



Montgomery High School

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www.mtsd.k12.nj.us CEEB 311359

2010 Profile

A Blue Ribbon School of Excellence



Montgomery High School is a premier, state of the art learning institution with a dual focus on academic achievement and social-emotional character development for all students. 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 tradition of support for academic and cultural achievement. Montgomery High School offers an extremely challenging scholastic environment and consistently produces many of New Jersey's highest achieving learners. Each graduating class over the past decade has sent at least 91% of graduates on to four-year colleges. The Program of Studies offers 21 Advanced Placement courses, 19 Honors and accelerated courses as well as a wide array of challenging academic electives.

Mean SAT Scores Class of 2010

	Verbal	Math	Writing
Montgomery	587	613	590
NJ	495	514	497
National	501	516	492

Mean ACT Scores Class of 2010

	English	Math	Reading	Science	Composite
Montgomery	24.2	25.9	24.9	23.8	24.8
NJ	23.1	23.6	23.2	22.4	23.2
National	20.5	21.0	21.3	20.9	21.0

National Merit Program

Class of 2009	Class of 2010
12 Finalists	17 Finalists
12 Semifinalists	20 Semifinalist
37 Commended Students	43 Commended Students

Mean SAT II Scores Class of 2010

	Montgomery	New Jersey	National
Literature	669	620	580
US History	707	650	601
World History	642	624	605
Mathematics 1	668	628	605
Mathematics 2	723	691	649
Biology E	646	637	601
Biology M	678	661	638
Chemistry	711	671	644
Physics	686	657	658
French	643	586	620
French w/ Listening	702	599	639
Spanish	635	610	644

Student Body

Enrollment Grades 9 thru 12: 1705

Class of 2011: 422

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 high achievers both in and out of the classroom. They succeed in balancing an extremely rigorous academic schedule with participation in over 60 co-curricular offerings. These offerings include award winning curricular and co-curricular performing arts programs highlighted by highly acclaimed bands, orchestras and choral groups; academic clubs including Robotics, Debate and Science Olympiad Teams; service organizations recognized for their community contributions as well as 24 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 2010

Course	% scoring :			# students taking exam
	5	4	3	
Art History	17%	44%	30%	131
Biology	60%	21%	9%	47
Calculus AB	81%	11%	8%	64
Calculus BC	92%	3%	3%	37
Chemistry	53%	32%	7%	68
Chinese Language & Culture	100%	-	-	3
Computer Science A	30%	40%	20%	10
Economics-Macro	56%	34%	6%	100
Economics-Micro	39%	44%	16%	102
English Language & Composition	76%	19%	5%	42
English Literature & Composition	42%	55%	3%	31
Environmental Science	31%	37%	12%	49
European History	-	-	100%	1
French Language	31%	46%	23%	13
German Language	17%	17%	33%	6
Government & Politics-US	44%	30%	22%	27
Latin Vergil	-	100%	-	1
Music Theory	10%	40%	20%	10
Physics B	50%	33%	17%	12
Physics C (E&M)	59%	18%	12%	17
Physics C (Mech)	39%	35%	13%	23
Psychology	50%	50%	-	4
Spanish Language	50%	29%	14%	14
Statistics	23%	42%	33%	48
Studio Art: Drawing/2D	33%	33%	33%	3
Studio Art: Design/2D	25%	63%	12%	8
US History	70%	29%	1%	69
TOTAL TESTS				940

Class Rank

The academic environment at Montgomery High School is very challenging. The majority of our students meet that challenge by earning exemplary grades. We believe that our students' levels of achievement are not equitably or fully communicated by class rank. Accordingly, Montgomery High School does not report class rank.

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 2011 must successfully complete 125 credits, 5 credits more than the New Jersey State graduation requirement of 120 credits. Students are required to complete 4 units of English, 3 units of Mathematics, 3 units of Laboratory Science, 3 units of Social Studies, 1 unit of World Language, 4 units of Health/Physical Education, 1 unit of Visual or Performing Arts, and 1 unit of Practical Art / Career Exploration. 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

English 11 AP Language & Comp
English 12 AP English Lit & Comp

HONORS

Intro to Lit and Comp H
Elements of Lit and Comp H
Advanced Lit and Comp
Senior Seminar/Contemporary Lit Honors

CP

Creative Writing Seminar
Intro to Literature and Comp
Great Expectations-English
Elements of Literature and Comp
Elements of Literature and Comp II
Senior Seminar/Selected Shorts
Senior Seminar/Contemporary Lit

GEN ED

Expository Writing Workshop
Academic Support

SOCIAL STUDIES

AP

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

AP Art History

AP Economics

HONORS

U.S. History-1989-Present

CP

World Studies
Great Expectations-Social Studies
U.S. History I
U.S. History II
Sociology
Elements of Human Behavior
Crime & Punishment
American Film & Culture
World Religion
Diversity in America
History of the Middle East

MATHEMATICS

AP

Calculus AP-AB
Calculus AP-BC
Statistics AP

HONORS

Geometry Honors
Algebra II Honors
Precalculus Honors

CP

Elements of Algebra I
Algebra I
Elements of Geometry
Geometry
Elements of Algebra II
Algebra II
Elements of Advanced Algebra / Trig
Advanced Algebra / Trig
Precalculus
Calculus
Statistics
Discreet Math
GEN ED
Math Connections:
I, II, III, IV

21st CENTURY LIFE & CAREERS or CAREER TECHNICAL EDUCATION

AP

Computer Science AP-A

CP

Journalism I & II
Computerized Accounting I & II
Business Law
eCommerce/Entrepreneurship
Personal Finance
Software Applications
MOS Certification Prep
Intro to Computer Language
Microsoft Visual C++.net
JAVA
Web Design I & II
Communication Tech-TV
Productions I, II & III
Foods & Nutrition
International & Creative Foods
Fashion & Clothing I & II
Life Skills
Media & Graphic Communication
I & II
Architectural Design I & II
Engineering Design & Materials
Fabrication I & II
Power, Energy & Transportation
Mechanical Mechanism & Robotic Systems
CAD Manufacturing
Portfolio Project-Media and Graph
Portfolio Project-Architecture
Portfolio Project-CAD

VISUAL, PERFORMING or TECHNICAL ARTS

AP

Art Studio AP
ACCELERATED
Chamber Choir
Chamber Orchestra
Wind Ensemble

CP

Advanced Drama III
Art Fundamentals
Broadway Music
Concert Choir
Digital Media & Animation I & II
Intro to Drama I & II
MHS Orchestra
Music Theory
Music Fundamentals
Photography I, II, III & IV
Public Speaking
Studio I-IV
Symphonic Band
Symphonic Winds

SCIENCE

AP

Physics AP-B
Physics AP-C Mechanics
Chemistry AP
Biology AP
Environmental Science AP

HONORS

Physics Honors
Chemistry Honors
Biology Honors

CP

Physics
Chemistry
Biology
Environmental Science

GEN ED

Applications of Physics
Applications of Chemistry
Applications of Biology

WORLD LANGUAGES

AP

French VI AP
German VI AP
Spanish VI AP

HONORS

French V Honors
German V Honors
Spanish V Honors

CP

French I-V
German I-V
Spanish Conversation & Culture
Spanish I-V
Spanish V: Cinema
Italian I-IV
Latin I-IV
Mandarin Chinese I-V

HEALTH, SAFETY and PHYSICAL EDUCATION

Physical Education 9-12
Health 9, 11, 12
Drivers Education

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

MONTGOMERY HIGH SCHOOL

2010 COLLEGE MATRICULATION

Alfred University
Alvernia University
American University
Arizona State University
Berkeley College
Boston College
Boston University
Brandeis University
Bryn Mawr College
Bucknell University
Cabrini College
Carnegie Mellon University
Case Western Reserve University
Castleton State College
Centenary College
Central Michigan University
Central Piedmont Community College
Coastal Carolina University
Colgate University
College of the Holy Cross
Columbia University
Concordia University
Cooper Union
Cornell University
Dartmouth College
Delaware Valley College
DeSales University
Drew University
Drexel University
Duke University
Edinboro University of Pennsylvania
Embry-Riddle Aeronautical University - FL
Fairleigh Dickinson University
Felician College
Fordham University
Franklin and Marshall College
George Mason University
Grinnell College
Harvard University
Hobart and William Smith Colleges
Ithaca College
James Madison University
Johns Hopkins University
Johnson & Wales University
King's College
La Salle University
Lafayette College
Lehigh University
Liberty University
Long Island University, C.W. Post Campus
Loyola Marymount University
Loyola University Maryland
Lycoming College
Marist College

McGill University
Mercer County Community College
Messiah College
Miami University, Oxford
Middlesex County College
Monmouth University
Montclair State University
Moravian College
Muhlenberg College
Neumann University
New Jersey Institute of Technology
New York University
Northeastern University
Northwestern University
Nyack College
Ohio University
Oklahoma City University
Otis College of Art and Design
Parsons School of Design
Pennsylvania College of Technology
Pennsylvania State University, University Park
Pepperdine University
Pratt Institute
Princeton University
Providence College
Purdue University
Quinnipiac University
Ramapo College of New Jersey
Raritan Valley Community College
Rensselaer Polytechnic Institute
Rhodes College
Rice University
Richard Stockton College of New Jersey
Rider University
Roberts Wesleyan College
Rochester Institute of Technology
Roger Williams University
Rowan University
Rutgers, The State University of NJ
Saint Joseph's University
Saint Peter's College
Salisbury University
Savannah College of Art and Design
School of Visual Arts (Nursing)
Seton Hall University
Shippensburg University of Pennsylvania
Smith College
St. Mary's College of Maryland
Stonehill College
Stony Brook University
Suffolk University
Syracuse University
Temple University
The Catholic University of America

The College of New Jersey
The Culinary Institute of America
The George Washington University
The Ohio State University
The University of Arizona
University of North Carolina at Chapel Hill
The University of Scranton
The University of Texas, Austin
Towson University
Trinity College
Trinity International University
Tufts University
Tulane University
Union College
Union County College
United States Air Force Academy
United States Marine Corps Recruiter
United States Military Academy
United States Naval Academy
United Technical Institute
University of British Columbia
University of California at Berkeley
University of Colorado at Boulder
University of Connecticut
University of Delaware
University of Illinois at Urbana-Champaign
University of Maryland, College Park
University of Massachusetts, Amherst
University of Massachusetts, Dartmouth
University of Miami
University of Michigan
University of Mumbai
University of New Haven
University of Notre Dame
University of Pennsylvania
University of Redlands
University of Richmond
University of Rochester
University of Southern California
University of Vermont
University of Virginia
University of Washington
University of Western Ontario
Ursinus College
Valley Forge Military College
Vassar College
Virginia Polytechnic Institute & State University
Wake Forest University
Wentworth Institute of Technology
Wesleyan University
West Virginia University
Widener University
William Paterson University

SCHOOL ADMINISTRATION

Earl Kim, Superintendent

Paul J. Popadiuk, Principal
Cory Delgado, Vice Principal
Noreen Lazariuk, Vice Principal
Damian Pappa, Vice Principal

Kelly DeBow, School Counselor
Keith Glock, School Counselor
Carla Hampton, School Counselor
Patricia Musial, School Counselor

Heather Pino, School Counselor
Jessica Ritson, School Counselor
Cheryl Watson, School Counselor
Ann DeGennaro, Student Asst. Counselor