

# 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.