Montgomery High School

2017 Profile

A Blue Ribbon School of Excellence

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. Ninety-one percent of the graduating class of 2017 are continuing their education at four-year colleges. The Program of Studies offers 21 Advanced Placement Courses, 28 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 2017

	Montgomery	New Jersey	National
ERW *	653	530	533
Math	667	526	527
* Evidence-Based Reading and Writing			

Mean ACT Scores Class of 2017

	English	Math	Reading	Science	Composite
Montgomery	28.2	28.5	28.2	26.8	28.1
New Jersey	23.8	23.8	24.1	23.2	23.9
National	20.3	20.7	21.4	21.0	21.0

National Merit Program

Class of 2016	Class of 2017
21 Finalists	17 Finalists
1 Semifinalist	1 Semifinalists
66 Commended Students	41 Commended Students

Mean SAT II Scores Class of 2017

	Montgomery	New Jersey	National
Literature	681	621	613
US History	725	675	648
Mathematics 1	661	628	607
Mathematics 2	735	710	694
Biology E	676	643	619
Biology M	702	677	651
Chemistry	738	685	666
Physics	736	682	666
Spanish	548	622	649

STUDENT BODY
Enrollment Grades 9 thru 12:   1647
Class of 2017:   413

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 58 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.

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 2017

Exam	% scoring :			# students taking exam
	5	**4**	**3**	
Art History	27%	43%	20%	60
Biology	19%	37%	36%	121
Calculus AB	63%	21%	10%	96
Calculus BC	81%	14%	5%	57
Chemistry	32%	43%	15%	75
Chinese Lang & Culture *	78%	9%	9%	23
Computer Science A	35%	38%	23%	48
English Lang & Composition	63%	34%	2%	64
English Lit. & Composition	50%	32%	15%	34
Environmental Science	24%	44%	16%	62
French Language	11%	45%	33%	18
German Language	28%	50%	22%	18
Human Geography *	31%	15%	31%	13
Macroeconomics	46%	29%	17%	128
Microeconomics	53%	29%	12%	130
Music Theory *	33%	33%	33%	3
Physics 1	25%	-	75%	4
Physics C (Elec & Mag)	29%	26%	18%	38
Physics C (Mechanics)	45%	41%	10%	49
Psychology *	33%	27%	24%	49
Spanish Language	32%	32%	36%	38
Statistics	49%	30%	16%	96
Studio Art: Design/2D	25%	75%	-	4
Studio Art: Drawing Port.	100%	-	-	1
US Government & Politics	21%	28%	24%	29
US History	64%	35%	-	80
TOTAL TESTS ADMINISTERED				**1337**

* Course not offered at

Grading

Montgomery High School teachers believe in teaching beyond the test and most subscribe to stringent grading procedures. Therefore, marking period 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.

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 2018 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

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

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

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

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

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

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

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

HEALTH, SAFETY and PHYSICAL EDUCATION

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

MONTGOMERY HIGH SCHOOL
2017 COLLEGE MATRICULATION

Amherst College
Arcadia University
Arizona State University
Art Center College of Design
Auburn University
Boston College
Carnegie Mellon University
Case Western Reserve University
Centenary University
Centre College
Chapman University
Coastal Carolina University
Colgate University
College for Creative Studies
College of Mount Saint Vincent
College of the Holy Cross
College of William and Mary
Columbia University
Cornell University
Dean College
Denison University
Dickinson College
Drexel University
Duke University
Duquesne University
Embry-Riddle Aeronautical University
Exeter College
Fairleigh Dickinson University
Florida State University
Fordham University
Georgetown University
Georgia Institute of Technology
Gettysburg College
Hamilton College
Haverford College
High Point University
Indiana University at Bloomington
Ithaca College
James Madison University
John Jay College of Criminal Justice of the CUNY
Johns Hopkins University
Johnson & Wales University
Kenyon College
Lafayette College
Lehigh University
Loyola University Maryland
Marist College
Marymount Manhattan College
McGill University
Mercer County Community College
Miami University, Oxford

Middlebury College
Monmouth University
Mount Holyoke College
New Jersey Institute of Technology
New York University
Northeastern University
Northwestern University
Nova Southeastern University
Nyack College
Oberlin College of Arts and Sciences
Ohio University
Otterbein University
Pennsylvania State University
Pillar College
Pratt Institute
Princeton University
Providence College
Queen's University
Quinnipiac University
Ramapo College of New Jersey
Raritan Valley Community College
Rensselaer Polytechnic Institute
Rhode Island College
Rider University
Rochester Institute of Technology
Rowan University
Rutgers University
Sacred Heart University
Saint Joseph's University
Seton Hall University
St. Bonaventure University
Stevens Institute of Technology
Stockton University
Stony Brook University
SUNY College at Potsdam
Syracuse University
Temple University
Texas Christian University
The College of New Jersey
The George Washington University
The New School-All Divisions
The Ohio State University
The University of Alabama
The University of Arizona
The University of Edinburgh
The University of North Carolina at Chapel Hill
The University of Northwestern Ohio
The University of Tampa
The University of the Arts
Towson University
Union County College

United States Naval Academy
University of California, Berkeley
University of California, Los Angeles
University of California, San Diego
University of California, Santa Barbara
University of Chicago
University of Cincinnati
University of Colorado at Boulder
University of Connecticut
University of Delaware
University of Hartford
University of Illinois at Urbana-Champaign
University of Maryland, College Park
University of Massachusetts, Amherst
University of Miami
University of Michigan
University of Minnesota, Twin Cities
University of New Haven
University of North Carolina at Charlotte
University of North Carolina at Wilmington
University of Pennsylvania
University of Pittsburgh
University of Prince Edward Island
University of Rhode Island
University of Richmond
University of South Carolina
University of Southern California
University of the Sciences in Philadelphia
University of Vermont
University of Washington
University of Wisconsin, Madison
Ursinus College
Utah State University
Vanderbilt University
Villanova University
Virginia Tech
Wagner College
Wake Forest University
Washington State University
Washington University in St. Louis
Wellesley College
Wentworth Institute of Technology
West Chester University of Pennsylvania
West Virginia University
Western Connecticut State University
Wilkes University
William Paterson University of New Jersey
York College of Pennsylvania

SCHOOL ADMINSTRATION

Nancy Gartenberg, Superintendent   Paul J. Popadiuk, Principal

Corie Gaylord, Director of Student Academic & Counseling Services

Naoma Green, Vice Principal

Scott Pachuta, Vice Principal

Heather Pino-Beattie, 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