Montgomery High School

2013 Profile

A Blue Ribbon School of Excellence

Montgomery High School is a premier learning institution with a sustained focus on both academic achievement and social and emotional character development for all students. Beginning with the 2011-2012 school year, Montgomery adopted an AB block schedule format to support both academic and social and emotional learning objectives. 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 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 22 Advanced Placement courses, 17 Honors and accelerated courses as well as a wide array of challenging academic electives.

Mean SAT Scores Class of 2013

	Verbal	Math	Writing
Montgomery	597	631	608
NJ	499	522	500
National	496	514	488

Mean ACT Scores Class of 2013

	English	Math	Reading	Science	Composite
Montgomery	24.7	26.1	24.6	24.4	25.0
NJ	22.5	23.9	23.1	22.2	23.0
National	20.2	20.9	21.1	20.7	20.9

National Merit Program

Class of 2012	Class of 2013
	1 Scholarship Recipient
14 Finalists	22 Finalists
1 Semifinalist	1 Semifinalist
55 Commended Students	39 Commended Students

Mean SAT II Scores Class of 2013

	Montgomery	New Jersey	National
Literature	701	627	613
US History	738	669	651
Mathematics 1	673	673	621
Mathematics 2	728	699	686
Biology E	677	644	626
Biology M	688	669	655
Chemistry	737	677	666
Physics	728	663	667
Chinese w/ Listening	778	756	759
French	637	600	635
Spanish	619	629	656
World History	627	623	624

Student Body   **Enrollment Grades 9 thru 12:** 1,720   **Class of 2013:** 410

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 60 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 34 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.

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.

ADVANCED PLACEMENT RESULTS
May 2013

Exam	% scoring : 5	4	3	# students taking exam
Art History	24%	41%	25%	80
Biology	22%	49%	22%	97
Calculus AB	80%	12%	5%	81
Calculus BC	72%	22%	5%	36
Chemistry	53%	22%	16%	76
Chinese Lang & Culture *	80%	10%	-	10
Computer Science A	45%	45%	-	20
English Lang & Composition	59%	27%	11%	37
English Lit. & Composition	35%	48%	16%	31
Environmental Science	11%	47%	22%	72
European History *	50%	50%	-	2
French Language	33%	42%	25%	12
German Language	55%	11%	33%	9
Human Geography *	100%	-	-	3
Macroeconomics	37%	31%	18%	108
Microeconomics	43%	42%	11%	104
Music Theory	-	-	100%	1
Physics B	48%	26%	23%	31
Physics C (Elec & Mag)	24%	38%	19%	21
Physics C (Mechanics)	46%	25%	25%	28
Psychology *	58%	25%	8%	12
Spanish Language	28%	58%	5%	36
Statistics	27%	52%	16%	62
Studio Art: Design/2D	-	100%	25%	3
US Government & Politics	45%	13%	29%	31
US History	78%	18%	4%	102
World History *	25%	25%	25%	4
TOTAL TESTS ADMINISTERED				**1,109**

* Course not offered at Montgomery H.S.

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 2014 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 Laboratory 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 Honors
Spanish V Honors

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

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
U.S. History I
U.S. History II

GEN ED
Sociology
Elements of Human Behavior
Crime & Punishment
American Film & Culture

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

CAREER EXPLORATION

AP
Computer Science AP-A

CP
Basic Accounting I
Journalism I & II
Business & Personal Law
Elem of Entrepreneurship
Finance Literacy
Software Applications
Intro to Computer Language
JAVA
Web Design
Communication Technology:
TV Productions I, II
Foods & Nutrition
International Foods
Fashion & Clothing
Life Skills
Media & Graphic Communications
Architectural Design I & II
Engineering Design & Materials
Fabrication I & II
Power, Energy & Transportation
Mechanical Mechanism & Robotic Systems
CAD and Manufacturing
Portfolio Project-Architecture
Portfolio Project-CAD
Portfolio Project– Engineering

VISUAL, PERFORMING & TECHNICAL ARTS

AP
AP Art Studio

HONORS
Chamber Choir Honors *
Chamber Orchestra Honors *
Honors Portfolio
Wind Ensemble Honors *

CP
Advanced Photography
Art Fundamentals
Blues to Beatles *
Ceramics
Chamber Choir
Chamber Orchestra
Concert Orchestra
Concert Choir
Cultural Crafts
Digital 2D Design *
Gaming Design & Appl. Dev.
Intro to Drama
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
Academic Support
Creative Writing

MATHEMATICS

AP
Calculus AP-AB
Calculus AP-BC
Calculus AP-C *
Statistics AP

HONORS
Geometry Honors
Algebra II Honors
Precalculus Honors

CP
Algebra I
Geometry
Algebra II
Advanced Algebra / Trig
Precalculus
Calculus
Statistics
Discreet Math

GEN ED
Math Connections
Elements of Geometry
Elements of Algebra II
Elements of Advanced Algebra / Trig

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

* new for 2013-2014

MONTGOMERY HIGH SCHOOL
2013 COLLEGE MATRICULATION

Alvernia University
American University
Appalachian State University
Belmont University
Berkeley College
Binghamton University
Boston College
Boston University
Brandeis University
Brigham Young University
Bryn Mawr College
Buffalo State College of SUNY
California Institute of Technology
Carnegie Mellon University
Case Western Reserve University
Centenary College
Champlain College
City University of New York
Clemson University
College of Charleston
College of the Holy Cross
Concordia University
Copenhagen International School Denmark
Cornell University
Dartmouth College
Delaware Valley College
DeSales University
Dickinson College
Drexel University
Duke University
East Carolina University
East Stroudsburg University
Elon University
Emerson College
Emory University
Fashion Institute of Design and Merchandising
Florida Gulf Coast University
Florida International Institute
Florida State University
Franklin and Marshall College
Franklin Pierce University
Franklin W. Olin College of Engineering
Georgetown College
Georgetown University
Gettysburg College
Harvard College
Haverford College
Hofstra University
Indiana University at Bloomington
Iona College
James Madison University
Johns Hopkins University
Kansas State University
Kean University

Keuka College
Kutztown University
LaSalle University
Lafayette College
Lehigh University
LIM College
Loyola University
Marist College
Marymount University
McGill University
Mercer County Community College
Miami University-Oxford
Michigan State University
Montclair State University
Muhlenberg College
Neumann University
New Jersey Institute of Technology
New York Film Academy
New York University
Northeastern University
Northwestern University
Occidental College
Oxford College of Emory University
Pennsylvania State University
Philadelphia University
Pitzer College
Princeton University
Providence College
Purdue University
Quinnipiac University
Ramapo College of New Jersey
Raritan Valley Community College
Rensselaer Polytechnic Institute
Rhode Island School of Design
Rhodes College
Rider University
Rowan University
Rutgers, The State University
Sacred Heart University
Saint Joseph's University
Saint Peter's University
Salisbury University
Santa Barbara City College
Seton Hall University
Shannon College of Hotel Management
Southern Methodist University
St. John's University
Stevens Institute of Technology
Stony Brook University
SUNY Delhi
Swarthmore College
Syracuse University
Temple University
Texas A & M University

The Catholic University of America
The College of New Jersey
The George Washington University
The University of Alabama
The University of Maryland
The University of the Arts-Philadelphia
Towson University
Tufts University
United States Air Force
United States Army
United States Coast Guard
United States Marines Corp
University of Alaska
University of Alberta
University of British Columbia
University of California at Berkeley
University of California at Irvine
University of Chicago
University of Colorado at Boulder
University of Connecticut
University of Delaware
University of Illinois at Urbana-Champaign
University of Massachusetts
University of Miami
University of Michigan
University of North Carolina at Charlotte
University of Notre Dame
University of Pennsylvania
University of Pittsburgh
University of Rhode Island
University of Rochester
University of Southampton
University of Southern California
University of Vermont
University of Wisconsin
Vanderbilt University
Villanova University
Virginia Polytechnic Institute &
　　　　　State University
Wagner College
Wake Forest University
Wellesley College
West Chester University
West Virginia University
West Carolina University
Western New England University
Westminster Choir College of Rider University
Widener University
William Patterson University
Williams College
Wilmington University
Xavier University
Yale University
York College of Pennsylvania

SCHOOL ADMINISTRATION

Nancy Gartenberg, Superintendent　　　　　　　　Paul J. Popadiuk, Principal

Corie Gaylord, Vice Principal/
　　Supervisor of Guidance
Naoma Green, Vice Principal
Damian Pappa, Vice Principal
Christopher Reginio, Vice Principal

Kelly Apel, School Counselor
Keith Glock, School Counselor
Christine Grossmann, Student Asst. Counselor
Carla Hampton, School Counselor

Jessica Ritson, School Counselor
Patricia Musial, School Counselor
Heather Pino-Beattie, School Counselor
Cheryl Watson, School Counselor