



Montgomery High School

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A Blue Ribbon School of Excellence

2020 Profile



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. Eighty-Nine percent of the graduating class of 2020 are continuing their education at four-year colleges. The Program of Studies offers 20 Advanced Placement Courses, 27 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 2020

	Montgomery	New Jersey	National
ERW	647	541	528
Math	673	540	523

National Merit Program

Class of 2019	Class of 2020
12 Finalists	21 Finalists
12 Semifinalists	0 Semifinalists
69 Commended Students	47 Commended Students

Mean ACT Scores Class of 2020

	English	Math	Reading	Science	Composite
Montgomery	28.4	28.3	27.5	26.8	27.8
New Jersey	24.5	24.0	24.7	23.7	24.4
National	19.9	20.2	21.2	20.6	20.6

Seal of Biliteracy Recognition

Class of 2020 92 students

Enrollment Grades 9 thru 12: 1618

Class of 2020: 400

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 36 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 33 varsity sports. Our students are frequently recognized for their academic, athletic, civic and performance accomplishments.

2019-2020 COVID 19 Update: Montgomery High School went fully remote on March 16, 2020 through the end of the school year on June 19, 2020. Grading for all students remained consistent with number grades for all subjects on a 100 point scale, with the balance between semesters 55% Fall/45% Spring,. There were no final exams.

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 2020

Exam	% scoring:			# students taking exam
	5	4	3	
Art History	28%	33%	25%	40
Biology	29%	38%	31%	104
Calculus AB	57%	28%	11%	106
Calculus BC	68%	18%	12%	74
Chemistry	40%	31%	21%	95
Computer Science A	45%	26%	19%	47
English Lang & Composition	55%	28%	17%	47
English Lit. & Composition	36%	29%	36%	14
Environmental Science	21%	38%	7%	29
French Language	22%	44%	28%	18
German Language	27%	53%	7%	15
Macroeconomics	49%	32%	12%	90
Microeconomics	51%	35%	10%	91
Physics C (Elec & Mag)	54%	22%	6%	50
Physics C (Mechanics)	63%	21%	14%	57
Spanish Language	32%	47%	18%	34
Statistics	37%	32%	24%	101
Studio Art: Design/2D	-	75%	25%	4
Studio Art: Drawing Port.	-	67%	33%	3
US Government & Politics	32%	24%	20%	41
US History	47%	33%	17%	58

TOTAL TESTS

ADMINISTERED

1128



GRADING

Montgomery High School transitioned to a semester grading system beginning with the 2018-2019 school year. Montgomery High School teachers believe in teaching beyond the test and most subscribe to stringent grading procedures. Therefore, semester 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.

RANKING

Montgomery High School does not engage in the automatic calculation and reporting of class rank for students. A pupil's class rank shall be calculated to determine valedictorian, salutatorian, and students graduating with honors. A pupil's class rank will only be released to a requesting institution (such as a service academy) or a scholarship provider.

A TRADITION OF ACHIEVEMENT

CURRICULUM

The Class of 2021 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.

ENGLISH

AP

AP Language & Comp English 11
AP Literature & Comp English 12

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

Creative Writing
Expository Writing Workshop

SCIENCE

AP

AP Physics C: Mech & Elec & Mag

AP Chemistry

AP Biology

AP Environmental Science

HONORS

Biology H
Biotechnology H
Chemistry H

iSTEMi Adv. Scientific Investigations H

Microelectronics H

Organic Chemistry H

Physics H

CP

Physics
Chemistry
Biology
Anatomy & Physiology
Astronomy
Environmental Science
Weather & Meteorology

GEN ED

Integrated Physical Earth & Life Sciences

General Chemistry

General Biology

WORLD LANGUAGES

AP

AP French VI

AP German VI

AP Spanish VI

HONORS

French IV Honors
German IV Honors
Latin IV Honors
Spanish III & IV Honors

CP

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

CAREER EXPLORATION

AP

AP Computer Science 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
Culinary Arts II
Intro to Entrepreneurship
Intro to Computer Languages
Engineering I, II
Journalism I, II
Journalism III - Portfolio
Life Skills
Media & Graphic Communications I
Portfolio Project-Architecture
Portfolio Project-CADD
Portfolio Project-Design & Fabrication
Portfolio Project -Engineering
Portfolio Project-Media & Graphics
Power, Energy & Transportation
Radio Broadcasting
Sports & Entertainment Marketing
The Art of Baking
TV Productions I, II, III
Webpage Design & Development

MATHEMATICS

AP

AP Calculus AB

AP Calculus BC

AP Calculus C

AP Statistics

HONORS

Geometry Honors
Algebra II Honors
Pre-Calculus Honors
Honors Math Methods in Engineering and the Sciences

CP

Algebra I
Geometry
Algebra II
Algebra III
Advanced Algebra/Trig
Pre-Calculus
Calculus
Statistics
Discrete Math

GEN ED

Algebraic Function & Analysis
Applied Algebraic Extensions
Math Connections

SOCIAL STUDIES

AP

AP Art History

AP Economics

AP U.S. History II - Part II

AP U.S. Government & Politics

HONORS

World Studies H
U.S. History I 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

VISUAL, PERFORMING & TECHNICAL ARTS

AP

AP Art Studio

HONORS

Chamber Choir Honors
Chamber Orchestra Honors
Honors Portfolio
Wind Ensemble Honors

CP

Advanced Ceramics
Advanced Photography
Blues to Beatles
Ceramics I, II
Chamber Choir
Chamber Orchestra
Chorale
Concert Orchestra
Concert Choir
Digital 2D Design
Intro to Drama I, II
Intro to Studio Art
Photography I, II
Public Speaking
Studio I, II
Symphonic Band
Symphonic Winds
Visual Design-Art thru Tech
Wind Ensemble

HEALTH, SAFETY and PHYSICAL EDUCATION

Physical Education 9-12
Health 9, 11, 12
Drivers Education
Peer Leadership Program
Peer II

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

MONTGOMERY HIGH SCHOOL

2020 COLLEGE MATRICULATION



American University	Lehigh University	The University of the Arts
Arizona State University	Louisiana State University	Towson University
Auburn University	Loyola University	Tufts University
Belmont University	Manhattan College	Tulane University
Berklee College of Music	Marist College	The United States Navy
Binghamton University	Maryland Institute College of Art	University of California
Boston College	Massachusetts Institute of Technology	University of Chicago
Boston University	McGill University	University of Colorado
Bryn Mawr College	Mercer County Community College	University of Connecticut
Bucknell University	Miami University	University of Delaware
Cabrini University	Michigan State University	University of Florida
California Polytechnic State University	Monmouth University	University of Illinois
Calvin University	Montclair State University	University of Maryland
Carnegie Mellon University	Moravian College	University of Massachusetts
Case Western Reserve University	New Jersey Institute of Technology	University of Michigan
Clemson University	New York University	University of Minnesota
Columbia University	Northeastern University	University of North Carolina
Cornell University	Northwestern University	University of Pennsylvania
County College of Morris	Occidental College	University of Pittsburgh
Delaware Technical & Community College	Ohio State University	University of Scranton
Delaware Valley University	Oregon State University	University of South Carolina
Dickinson College	Pace University	University of Southern California
Drew University	Pennsylvania State University	University of the Sciences
Drexel University	Princeton University	University of Toronto
East Stroudsburg University	Purdue University	University of Wisconsin
Embry-Riddle Aeronautical University	Ramapo College	Ursinus College
Emerson College	Raritan Valley Community College	Vanderbilt University
Emory University	Rensselaer Polytechnic Institute	Villanova University
Fairleigh Dickinson University	Rice University	Virginia Tech
Florida Institute of Technology	Rider University	Wagner College
Fordham University	Rochester Institute of Technology	Weber State University
Furman University	Rowan University	Wellesley College
George Washington University	Rutgers University	Wesleyan University
Georgetown University	Saint Joseph's University	West Chester University
Georgia Institute of Technology	Sarah Lawrence College	Westminster Choir College
Gettysburg College	Seton Hall University	William and Mary
Hamilton College	St. Bonaventure University	Yale University
Hobart William Smith Colleges	St. John's University	
Hofstra University	Stevens Institute of Technology	
Holy Family University	Syracuse University	
Indiana University	Temple University	
Ithaca College	The College of New Jersey	
Kean University	The London School of Economics and Political Science	
Kent State University	The University of Tennessee	
Kutztown University	The University of Texas at Austin	
Lafayette College	The University of Texas at San Antonio	

SCHOOL ADMINISTRATION

Mary McLoughlin, 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