

Montclair High School

School Profile 2017-2018

100 Chestnut Street
Montclair, NJ 07042

973.509.4100 School's Main Office
973.509.4118 Guidance Center
<http://mhs.mpsdnj.us>

CEEB: 310820

Principal
James Earle

Assistant Principal
Eileen Gilbert
John Jeffries
Clifton Thompson
Kimberly Westervelt

Director of Guidance
Dustin Bayer

Guidance Staff
Lauren Csuka
Chanda Fields
Teresa Furr
Raissa Maynard
Siobhan Meyer
Tracie Morrison
Allen Regar
Shirley Sharples
Hugh Witter

Montclair is a traditional comprehensive high school offering three small learning communities in the residential community of 41,000 people of Essex County, NJ. Our three small learning communities consist of STEM (Science, Technology, Engineering, and Mathematics), CGI (Civics and Government Institute), and CSJ (Center for Social Justice). Our four-year college preparatory program offers Advanced Placement as well as options in honors and high honors. If you would like to discuss any part of this report or the student's application, please call the Guidance Center.

Class Periods/Course Credit

Montclair operates an eight-period day. Students are enrolled in seven courses at a time. Students enrolled in CGI, CSJ, and STEM learning communities are required to take an additional academic elective which impedes their ability to take other courses outside the required curriculum. Classes meet 44 minutes per day. Credit is awarded at the end of the course; 36 weeks for yearlong courses and 18 weeks for semester courses. All courses earn 5 credits except for semester courses, which earn 2.5 credits. Advanced Science courses are awarded 6 credits because they have an additional laboratory period. Additional credits may be earned by taking a zero period or a ninth period course in certain elective areas. *Note: 5 or 6 credits = 1 credit year.*

Grading Scale

A = 90 - 100
B = 80 - 89
C = 70 - 79
D = 60 - 69
F = 0 - 59

GPA

All courses are included in the grade point average calculations except transfer grades from other educational institutions or programs, audited courses, and pass/fail courses. Summer School courses are included in the GPA if the student has repeated the course. GPA is calculated on a weighted 4.0 scale. Honors courses are designated with "H," High Honors courses are designated with "HH" and Advanced Placement courses are designated with "AP". All designations appear after the course. GPA is calculated using the grid below:

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>F</u>
AP/High Honors	5.0	4.0	3.0	2.0	0
Honors	4.5	3.5	2.5	1.5	0
Regular	4.0	3.0	2.0	1.0	0

Academic Honors

National Merit Semifinalist - 6
National Merit Finalist- 4
Letter of Commended Scholars - 32

Graduation Requirements

All students are required to complete a minimum of 122 credits and demonstrate proficiency in both English Language Arts and Mathematics in one of the approved state assessments. This will earn them a general diploma.

English	20 credits
Mathematics	15 credits; must include Algebra I and Geometry
Science	15 credits (must include Biology, an additional lab science including Chemistry, Environmental Science, or Physics; and a third lab/inquiry-based science course)
US History	10 credits for all students; US History I (Pre-Colombian to 1896); US History II (1897 to present)
World History and Cultures	5 credits
Health & Physical Education	15 credits (3.75 credits per year of health, safety, and physical education during each year of enrollment, distributed as 150 minutes per week, as required by N.J.S.A. 18A:35-5, 7 and 8)
World Language	5 credits or proficiency through testing. <i>Students planning to enter or transfer into a four year college or university are highly encouraged to take 10 credits of the same language.</i>
Financial Literacy	2.5 credits (content also taught in Government Studies H and Social Justice Lab)
21st Century Life and Careers, or Career-Technical Education	5 credits
Fine Arts	5 credits

Class Rank

Montclair provides an estimation of class rank to the entire senior class at the end of the 6th semester (August) and 8th semester (June). Class rank is reported in 5% ranges (top 5%, 10% to top 100%) using a weighted GPA. Students must enroll prior to their junior year to be entered in the ranking system that occurs after 6th semester.

2017 Graduate Profile

Two year colleges - 3%
 Four year colleges - 83%
 Military/work/other* - 14%

* Includes Apprenticeship Program, Gap Year, and Career School

School Demographics

48% - White
 29% - Black
 12% - Hispanic
 6% - Asian/Pac. Islander
 <1% - American Indian/
 Native American
 5% - Multiracial

GPA Range	Number of Students in Class of 2018	% of Students
4.760 - 4.500	69	14%
4.499 - 4.000	140	29%
3.999 - 3.500	127	26%
3.499 - 3.000	70	14%
2.999 - 2.500	42	9%
2.499 - 2.000	20	4%
< 2.00	20	4%

AP Testing Summary

672 tests given to 365 students

Testing Profile

SAT	360 Test Takers	
	MHS	State
Evidence Based	582	539
Reading and Writ.		
Mathematics	570	537
TOTALS	1152	1076
ACT	283 Test Takers	
	MHS	State
English	25.2	23.8
Mathematics	24.5	23.8
Reading	25.3	24.1
Science	23.8	23.2
Composite	24.8	23.9

Exam Grade	5	4	3	2	1	Total	% of scores 3 or above
Art History	1	1	1	2		5	60
Music Theory	2		2			4	100
Studio Art: Drawing Portfolio	2	2	2			6	100
English Language & Comp.	2	8	9			19	100
English Literature & Comp.	6	14	11	5		36	86
European History	2	1	3			6	100
Macroeconomics	3	4	3	2		12	83
Microeconomics		1	2		1	4	75
Psychology			1		1	2	50
US Govt and Politics	3	2	1			6	100
US History	45	53	36	27	13	174	77
World History	6	13	6	3	1	29	86
Calculus AB	37	15	8	2		62	97
Calculus BC	37	1				38	100
Computer Science A	10	2	8	2	1	23	87
Computer Science Principles	1	3				4	100
Statistics	10	11	14	1	1	37	95
Biology	11	18	10			39	100
Chemistry	10	2				12	100
Environmental Science	4	12	4	2	2	24	83
Physics I		3	12	14	6	35	43
Physics 2			2	1		3	66
Physics C: E and M	4	1				5	100
Physics C: Mechanics	7	8				15	100
Chinese Language & Culture				1	1	2	0
French Language	2	1	5			8	100
German Language	1					1	100
Spanish Language & Culture	12	20	25	3		60	95
Spanish Literature & Culture		1				1	100

Colleges Matriculated by the Class of 2017

*Schools in **bold** typeface indicate two or more students from the graduating class*

Albright College
Alfred University
American University
Amherst College
Arcadia University
The University Of Arizona
Artistic Academy
Bard College
Barnard College
Bennington College
Bentley University
Bergen Community College
Berkeley College
Berklee College of Music
Binghamton University
Bloomfield College
Boston College
Boston Conservatory at Berklee
Boston University
University of Bridgeport
Brown University
Bucknell University
Caldwell University
University of California, Berkeley
University of California, Davis
University of California, Los Angeles
University of California, Riverside
University of California, Santa Barbara
Carnegie Mellon University
Castleton University
The Catholic University Of America
City University of London
Claremont McKenna College
Clemson University
Colby College
University of Colorado at Boulder
Columbia University
Concordia University – Montreal
Connecticut School of Broadcasting
Cornell University
Curry College
Dalton State College
Dartmouth College
Dean College
Delaware State University
University of Delaware
Denison University
Dickinson College
University of the District of Columbia
Drew University
Drexel University
Duquesne University
Eckerd College
Elmira College
Elon University
Emerson College
Emory University
Essex County College
Fairleigh Dickinson University
Fashion Institute of Technology
Fordham University
Franklin & Marshall
Full Sail University
The George Washington University
Georgetown University
Georgia Institute of Technology
The University of Georgia
Goucher College
Green Mountain College
Guilford College
Hamilton College
Hampshire College
Harvard University
High Point University
Hofstra University
Howard University
University of Illinois at Urbana-Champaign
Indiana University at Bloomington
Iona College
The University of Iowa
Ithaca College
John Jay College of Criminal Justice CUNY
Johnson & Wales
The Juilliard School
Kean University
Keiser University
Lafayette College
Lehigh University
Lewis & Clark College
LIM College
Loyola University Maryland
Lynn University
Macalester College
University of Maine
Manhattan College
Marist College
University of Maryland, Eastern Shore
Maryland Institute College Of Art
University of Maryland College Park
University of Massachusetts, Amherst
University of Massachusetts, Dartmouth
McGill University
University of Miami
University of Michigan
University of Missouri Columbia
Mitchell College
Monmouth University
Montclair State University
Moravian College
Mount Holyoke College
Muhlenberg College
University of New Hampshire at Durham
University of New Haven
New Jersey City University
New Jersey Institute of Technology
The College of New Jersey
The New School
New York Institute of Technology
State University of New York—New Paltz
New York University
North Carolina A&T State University
Northeastern University
Northwestern University
Nova Southeastern University
Nyack College
Oberlin College of Arts and Sciences
Occidental College
The Ohio State University
Pace University
Pennsylvania College of Technology
Pennsylvania State University
Philadelphia University
University of Pittsburgh
Pitzer College
Point Park University
Pomona College
Post University
Pratt Institute
Princeton University
Purchase College SUNY
Quinnipiac University
Reed College
Rensselaer Polytechnic Institute
Rhode Island School of Design
University of Rhode Island
Rider University
University of Rochester
Rowan University
Rutgers University
Sacred Heart University
Saint Joseph's University
The College of Saint Rose
San Diego Sate University
Sarah Lawrence College
Savannah College of Art & Design
School of Visual Arts
Seton Hall University
Skidmore College
Smith College
Sophie Davis School CUNY
University of South Carolina
University of Southern California
Southern Methodist University
St. John's College
St. Lawrence University
Stevens Institute of Technology
Stevenson University
Stockton University
SUNY College Env. Science & Forestry
Swarthmore College
Syracuse University
Temple University
University of Texas, Austin
University of Toronto
Towson University
Trinity College
Tufts University
Tulane University
Union County College
University of Bath
University of Utah
Utica College
Vanderbilt University
Vassar College
University of Victoria
Villanova University
Virginia Tech
Wagner College
Wake Forest University
Washington Adventist University
Washington University in St. Louis
Wesleyan University
West Chester University PA
West Virginia University
William Paterson University of NJ
Williams College
University of Wisconsin - Madison
Woodbury University
Yale University

Total Index of Courses by Department

ENGLISH

World Literature (9) HH
English 10 (A, H, HH)
English 11 (H, HH)
Language and Composition (11) AP
English 12 H
Literature and Composition (12) AP
ESL Beginning/Intermediate/Advanced/
Transitions
ESL Support
Read 180
Journalism I & II H
*Humanities H
*Philosophy and Composition H
African American Literature I & II H
Creative Writing H
Essay and Skill Development I I H
Essay and Skill Development I2 H
Read, Write, Think H
Satire and Protest Literature H
Short Stories H
Speech and Communication H
Sports and Literature H
**Film and Literature H*
**Women's Literature H*

WORLD LANGUAGE

French H (I, II, III), IV HH, V AP, VI HH
German H (I, II, III), IV HH, V AP
Italian H (I, II, III) IV HH
Mandarin H (I, II, III) IV HH, V AP
Latin H (I, II, III), IV HH
Spanish (I, II, III) H, IV HH
Spanish V AP, VI Lit AP
Spanish Cinema HH

MATHEMATICS

Algebra I (H, HH)
Algebra I/II HH
Algebra II Part 2, HH
Algebra II (H, HH)
Calculus H
Calculus-AB AP
Calculus-BC AP
College Calculus III HH
Computer Science I H
Comp Science A AP
Comp Science Principles AP
Geometry (H, HH)
Pre-calculus (H)
Probability and Statistics
Statistics AP
Trig/Calculus (H, HH)

PHYSICAL/HEALTH EDUCATION

Adaptive Physical Education
Driver Education/Health
Physical Education

SCIENCE

**Astronomy*
**Bioethical Issues*
**Biochemistry of Food*
Biology (H, AP)
Chemistry (H, AP)
Environmental Science (H, AP)
**Forensic Science*
Geophysical Science (H)
**Marine Biology*
***Anatomy & Physiology (H)*
Physical Science
Physics (H)
Physics I AP-Algebra Based
Physics II AP-Algebra Based
Physics C (I,II) AP
Project Based Learning- STEM

SOCIAL STUDIES

**African American History*
American Foreign Policy H
Analysis of Monetary Policy HH
Cultural Pluralism H
Economics H, HH
Global Studies H
Government and Politics: US (H, AP)
Government Studies I, II, III H
History 12
History of American Law & Policy, H
Holocaust, Genocide, & Modern Humanity H
Human Geography H, AP
Macro Economics HH
Modern European History AP
Social Change in America H, HH
Social Justice History 12 H
Social Justice Lab H
U.S. History I (H, AP)
U.S. History II (H, AP)
Women of the World H
World History AP
20th Century Cultural History of US H

TECHNOLOGY/BUSINESS

Intro to Architecture & Design, (H)
Architectural Design II, III, IV (H)
Automotive Mechanics
Carpentry I, II
**Entrepreneurial Studies*
**Finance*
**Intro to Advertising*
Intro to Engineering & Design
Intro to Marketing
**Marketing & Distribution I&II*
**Marketing Media Production*
Power Technology
**Principles of Advertising*
**Small Business Administration*
You and Your Car
Principles of Engineering HH
Robotics (I, II, III, IV) HH

VISUAL & PERFORMING ARTS

3-D Design
**Acting, Advanced Acting*
**Advanced Dance*
Advanced Ceramics H
**Art Foundations*
Art History, AP
Art I, II, III H
**Band*
**Ceramics*
Chorus
**Digital Imaging & Design*
**Drawing & Composition I*
**Fibers & Textile Design*
Film Making I & II
Honor Choir H
**Intro to Dance*
**Intermediate Dance*
Madrigal Choir H
Music Appreciation
Music Theory II HH, AP
Orchestra H
**Sculpture*
Senior Portfolio
Studio Art AP
**Technical Theatre*
**Web Design*

All courses offered at Montclair are exclusively college preparatory in nature. Tiered courses will be indicated by the various level offerings (Honors, High Honors or AP) located next to the course title.

Legend:

Italics = Semester courses
* = Students can contract to Honors and/or High Honors within a course
** = Students can contract for Seton Hall University Credit
H = Honors
HH = High Honors
AP = Advanced Placement

Course Levels:

HONORS (H) - Students recommended to these classes typically have high grades and high scores on standardized assessments usually above the 70th percentile. Classroom instruction assumes that all students have the skills and motivation enabling them to do special reports and projects, etc., in addition to mastering the regular basic test and materials.

ADVANCED PLACEMENT (AP) AND HIGH HONORS (HH) – High Honors and AP courses are equally rigorous. Students recommended to these classes typically have high grades and very high-test scores – usually above 95th percentile on appropriate standardized achievement tests. These students have also demonstrated a great interest in the subject with skills commensurate with enthusiastic independent work and exploration.