

# Montclair High School

## School Profile 2019-2020

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

Anthony Grosso

### Assistant Principals

Mirta Alsina  
Reginald Clark  
Eileen Gilbert  
Sally Howell-Rembert

### Director of School Counseling

Dustin Bayer

### School Counseling Staff

Lauren Csuka  
Chanda Fields  
Sophia Kenny  
Raissa Maynard  
Siobhan Meyer  
Nicholas Santangelo  
Shirley Sharples  
Gina Testa  
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 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. Additionally, Montclair HS offers dual enrollment opportunities with Montclair State University (MADE), Seton Hall University and Kean University. If you would like to discuss any part of this report or the student's application, please call the Office of School Counseling.

### Class Periods/Course Credit

**Prior to the 19-20 School Year:** Montclair HS operated on an eight-period day where students were enrolled in seven courses at a time. Classes met 44 minutes per day. Students had the opportunity to earn additional credits by taking zero period, or a ninth period elective.

**19-20 School Year:** Montclair HS adopted a double-rotating drop schedule. Students are enrolled in eight classes at a time with a community lunch. Classes meet for 52 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. *Note: 5 or 6 credits = 1 credit year.* 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.

### 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        |
| Academic       | 4.0      | 3.0      | 2.0      | 1.0      | 0        |

### 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 - 5%  
 Four year colleges - 85%  
 Military/work/other\* - 10%

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

### School Demographics

50% - White  
 27% - Black  
 12% - Hispanic  
 6% - Asian/Pac. Islander  
 <1% - American Indian/  
 Native American  
 6% - Multiracial

| GPA Range     | Number of Students in Class of 2020 | % of Students |
|---------------|-------------------------------------|---------------|
| 4.690 - 4.500 | 45                                  | 9%            |
| 4.499 - 4.000 | 190                                 | 37%           |
| 3.999 - 3.500 | 123                                 | 24%           |
| 3.499 - 3.000 | 69                                  | 13%           |
| 2.999 - 2.500 | 46                                  | 9%            |
| 2.499 - 2.000 | 22                                  | 4%            |
| < 2.00        | 25                                  | 5%            |

### Testing Profile

**SAT** 390 Test Takers

Mean Scores *MHS* *State*

Evidence Based 603 544

Reading and Writ.

Mathematics 603 545

TOTALS 1206 1089

**ACT** 305 Test Takers

*MHS* *State*

English 26.7 23.8

Mathematics 24.5 23.8

Reading 27.1 24.1

Science 24.6 23.2

Composite 25.8 23.9

### AP Testing Summary

| Exam Grade                    | 5  | 4  | 3  | 2  | 1 | Total | % of scores 3 or above |
|-------------------------------|----|----|----|----|---|-------|------------------------|
| Art History                   |    | 1  | 1  | 3  | 1 | 6     | 33%                    |
| Music Theory                  | 2  | 1  | 3  | 6  | 2 | 14    | 43%                    |
| Studio Art: Drawing Portfolio | 2  |    |    |    |   | 2     | 100%                   |
| English Language & Comp.      | 14 | 18 | 25 | 15 | 1 | 73    | 78%                    |
| English Literature & Comp.    | 6  | 8  | 17 | 7  |   | 38    | 55%                    |
| European History              | 2  |    | 1  | 1  |   | 4     | 75%                    |
| Human Geography               |    | 3  |    |    | 1 | 4     | 75%                    |
| Macroeconomics                | 2  | 5  | 1  |    | 1 | 9     | 89%                    |
| Psychology                    |    | 1  | 1  |    | 1 | 3     | 67%                    |
| US Govt and Politics          | 1  |    | 4  | 1  |   | 6     | 67%                    |
| US History                    | 41 | 47 | 57 | 27 | 7 | 179   | 81%                    |
| World History                 | 5  | 9  | 5  | 3  |   | 22    | 86%                    |
| Calculus AB                   | 29 | 14 | 4  |    |   | 47    | 100%                   |
| Calculus BC                   | 51 | 5  | 2  |    |   | 58    | 100%                   |
| Computer Science A            | 11 | 4  | 7  | 3  | 4 | 29    | 76%                    |
| Computer Science Principles   | 4  | 7  | 3  |    |   | 14    | 100%                   |
| Statistics                    | 11 | 5  | 11 | 2  |   | 29    | 93%                    |
| Biology                       | 11 | 20 | 7  | 1  |   | 39    | 97%                    |
| Chemistry                     | 5  | 3  | 1  | 1  |   | 10    | 90%                    |
| Environmental Science         | 5  | 21 | 5  | 11 | 7 | 49    | 63%                    |
| Physics I                     |    | 3  | 1  | 12 | 2 | 18    | 22%                    |
| Physics C: E and M            | 4  |    |    | 1  |   | 5     | 80%                    |
| Physics C: Mechanics          | 11 | 3  | 3  | 2  |   | 19    | 89%                    |
| Chinese Language & Culture    | 1  | 2  | 2  |    | 1 | 6     | 83%                    |
| French Language               | 3  | 6  | 3  |    |   | 12    | 100%                   |
| Spanish Language & Culture    | 10 | 21 | 12 | 1  |   | 44    | 98%                    |
| Spanish Literature & Culture  |    | 2  | 3  | 3  |   | 8     | 63%                    |
| German Language & Culture     | 2  |    |    |    |   | 2     | 100%                   |

# Colleges Matriculated by the Class of 2018

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

Academy of Art University  
The University of Alabama  
Albertus Magnus College  
Alfred University  
AMDA College & Conservatory of the Performing Arts  
**American University**  
The University of Alabama  
**The University of Arizona**  
Avon Old Farms  
**Bates College**  
**Bergen Community College**  
**Berkeley College**  
University of Birmingham  
Bloomfield College  
Boston College  
**Boston University**  
Brandeis University  
Brown University  
Bryn Mawr College  
**Bucknell University**  
**Caldwell University**  
University of California, Berkeley  
University of California, Santa Barbara  
**California Institute of the Arts**  
California University of Pennsylvania  
University of Cambridge  
Cape Fear Community College  
The Catholic University of America  
**Centenary University**  
Central Michigan University  
Chatham University  
University of Chicago  
University of Cincinnati  
**CUNY—Manhattan Community College**  
Clemson University  
Colby College  
**Colgate University**  
College of Charleston  
College of Saint Elizabeth  
University of Colorado at Boulder  
**Colorado School of Mines**  
Columbia University  
**Connecticut College**  
Coppin State University  
**Cornell University**  
County College of Morris  
Dartmouth College  
**University of Delaware**  
Denison University  
Dickinson College  
**Drew University**  
**Drexel University**  
Duke Kunshan University  
East Stroudsburg University  
Eckerd College  
Elon University  
**Emerson College**  
Emory University  
**Essex County College**  
Fairleigh Dickinson University  
Fashion Institute of Technology  
Florida Institute of Technology  
Florida Southwestern State College  
**Franklin & Marshall College**  
Franklin Pierce University  
**The George Washington University**  
Georgetown University  
**Georgia State University**  
**Gettysburg College**  
Goucher College  
Hamilton College  
Hampton University  
**Harvard University**  
**Haverford College**  
Hobart and William Smith Colleges  
**Howard University**  
Hudson Valley Community College  
University of Illinois at Urbana-Champaign  
**Ithaca College**  
Jefferson (Philadelphia Univ. & Thomas Jefferson Univ.)  
**John Hopkins University**  
Johnson & Wales University  
Juniata College  
University of Kansas  
**Kean University**  
University of Kentucky  
**Kenyon College**  
Lackawanna College  
Lafayette College  
Lewis & Clark College  
**Lincoln Technical Institute**  
Lincoln University  
University of Louisville  
Loyola University Maryland  
Lycoming College  
**Macalaster College**  
**Marist College**  
**University of Maryland College Park**  
**University of Massachusetts, Amherst**  
University of Massachusetts, Boston  
**McGill University**  
Miami University,, Oxford  
**University of Miami**  
**Michigan State University**  
**University of Michigan**  
**Middlebury College**  
University of Minnesota, Twin Cities  
**Montclair State University**  
Mount Holyoke College  
New England College  
University of New Hampshire at Durham  
The College of New Jersey  
**New Jersey City University**  
**New Jersey Institute of Technology**  
**New York University**  
Norfolk State University  
The University of North Carolina at Chapel Hill  
**North Carolina State University**  
**Northeastern University**  
**University of Notre Dame**  
**Norwich University**  
Oberlin College of Arts & Sciences  
Occidental College  
The Ohio State University  
**University of Oregon**  
Otis College of Art & Design  
**Passaic County Community College**  
**Pennsylvania State University**  
**University Of Pennsylvania**  
**University of Pittsburgh**  
Pitzer College  
Pomona College  
Pratt Institute  
Princeton University  
Purdue University  
**Ramapo College of New Jersey**  
Rensselaer Polytechnic Institute  
Rhode Island School of Design  
Rice University  
**University of Richmond**  
**Rider University**  
**Rowan University**  
**Rutgers University**  
**Sacred Heart University**  
Salve Regina University  
San Diego State University  
Sarah Lawrence College  
**Savannah College of Art & Design**  
**Scripps College**  
**Seton Hall University**  
Shenandoah University  
**Skidmore College**  
**University of Southern California**  
Southern Connecticut State University  
Spelman College  
**University of St. Andrews**  
**St. John's University**  
**Stevens Institute of Technology**  
Stony Brook University  
**Swarthmore College**  
**Syracuse University**  
**University of Tampa**  
**Temple University**  
**University of Toronto**  
Towson University  
**Tufts University**  
Tulane University  
**Union College**  
Union County College  
United States Merchant Marine Academy  
United States Naval Academy  
Universal Institute of Technology  
Vanderbilt University  
**Vassar College**  
**University of Vermont**  
Villanova University  
**University of Virginia**  
Virginia Tech  
Wake Forest University  
**Washington University, St. Louis**  
Webster University  
Wellesley College  
Wells College  
**Wesleyan University**  
West Chester University of Pennsylvania  
West Essex County College  
**William & Mary**  
**William Paterson University of NJ**  
Williams College  
University of Wisconsin - Madison  
The College of Wooster  
Yale University  
York College of Pennsylvania

# 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/  
ESL 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)  
Algebra III/Trig (H) (new course in 18-19)  
Algebra II (H)  
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  
Dance (Intro, Intermediate, Advanced)

## SCIENCE

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

## SCIENCE (cont.)

\*Forensic Science (A, H)  
Geophysical Science (H)  
\*Marine Biology (A, H)  
\*\*Anatomy & Physiology (H, HH)  
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, HH)  
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)

## Montclair State University Academic Dual Enrollment Program (MADE)

Courses Identified by MSU-MADE

\*MADE students take 2 Fall semester courses and 2 Spring semester courses in their senior year. Initial transcripts may not reflect Spring MSU courses.

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  
\*\*\* = Students can contract for Kean University Credit (new in 19-20 school year)  
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.