

# Montclair High School

## School Profile 2018-2019

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

Terry Trigg-Scales

### Assistant Principal

Jeffrey Freeman  
Eileen Gilbert  
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 and quarter courses which earn 1.25 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:

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>F</i>
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 Semifinalists - 5  
National Merit Finalists - 5  
Letter of Commended Scholars - 28

### 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, Geometry, and a third year of math that builds upon Algebra and Geometry skills
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.

### 2018 Graduate Profile

Two year colleges - 3%  
 Four year colleges - 89%  
 Military/work/other\* - 7%

\* Includes Apprenticeship Program, Gap Year, and Career School

### School Demographics

50% - White  
 27% - Black  
 12% - Hispanic  
 5% - Asian/Pac. Islander  
 <1% - American Indian/  
 Native American  
 5% - Multiracial

GPA Range	Number of Students in Class of 2019	% of Students
4.820 - 4.500	65	13%
4.499 - 4.000	156	31%
3.999 - 3.500	99	20%
3.499 - 3.000	74	15%
2.999 - 2.500	43	9%
2.499 - 2.000	36	7%
< 2.00	26	5%

### 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	

### AP Testing Summary

Exam Grade	5	4	3	2	1	Total	% of scores 3 or above
Art History		3	1	1		5	80
Music Theory		2	3	1	1	7	71
Studio Art: Drawing Portfolio			1			1	100
English Language & Comp.	10	5	6	1		22	95
English Literature & Comp.	4	7	4	6		21	71
European History		5	2			7	100
Human Geography	1	2		1	1	5	60
Macroeconomics		1	1			2	100
Psychology	1				1	2	50
US Govt and Politics		2		1		3	66
US History	43	57	39	23	5	167	83
World History	1	7	3	7		18	61
Calculus AB	34	14	7			55	100
Calculus BC	47	2				49	100
Computer Science A	11	3	3	1		18	94
Computer Science Principles	4	4	1			9	100
Statistics	10	14	6			30	100
Biology	15	16	3	1		35	97
Chemistry	4	3	1			8	100
Environmental Science	9	19	4	4	2	38	84
Physics I		2	5	6	2	15	47
Physics C: E and M	5					5	100
Physics C: Mechanics	7	13	4	1		25	96
Chinese Language & Culture			1			1	100
French Language	3	2				5	100
Japanese Language	1					1	100
Spanish Language & Culture	12	30	8	4		54	93
Spanish Literature & Culture		1	1	2	1	5	40

# Colleges Matriculated by the Class of 2018

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

Adelphi University  
**American University**  
Amherst College  
Arizona State University  
**Bard College**  
Barnard College  
Bates College  
**Bennington College**  
Bergen Community College  
Berkeley College  
Berklee College of Music  
Binghamton University  
**Boston College**  
**Boston Conservatory at Berklee**  
**Boston University**  
**Brandeis University**  
**Brookdale Community College**  
Brown University  
Bryant University  
**Bucknell University**  
Caldwell University  
University of California, Berkeley  
**University of California, Los Angeles**  
University of California, Santa Barbara  
University of California, Santa Cruz  
Carnegie Mellon University  
Case Western Reserve University  
**Centenary University**  
Champlain College  
Claremont McKenna College  
Clemson University  
Colby College  
**Colgate University**  
College of the Atlantic  
College of William and Mary  
**University of Colorado at Boulder**  
Colorado College  
Columbia University  
**Connecticut College**  
University of Connecticut  
**Cornell University**  
County College of Morris  
Dartmouth College  
Delaware County Community College  
Delaware State University  
**University of Delaware**  
DePaul University  
Dickinson College  
Drake University  
Drew University  
Drexel University  
Duale Hochschule Baden-Württemberg  
Duke Kunshan University  
Duke University  
Eastern University  
Eckerd College  
The University of Edinburgh  
Elon University  
**Emerson College**  
**Essex County College**  
**Fairleigh Dickinson University**  
Felician University  
**Fordham University**  
**Full Sail University**

**The George Washington University**  
Georgetown University  
Georgia Institute of Technology  
The University of Georgia  
Goucher College  
Hampshire College  
Hampton University  
Harvard University  
**University of Hartford**  
**Haverford College**  
**Howard University**  
Immaculata University  
Imperial College London  
**Indiana University Bloomington**  
**Ithaca College**  
John Hopkins University  
Johnson C. Smith University  
**Kean University**  
Kenyon College  
**Lafayette College**  
**Lehigh University**  
LIM College  
University of Louisville  
Loyola Marymount University  
**Loyola University New Orleans**  
Lynn University  
Macalaster College  
**Marist College**  
University of Maryland, Baltimore County  
**Massachusetts Institute of Technology**  
**University of Maryland College Park**  
**Massachusetts Institute of Technology**  
University of Massachusetts, Amherst  
McDaniel College  
**McGill University**  
Mercyhurst University  
Miami-Dade College  
University of Miami  
**Michigan State University**  
**University of Michigan**  
Middlebury College  
**Milford Academy**  
**Montclair State University**  
Moore College of Art & Design  
Morehouse College  
**Mount Holyoke College**  
Muhlenburg College  
**University of New Haven**  
**The College of New Jersey**  
New Jersey City University  
**New Jersey Institute of Technology**  
CUNY—Macaulay Honors College  
**State University of New York Albany**  
State University of New York Buffalo  
State University of New York at Geneseo  
State University of New York Purchase  
**New York University**  
**The New School**  
North Carolina A&T State University  
**Northeastern University**  
**Northwestern University**  
**Oberlin College of Arts & Sciences**  
**Occidental College**  
The Ohio State University  
University of Oregon

Pace University  
Passaic County Community College  
Paul Mitchell Cosmetology School  
Pennsylvania State University  
**University Of Pennsylvania**  
**University of Pittsburgh**  
Pitzer College  
**Pratt Institute**  
**Princeton University**  
**Quinnipiac University**  
Rhode Island School of Design  
**University of Rhode Island**  
Ringling College of Art & Design  
Roanoke College  
Robert Morris University  
**Rochester Institute of Technology**  
University of Rochester  
Roger Williams University  
Rowan University  
**Rutgers University**  
**Sacred Heart University**  
**University Of Saint Andrews**  
St. Bonaventure University  
**St. John's University**  
Saint Joseph's University  
San Jose State University  
Sarah Lawrence College  
**Savannah College of Art & Design**  
Saxion Hogeschool  
University of Scranton  
Simon Fraser University  
**Skidmore College**  
**Smith College**  
University of Southern California  
**Spelman College**  
**Stevens Institute of Technology**  
**Stockton University**  
**Syracuse University**  
**University of Tampa**  
**Temple University**  
University of Texas, Austin  
University of Texas, Tyler  
University of Toronto  
Towson University  
**Tufts University**  
**Union College**  
United States Military Academy  
University of Utah  
Utah Valley University  
Valley Forge Military College  
Vanderbilt University  
Vassar College  
**University of Vermont**  
**University of Virginia**  
**Virginia Tech**  
**Wake Forest University**  
University of Washington  
**Wesleyan University**  
**West Essex County College**  
West Virginia University  
Western University  
Wheaton College  
**William Paterson University of NJ**  
Williams College  
**University of Wisconsin - Madison**  
**Xavier University of Louisiana**

# Total Index of Courses by Department

## ENGLISH

World Literature (H, 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, HH)  
\*Philosophy and Composition (H, HH)  
\*African American Literature I & II (A, H)  
\*Creative Writing (A, H)  
\*Essay and Skill Development 11 (A, H)  
\*Essay and Skill Development 12 (A, H)  
\*Read, Write, Think (A, H)  
\*Satire and Protest Literature (A, H)  
\*Short Stories (A, H)  
\*Speech and Communication (A, H)  
\*Sports and Literature (A, H)  
\*Film and Literature (A, H)  
\*Women's Literature (A, 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 III/Trig (H) (new course in 18-19)  
Algebra II (H, HH)  
Calculus (H)  
Calculus-AB AP  
Calculus-BC AP  
Calculus III (HH)  
Computer Science I (H)  
Comp Science A AP  
Comp Science Principles AP  
Geometry (H, HH)  
Pre-calculus (H)  
Probability and Statistics (A, H)  
Statistics AP  
Trig/Calculus (H, HH)

## PHYSICAL/HEALTH EDUCATION

Adaptive Physical Education  
Driver Education/Health  
Physical Education

## SCIENCE

\*Astronomy (A, H)  
\*Bioethical Issues (A, H)  
\*Biochemistry of Food (A, H)  
Biology (H, AP)  
Chemistry (H, AP)

## SCIENCE (cont.)

Environmental Science (H, AP)  
\*Forensic Science (A, H)  
Geophysical Science (H)  
\*Marine Biology (A, H)  
\*\*Anatomy & Physiology (H)  
Physics (A, H)  
Physics I AP-Algebra Based  
Physics II AP-Algebra Based  
Physics C (I,II) AP  
Project Based Learning- STEM (H)

## SOCIAL STUDIES

\*African American History (A, H)  
\*American Foreign Policy (A, H)  
\*Analysis of Monetary Policy (A, H, HH)  
\*Cultural Pluralism (A, H)  
Global Studies H  
Government and Politics: US (H, AP)  
Government Studies I, II, III H  
History 12  
\*History of American Law & Policy (A, H)  
\*Holocaust, Genocide, & Modern Humanity (A, H)  
Human Geography H, AP  
\*Macro Economics (H, HH)  
Modern European History AP  
Social Justice 10, 11, 12 (H)  
U.S. History I (H, HH, AP)  
U.S. History II (H, AP)  
Women of the World (A, H)  
World History AP  
\*20th Century Cultural History of US (A, H)

## TECHNOLOGY/BUSINESS

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

## VISUAL & PERFORMING ARTS

\*3-D Design (A, H)  
\*Acting, Advanced Acting (A, H)  
\*Advanced Dance (A, H)  
Advanced Ceramics (H)  
\*Art Foundations (A, H)  
Art History, AP  
Art I, II, III (H)  
\*Band (A, H)  
\*Ceramics (A, H)  
Chorus  
\*Digital Imaging & Design (A, H)  
\*Drawing & Composition I (A, H)  
\*Fibers & Textile Design (A, H)  
\*Film Making I & II (A, H)  
Honor Choir (H)

## VISUAL & PERFORMING ARTS (cont.)

\*Intro to Dance (A, H)  
\*Intermediate Dance (A, H)  
Madrigal Choir (H)  
\*Music Appreciation (A, H)  
Music Theory II HH, AP  
Orchestra (H)  
\*Sculpture (A, H)  
Senior Portfolio (H)  
Studio Art AP  
\*Technical Theatre (A, H)  
\*Web Design (A, H)

All courses offered at Montclair H.S. are exclusively college preparatory in nature. Tiered courses are reflected on the transcript by the various level offerings (Honors, High Honors or AP) located next to the course title. Courses without a level designation on the transcript are considered to be offered at the Academic (A) level.

### 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.

**\*NOTE**— Montclair H.S. began phasing out High Honors course offerings in the 2017-2018 school year. Beginning with the 2018-2019 school year, HH courses are only offered in World Languages, US History I, English I I, Calculus III, and Music Theory II. Please note that these changes will impact cumulative GPA's for graduating seniors, relative to previous years.