



Montgomery High School

1016 Rt. 601 Skillman, New Jersey 08558

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www.mtsd.k12.nj.us CEEB 311359

A Blue Ribbon School of Excellence

2011 Profile



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, 18 Honors and accelerated courses as well as a wide array of challenging academic electives.

Mean SAT Scores Class of 2011

| | Verbal | Math | Writing |
|------------|--------|------|---------|
| Montgomery | 582 | 611 | 591 |
| NJ | 495 | 516 | 497 |
| National | 497 | 514 | 489 |

Mean ACT Scores Class of 2011

| | English | Math | Reading | Science | Composite |
|------------|---------|------|---------|---------|-----------|
| Montgomery | 25.4 | 26.1 | 24.9 | 24.3 | 25.3 |
| NJ | 23.1 | 23.7 | 23.3 | 22.4 | 23.2 |
| National | 20.6 | 21.1 | 21.3 | 20.9 | 21.1 |

National Merit Program

| Class of 2010 | Class of 2011 |
|-----------------------|-----------------------|
| 17 Finalists | 17 Finalists |
| 20 Semifinalists | 17 Semifinalist |
| 43 Commended Students | 34 Commended Students |

Mean SAT II Scores Class of 2011

| | Montgomery | New Jersey | National |
|----------------------|------------|------------|----------|
| Literature | 658 | 620 | 576 |
| US History | 730 | 654 | 608 |
| Mathematics 1 | 655 | 632 | 610 |
| Mathematics 2 | 738 | 697 | 654 |
| Biology E | 627 | 645 | 604 |
| Biology M | 688 | 668 | 635 |
| Chemistry | 721 | 669 | 648 |
| Physics | 724 | 663 | 656 |
| Chinese w/ Listening | 773 | 751 | 758 |
| French | 643 | 611 | 622 |
| Spanish | 629 | 620 | 647 |

Student Body

Enrollment Grades 9 thru 12: 1731

Class of 2012: 424

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 2011

| Exam | % scoring : | | | # students taking exam |
|----------------------------|-------------|-----|-----|------------------------|
| | 5 | 4 | 3 | |
| Art History | 13% | 40% | 36% | 112 |
| Biology | 61% | 19% | 9% | 70 |
| Calculus AB | 69% | 18% | 8% | 77 |
| Calculus BC | 88% | 6% | 6% | 34 |
| Chemistry | 35% | 35% | 23% | 71 |
| Chinese Lang & Culture * | 80% | 20% | - | 5 |
| Computer Science A | 54% | 27% | 9% | 22 |
| Economics-Macro | 28% | 42% | 13% | 78 |
| Economics-Micro | 25% | 35% | 25% | 72 |
| English Lang & Composition | 65% | 25% | 8% | 40 |
| English Lit. & Composition | 52% | 27% | 18% | 33 |
| Environmental Science | 14% | 28% | 23% | 43 |
| European History * | 33% | - | 33% | 3 |
| French Language | 36% | 18% | 45% | 11 |
| German Language | 33% | 17% | 25% | 12 |
| Government & Politics-US | 43% | 14% | 24% | 21 |
| Japanese Lang & Culture * | 100% | - | - | 1 |
| Music Theory | 100% | - | - | 1 |
| Physics B | 67% | 33% | - | 6 |
| Physics C (E&M) | 16% | 37% | 11% | 19 |
| Physics C (Mech) | 34% | 24% | 14% | 29 |
| Psychology | 75% | 25% | - | 4 |
| Spanish Language | 24% | 24% | 29% | 38 |
| Statistics | 32% | 38% | 22% | 50 |
| Studio Art: Drawing/2D | 50% | - | 50% | 2 |
| Studio Art: Design/2D | 8% | 54% | 38% | 13 |
| US History | 64% | 30% | 6% | 69 |
| World History * | 33% | 66% | - | 3 |
| TOTAL TESTS | | | | 939 |

* Course not offered at Montgomery H.S.

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 2012 must successfully complete 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

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

CP

Creative Writing Seminar
English Lit & Comp 9
Great Expectations-English
English Lit & Comp 10
English Comp & American Lit 11
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

World Studies H *
U.S. History-1989-Present

CP

World Studies
Great Expectations-Social Studies
U.S. History I
U.S. History II

GEN ED

Sociology
Elements of Human Behavior
Crime & Punishment
American Film & Culture
World Religion
History of the Middle East

MATHEMATICS

AP

Calculus AP-AB
Calculus AP-BC
Statistics AP

HONORS

Geometry Honors
Algebra II Honors
Precalculus Honors

CP

Algebra I
Elements of Geometry
Geometry
Elements of Algebra II
Algebra II
Elements of Advanced Algebra / Trig
Advanced Algebra / Trig

GEN ED

Precalculus
Calculus
Statistics
Discreet Math
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
Business Law

eCommerce/Entrepreneurship

Personal Finance

Software Applications

Intro to Computer Language

Microsoft Visual C++-net

JAVA

Web Design I & II

Communication Technology:

TV Productions I, II & III

Foods & Nutrition

International & Creative Foods

Fashion & Clothing I

Life Skills

Media & Graphic Commun. I

Architectural Design I & II

Engineering Design & Materials

Fabrication I & II

Power, Energy & Transportation

Mechanical Mechanism &

Robotic Systems

CAD Manufacturing

Portfolio Project-Architecture

Portfolio Project-CAD

VISUAL, PERFORMING or TECHNICAL ARTS

AP

AP Art Studio
AP Music Theory

ACCELERATED

Chamber Choir
Chamber Orchestra
Wind Ensemble

CP

Advanced Drama III
Art Fundamentals
Concert Choir
Digital Media & Animation I & II
Intro to Drama I & II
MHS Orchestra
Music In Culture
Music Theory
Photography I, II, III

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 III-IV
Latin I-IV
Mandarin Chinese I-V

HEALTH, SAFETY and PHYSICAL EDUCATION

Physical Education 9-12

Health 9, 11, 12

Drivers Education

* new for 2011-2012

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

MONTGOMERY HIGH SCHOOL

2011 COLLEGE MATRICULATION



| | | |
|---|--|--|
| Alvernia University | Mercer County Community College | The George Washington University |
| American University | Messiah College | The University of Alabama |
| Arizona State University | Miami University, Oxford | The University of Iowa |
| Bard College | Middlesex County College | The University of North Carolina at Chapel Hill |
| Barnard College | Millersville University of Pennsylvania | The University of Scranton |
| Baylor University | Monmouth University | The University of Tampa |
| Bentley University | Moravian College | The University of Texas, Pan American |
| Bloomsburg University of Pennsylvania | Mount Saint Mary's University | Towson University |
| Boston College | Muhlenberg College | Tufts University |
| Boston University | Neumann University | Tulane University |
| Brigham Young University | New Jersey Institute of Technology | United States Coast Guard Academy |
| Bryant University | New York Institute of Technology | United States Coast Guard Recruiter |
| Bucknell University | New York University | University of British Columbia |
| Cabrini College | Northeastern University | University of California at Berkeley |
| Carnegie Mellon University | Northwestern University | University of Central Florida |
| Case Western Reserve University | Pace University | University of Chicago |
| Central Connecticut State University | Parsons, The New School for Design | University of Connecticut |
| City University | Pennsylvania State University, University Park | University of Delaware |
| Clemson University | Philadelphia University | University of Illinois at Urbana-Champaign |
| Coastal Carolina University | Polytechnic Institute of NYU | University of Limerick, Ireland |
| Colby College | Pratt Institute | University of Delaware |
| College of Charleston | Princeton University | University of Maryland, College Park |
| College of Saint Elizabeth | Providence College | University of Massachusetts, Amherst |
| College of William and Mary | Purchase College | University of Miami |
| Columbia University | Purdue University | University of Minnesota, Twin Cities |
| Cornell University | Queen's University | University of New Haven |
| Dartmouth College | Quinnipiac University | University of Notre Dame |
| Dickinson College | Ramapo College of New Jersey | University of Pennsylvania |
| Drexel University | Raritan Valley Community College | University of Pittsburgh |
| East Carolina University | Rhode Island School of Design | University of Redlands |
| East Stroudsburg University of Pennsylvania | Rhodes College | University of Rhode Island |
| Elon University | Rice University | University of Rochester |
| Emory University | Richard Stockton College of New Jersey | University of Southern California |
| Fairfield University | Rider University | University of Vermont |
| Fairleigh Dickinson University | Rochester Institute of Technology | University of Virginia |
| Fashion Institute of Technology | Rowan University | University of Wisconsin, Madison |
| Fordham University | Rutgers, The State University of NJ., New Bruns. | Ursinus College |
| Georgetown University | Rutgers, The State University of N.J., Camden | Vanderbilt University |
| Grove City College | Sacred Heart University | Villanova University |
| Hamilton College, NY | Saint Joseph's University | Virginia Commonwealth University |
| High Point University | Saint Peter's College | Virginia Military Institute |
| Hofstra University | Salisbury University | Virginia Polytechnic Institute & State University |
| Indiana University of Pennsylvania | Savannah College of Art and Design | Wagner College |
| Ithaca College | Seton Hall University | Wake Forest University |
| Kean University | Shippensburg University of Pennsylvania | Washington College |
| Kent State University | Siena College | Washington University in St. Louis |
| La Salle University | Somerset County Technical Institute | Wellesley College |
| Lafayette College | St. John's University-Queens | Wesley College |
| Lehigh University | State University of New York-Plattsburgh | West Chester University |
| Long Island University, C.W. Post Campus | State University of New York-New Paltz | West Virginia University |
| Loyola University Maryland | Stony Brook University | Widener University |
| Lycoming College | Susquehanna University | William Paterson University of N.J. |
| Lynchburg College | Syracuse University | Woodbury University |
| Manhattan College | Temple University | |
| McDaniel College | The Art Institute of Boston at Lesley University | |
| McGill University | The College of New Jersey | |

SCHOOL ADMINISTRATION

Earl Kim, Superintendent

Paul J. Popadiuk, Principal
Cory Delgado, Vice Principal
Corie Gaylord, 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
Nell Geiger, Student Asst. Counselor