



Montgomery High School

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CEEB 311359

2016 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-three percent of the graduating class of 2016 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 2016

	Verbal	Math	Writing
Montgomery	610	647	625
New Jersey	495	514	492
National	494	508	482

Mean ACT Scores Class of 2016

	English	Math	Reading	Science	Composite
Montgomery	26.4	27.4	26.6	25.8	26.7
New Jersey	22.7	23.3	23.5	22.5	23.1
National	20.1	20.6	21.3	20.8	20.8

National Merit Program

Class of 2015

22 Finalists

2 Semifinalist

58 Commended Students

Class of 2016

21 Finalists

1 Semifinalists

66 Commended Students

Mean SAT II Scores Class of 2016

	Montgomery	New Jersey	National
Literature	665	614	599
US History	711	650	624
Mathematics 1	672	625	599
Mathematics 2	750	703	690
Biology E	663	643	616
Biology M	685	670	647
Chemistry	715	677	668
Physics	744	669	667
Spanish	604	626	653

STUDENT BODY

Enrollment Grades 9 thru 12: 1627

Class of 2016: 441

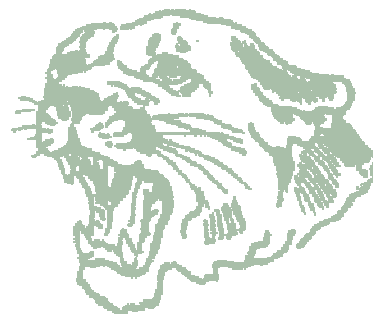
The Montgomery High School student population represents many ethnic and cultural groups. This diversity affords students exposure to intercultural relationships and a global perspective on domestic and world issues. Montgomery High School students are highly successful in balancing an extremely rigorous academic schedule with activities outside the classroom, including participation in over 53 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 2016



Exam	% scoring :			# students taking exam
	5	4	3	
Art History	27%	44%	24%	59
Biology	18%	45%	33%	100
Calculus AB	45%	23%	22%	93
Calculus BC	87%	4%	6%	67
Chemistry	34%	33%	25%	92
Chinese Lang & Culture *	42%	17%	17%	6
Computer Science A	42%	21%	21%	52
English Lang & Composition	75%	21%	4%	52
English Lit. & Composition	42%	36%	14%	50
Environmental Science	29%	44%	15%	87
French Language	11%	41%	48%	27
German Language	17%	33%	33%	6
Human Geography *	29%	59%	6%	17
Macroeconomics	45%	38%	11%	119
Microeconomics	34%	49%	12%	120
Music Theory *	33%	33%	-	3
Physics C (Elec & Mag)	36%	27%	9%	44
Physics C (Mechanics)	60%	21%	9%	47
Psychology *	35%	41%	10%	49
Spanish Language	38%	52%	7%	42
Statistics	53%	38%	8%	91
Studio Art: Design/2D	-	100%	-	2
Studio Art: Drawing Port.	100%	-	-	1
US Government & Politics	43%	32%	11%	28
US History	74%	26%	-	58

TOTAL TESTS

ADMINISTERED

1313

* Course not offered at
Montgomery H.S.

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 2017 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 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

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
Intro to Engineering
Journalism I, II
Life Skills
Media & Graphic Communications I, II
Portfolio Project-Architecture
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 Photography
Creative Expressions
Blues to Beatles
Ceramics I, II
Chamber Choir
Chamber Orchestra
Concert Orchestra
Concert Choir
Digital 2D Design
Intro to Drama I & II
MHS Chorale
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

AP = Advanced Placement

CP = College Prep

GEN ED = General Education

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

MONTGOMERY HIGH SCHOOL

2016 COLLEGE MATRICULATION



Aachen University of Applied Sciences	Marist College	The Ohio State University
American University	Maryland Institute College of Art	The University of Alabama
Amherst College	Mercer County Community College	The University of North Carolina
Arizona State University	Miami University, Oxford	The University of Texas
Babson College	Michigan State University	The University of the Arts
Bentley University	Middlesex County College	Towson University
Boston College	Misericordia University	Trinity College Dublin
Boston University	Mitchell College	Tufts University
Brandeis University	Monmouth University	Tulane University
Brigham Young University	Montana State University	United States Air Force Academy
Bucknell University	Montclair State University	United States Marine Corps
Bucks County Community College	New Jersey Institute of Technology	United States Military Academy - Army
Carnegie Mellon University	New York University	United States Naval Academy
Case Western Reserve University	Northeastern University	University at Buffalo
Coastal Carolina University	Northwestern University	University of California
Colgate University	Pace University, New York City	University of Canterbury
College of Charleston	Pennsylvania State University	University of Central Florida
College of William and Mary	Pratt Institute	University of Chester
Colorado State University	Princeton University	University of Chicago
Cornell University	Purdue University	University of Connecticut
Dartmouth College	Queen's University	University of Delaware
Denison University	Quinnipiac University	University of Essex
Dickinson College	Ramapo College of New Jersey	University of Florida
Drexel University	Raritan Valley Community College	University of Illinois at Urbana
Duke University	Rensselaer Polytechnic Institute	University of Maine
East Carolina University	Rhode Island School of Design	University of Maryland
East Stroudsburg University of Pennsylvania	Rice University	University of Massachusetts
Edinboro University of Pennsylvania	Richmond, American Int'l Univ. No. Am Campus	University of Miami
Elon University	Rider University	University of Michigan
Embry-Riddle Aeronautical University	Rochester Institute of Technology	University of Pennsylvania
Emory University	Roger Williams University	University of Pittsburgh
Fairfield University	Rowan University	University of South Carolina
Fairleigh Dickinson University	Rutgers University	University of Tennessee
Fashion Institute of Technology	Saint Joseph's University	University of the Sciences in Philadelphia
Fordham University	San Diego State University	University of Toronto
Full Sail University	Savannah College of Art and Design	University of Vermont
George Mason University	Seton Hall University	University of Victoria
Georgetown University	Skidmore College	University of Washington
Georgia Southern University	Smith College	Utah Valley University
Georgian Court University	St. John's University	Vanderbilt University
Gettysburg College	State University of New York at Albany	Villanova University
Harvard University	Stevens Institute of Technology	Virginia Tech
Howard University	Stockton University	Wagner College
Immaculata University	Suffolk University	Wake Forest University
Indiana University at Bloomington	Swarthmore College	Washington State University
Ithaca College	Syracuse University	Washington University in St. Louis
Johns Hopkins University	Texas A&M University	Wellesley College
Kean University	Texas Tech University	West Chester University
Lehigh University	The College of New Jersey	West Virginia University
Loyola University Maryland	The George Washington University	William Paterson University
Manhattan College	The New School - All Divisions	

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