



Montgomery High School

1016 Rt. 601 Skillman, New Jersey 08558

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www.mtsd.us

CEEB 311359

2015 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 2015 are continuing their education at four-year colleges. The Program of Studies offers 20 Advanced Placement Courses, 21 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 2015

	Verbal	Math	Writing
Montgomery	601	632	607
New Jersey	500	521	499
National	495	511	484

Mean ACT Scores Class of 2015

	English	Math	Reading	Science	Composite
Montgomery	26.7	27.5	26.9	26.5	27.0
New Jersey	22.9	23.7	23.3	22.6	23.2
National	20.4	20.8	21.4	20.9	21.0

National Merit Program

Class of 2014	Class of 2015
16 Finalists	22 Finalists
1 Semifinalist	2 Semifinalists
50 Commended Students	58 Commended Students

Mean SAT II Scores Class of 2015

	Montgomery	New Jersey	National
Literature	654	630	618
US History	716	661	645
Mathematics 1	684	637	619
Mathematics 2	733	703	690
Biology E	620	647	625
Biology M	700	674	652
Chemistry	729	674	666
Physics	754	668	667
Spanish	570	621	651

STUDENT BODY

Enrollment Grades 9 thru 12: 1703

Class of 2015: 442

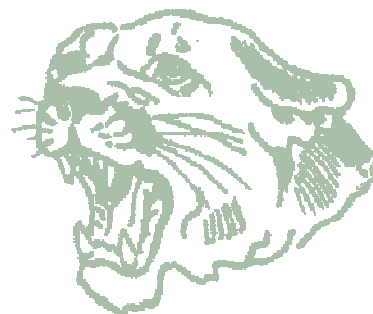
The Montgomery High School student population represents many ethnic and cultural groups. This diversity affords students exposure to intercultural relationships and a global perspective on domestic and world issues. Montgomery High School students are highly successful in balancing an extremely rigorous academic schedule with activities outside the classroom, including participation in over 55 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 31 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 2015



Exam	% scoring :			# students taking exam
	5	4	3	
Art History	33%	30%	25%	60
Biology	31%	40%	25%	117
Calculus AB	57%	26%	13%	94
Calculus BC	98%	2%	-	55
Chemistry	18%	32%	39%	94
Chinese Lang & Culture *	64%	9%	18%	11
Computer Science A	46%	19%	19%	37
English Lang & Composition	68%	24%	8%	37
English Lit. & Composition	54%	40%	6%	35
Environmental Science	21%	46%	21%	70
French Language	38%	8%	46%	13
German Language	18%	45%	36%	11
Human Geography *	27%	45%	27%	11
Macroeconomics	50%	22%	16%	121
Microeconomics	47%	35%	8%	118
Music Theory *	100%	-	-	1
Physics C (Elec & Mag)	40%	30%	5%	20
Physics C (Mechanics)	47%	33%	20%	30
Psychology *	26%	41%	15%	27
Spanish Language	43%	43%	4%	23
Statistics	49%	32%	14%	90
Studio Art: Design/2D	-	100%	-	1
US Government & Politics	33%	21%	33%	24
US History	72%	20%	8%	71
World History *	-	-	100%	2

TOTAL TESTS

ADMINISTERED

1173

* 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 2016 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 II, IV Honors
Spanish V Honors

CP

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

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

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

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 English Lit & Comp

HONORS

English Lit and Comp 9H
English Lit and Comp 10H
English Comp & American Lit 11H
Senior Seminar/Contemporary Lit H

CP

English Lit & Comp 9
English Lit & Comp 10
English Comp & American Lit 11
Senior Seminar/Selected Shorts
Senior Seminar/Contemporary Lit

GEN ED

Expository Writing Workshop
Creative Writing

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

2015 COLLEGE MATRICULATION



Allegheny College
 American International College
 American University
 Arcadia University
 Bates College
 Bethany College
 Boston College
 Boston University
 Bryn Mawr College
 Bucknell University
 Caldwell University
 California Polytechnic State University
 Campbell University
 Carnegie Mellon University
 Case Western Reserve University
 Chapman University
 Clemson University
 College of Charleston
 College of William and Mary
 Columbia University
 Cornell University
 Delaware Valley College
 DePaul University
 Dickinson College
 Dixie College
 Drexel University
 Duke University
 East Carolina University
 Eckerd College
 Elon University
 Emerson College
 Emory University
 Fairfield University
 Fairleigh Dickinson University
 Florida Southern College
 Franklin and Marshall College
 Furman University
 Georgetown University
 Georgia Institute of Technology
 Gettysburg College
 Harvard University
 Haverford College
 High Point University
 Hofstra University
 Indiana University at Bloomington
 Indiana University of Pennsylvania
 Iona College
 Ithaca College
 James Madison University
 Johns Hopkins University
 Lafayette College
 Lehigh University
 Loyola University Maryland
 Manhattan College
 Marist College
 Marywood University
 McDaniel College
 Mercer County Community College
 Merrimack College
 Miami University, Oxford
 Michigan State University
 Middlesex County College
 Monmouth University
 Montclair State University
 New Jersey Institute of Technology
 New York University
 Northeastern University
 Oberlin College
 Pace University
 Pennsylvania State University
 Pratt Institute
 Princeton University
 Providence College
 Purchase College, State University of New York
 Purdue University
 Ramapo College of New Jersey
 Raritan Valley Community College
 Rhode Island School of Design
 Rider University
 Rochester Institute of Technology
 Roger Williams University
 Rowan University
 Rutgers University
 Saint Johns River Community College
 Saint Joseph's University
 Saint Peter's University
 San Diego State University
 Sarah Lawrence College
 Savannah College of Art & Design
 Seton Hall University
 Skidmore College
 Stevens Institute of Technology
 Stockton University
 Susquehanna University
 Swarthmore College
 Syracuse University
 Temple University
 The Catholic University of America
 The College of New Jersey
 The George Washington University
 The Ohio State University
 The United States Marine Corps
 The University of Alabama
 The University of Arizona
 The University of Georgia
 The University of North Carolina at Chapel Hill
 The University of Tampa
 The University of Texas, Austin
 The University of the Arts
 Towson University
 Trinity College
 Tulane University
 United Technical Institute
 University of California
 University of California, Berkeley
 University of California, San Diego
 University of Chicago
 University of Connecticut
 University of Delaware
 University of Florida
 University of Hartford
 University of Illinois at Urbana-Champaign
 University of Maine
 University of Maryland
 University of Maryland, Baltimore County
 University of Massachusetts
 University of Michigan
 University of New England
 University of North Carolina
 University of Pennsylvania
 University of Pittsburgh
 University of Rhode Island
 University of South Carolina
 University of Tennessee
 University of Vermont
 University of Wisconsin
 Ursinus College
 Vanderbilt University
 Villanova University
 Virginia Tech
 Virginia Wesleyan
 Washington University in St. Louis
 Wellesley College
 Westchester University of Pennsylvania
 West Virginia University
 York College of Pennsylvania

SCHOOL ADMINISTRATION

Nancy Gartenberg, Superintendent

Paul J. Popadiuk, Principal

Corie Gaylord, Director of Student Academic &
Counseling Services

Naoma Green, Vice Principal

Scott Pachuta, Vice Principal

Keith Land, Vice Principal

Kelly Apel, School Counselor

Maureen Conway, School Counselor

Keith Glock, School Counselor

Christine Grossmann,

Student Assistant Counselor

Carla Hampton, School Counselor

Jessica Ritson, School Counselor

Patricia Musial, School Counselor

Heather Pino-Beattie, School Counselor