnati
Claremont McKenna College	Moravian College	University of Colorado at Boulder
Colby College	Mount Holyoke College	University of Connecticut
College of Charleston	Mount St. Mary's University	University of Copenhagen
College of Saint Elizabeth	Muhlenberg College	University of Delaware
College of William and Mary	New Jersey Institute of Technology	University of Illinois at Urbana
Colorado College	New York University	University of Kentucky
Columbia University	Northeastern University	University of Maryland
Cornell University	Northwestern University	University of Massachusetts
Dartmouth College	Oberlin College of Arts and Sciences	University of Miami
Dickinson College	Ohio University	University of Michigan
Drexel University	Pace University	University of New England
Duke University	Pennsylvania State University	University of Pennsylvania
Duquesne University	Princeton University	University of Pittsburgh
Elon University	Purdue University	University of Pittsburgh at Bradford
Embry-Riddle Aeronautical University	Quinnipiac University	University of Richmond
Emory University	Raritan Valley Community College	University of Rochester
Employment	Rensselaer Polytechnic Institute	University of South Carolina
ESSCA PARIS	Rhode Island School of Design	University of Southern California
Fairfield University	Rochester Institute of Technology	University of Toronto
Fashion Institute of Technology	Rowan University	University of Vermont
Florida Southern College	Rutgers University	University of Wisconsin
Full Sail University	Saint Joseph's University	Villanova University
Georgetown University	Seton Hall University	Virginia State University
Georgia Institute of Technology	St. John's University	Washington University in St. Louis
Gettysburg College	Stevens Institute of Technology	Wellesley College
Green Mountain College	Stockton University	William Paterson University
Hamilton College	SUNY College	Worcester Polytechnic Institute
High Point University	Syracuse University	Yale University
Hofstra University	Temple University	

### SCHOOL ADMINISTRATION

Nancy Gartenberg, 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