

# Montclair High School

## School Profile 2020-2021

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 Principals

Mirta Alsina  
Reginald Clark  
Eileen Gilbert  
Sally Howell-Rembert

### Director of School Counseling

Dustin Bayer

### School Counseling Staff

Rachael Wartel  
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 and Beyond:** 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:

	A	B	C	D	F
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. **\*Note** — Students in the Class of 2021 will have the option to choose whether or not they want to include their class rank on their transcripts sent to colleges.

### 2020 Graduate Profile

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

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

### School Demographics

51%	- White
26%	- Black
12%	- Hispanic
6%	- Asian/Pac. Islander
<1%	- American Indian/ Native American

GPA Range	Number of Students in Class of 2021	% of Students
4.627 - 4.500	42	8%
4.499 - 4.000	201	37%
3.999 - 3.500	133	24%
3.499 - 3.000	79	15%
2.999 - 2.500	46	8%
2.499 - 2.000	26	5%
< 2.00	16	3%

### Testing Profile

SAT			385 Test Takers	
Mean Scores	MHS	State		
Evidence Based Reading and Writ.	607	541		
Mathematics	599	540		
<b>TOTALS</b>	<b>1206</b>	<b>1081</b>		
ACT			305 Test Takers	
English	26.5	23.8		
Mathematics	25.1	23.8		
Reading	27.6	24.1		
Science	24.9	23.2		
Composite	26.1	24.2		

### AP Testing Summary

Subject Totals	1	2	3	4	5	Total Exams	% of scores 3 or above
2-D Art and Design			1	3	1	5	100
Art History		2	3	2	2	9	78
Biology		1	17	21	7	46	98
Calculus AB		3	11	25	10	49	94
Calculus BC			1	7	42	50	100
Chemistry	1		3	3	3	10	90
Chinese Language and Culture	1	1				2	0
Computer Science A			2	6	7	15	100
Computer Science Principles			3	9	3	15	100
English Language and Composition	2	21	32	61	45	161	86
English Literature and Composition	1	9	15	4	7	36	72
Environmental Science	1	7	3	21	10	42	86
European History		2	3	1		6	67
French Language and Culture		1		3	6	10	90
Human Geography		1	2	7	5	15	93
Japanese Language and Culture					1	1	100
Macroeconomics	1		3	5	1	10	90
Microeconomics	1				2	3	67
Music Theory		7	3	2	2	14	50
Physics 1	3	5	8	3	1	20	60
Physics 2		1	1			2	50
Physics C: Electricity and Magnetism			1	2	2	5	100
Physics C: Mechanics	1	2	2	7	8	20	85
Psychology					1	1	100
Spanish Language and Culture		2	8	16	13	39	95
Spanish Literature and Culture			1		1	2	100
Statistics	1	4	8	18	10	41	88
United States Government and Politics		2	1	1	1	5	60
United States History	18	55	72	65	29	239	69
World History: Modern	1	6	10	13	6	36	81

## Colleges Matriculated by the Class of 2020

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

American International College  
**American University**  
Universiteit van Amsterdam  
**The University of Arizona**  
**Arizona State University—Tempe**  
Auburn University  
**Barnard College**  
Bates College  
Benedict College  
Bennington College  
Bergen Community College  
**Berklee College of Music**  
**Bloomfield College**  
Bloomsburg University of PA  
Boston College  
Bowdoin College  
**Brandeis University**  
**Brown University**  
Bryn Mawr College  
Bucknell University  
**University of California –Los Angeles**  
**University of California—San Diego**  
**University of California—Santa Barbara**  
Cal Poly, San Luis Obispo  
Carleton College  
Carnegie Mellon University  
**Case Western Reserve University**  
Champlain College  
Clark University  
College of Charleston  
**University of Chicago**  
**University of Cincinnati**  
CUNY—Manhattan Community College  
CUNY-John Jay College Criminal Justice  
**University of Colorado at Boulder**  
Columbia College Chicago  
**Columbia University**  
Concordia University  
Connecticut College  
Cooper Union for Adv. Of Science and Art  
**Cornell University**  
Covenant College  
University of Dayton  
Delaware State University  
**Dickinson College**  
Drew University  
East Stroudsburg University  
Eastern University  
The University of Edinburgh  
Emerson College  
**Essex County College**  
Fairleigh Dickinson University  
**Fordham University**  
Franklin & Marshall College  
**The George Washington University**  
**Georgetown University**  
Georgia State University  
Gettysburg College  
University of Hartford  
**Haverford College**  
**Howard University**  
Indiana University—Bloomington  
**Ithaca College**  
James Madison University  
**John Hopkins University**  
Johnson & Wales University  
The Julliard School  
**Kean University**  
Lafayette College  
**Lehigh University**  
Lewis & Clark College  
**Lincoln Technical Institute**  
University College London  
**Louisiana State University**  
**Loyola Marymount University**  
Loyola University Chicago  
Loyola University Maryland  
Loyola University New Orleans  
Lycoming College  
**Macalester College**  
Marist College  
**University of Maine**  
**University of Maryland College Park**  
Maryland Institute College of Art  
Marymount Manhattan College  
University of Massachusetts, Amherst  
Massachusetts Institute of Technology  
McDaniel College  
McGill University  
Mercer County Community College  
Mercy College  
**University of Miami**  
Michigan State University  
**University of Michigan**  
**Montclair State University**  
Muhlenberg College  
**University of New Haven**  
**The College of New Jersey**  
**New Jersey City University**  
**New Jersey Institute of Technology**  
**The New School**  
New York Acting School  
New York Film Academy  
**New York University**  
North Carolina Central University  
North Carolina State University  
**Northeastern University**  
**Northwestern University**  
Oberlin College of Arts & Sciences  
Occidental College  
**The Ohio State University**  
University of Oklahoma  
**Pace University**  
**Pennsylvania State University**  
**University of Pittsburgh**  
Pomona College  
**Pratt Institute**  
Princeton University  
Providence College  
**Ramapo College of New Jersey**  
Reed College  
**Rensselaer Polytechnic Institute**  
Rhode Island College  
University of Richmond  
**Rider University**  
**Rochester Institute of Technology**  
Rotterdam University of Applied Sciences  
**Rowan University**  
**Rutgers University**  
Saint Joseph's University  
Salve Regina University  
**San Diego State University**  
**Sarah Lawrence College**  
Savannah College of Art & Design  
School of the Art Institute of Chicago  
**School of Visual Arts**  
Scripps College  
**Seton Hall University**  
**Skidmore College**  
**University of Southern California**  
**Southern Methodist University**  
St. Bonaventure University  
**St. John's University**  
St. Lawrence University  
**Stevens Institute of Technology**  
**Stockton University**  
SUNY College of Environmental & Forestry  
SUNY College at Oswego  
SUNY College of Technology at Delhi  
SUNY Cortland  
SUNY at Purchase College  
**Syracuse University**  
University of Tampa  
**Temple University**  
**The University of Tennessee-Knoxville**  
**Tufts University**  
**Tulane University**  
United States Naval Academy  
Ursinus College  
**Vassar College**  
**University of Vermont**  
**Villanova University**  
**University of Virginia**  
**Virginia Commonwealth University**  
**Virginia Tech**  
Wake Forest University  
University of Washington, Seattle  
Wentworth Institute of Technology  
**Wesleyan University**  
West Essex County College  
Wilkes University  
**William & Mary**  
**William Paterson University of NJ**  
**University of Wisconsin - Madison**  
Worcester Polytechnic Institute  
Yale University

# Total Index of Courses by Department

## ENGLISH

World Literature (H)  
English 10 (A, H)  
English 11 (A, H)  
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 (A, H)  
\*Philosophy and Composition (A, H,)  
\*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)  
\*Hip Hop as Modern Literature (A, H)  
\*Literature of the Diaspora (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 H, V AP, VI HH  
German H (I, II, III), IV H, V AP  
Italian H (I, II, III) IV H  
Mandarin H (I, II, III) IV H, V AP  
Latin H (I, II, III), IV H  
Spanish (I, II, III) H, IV H  
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 (A, H)  
Probability and Statistics (A, H)  
Statistics AP  
Trig/Calculus (H)

## 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)  
\*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 (A, H)  
Modern European History AP  
Social Justice 10, 11, 12 (H)  
U.S. History I (A, H, HH)  
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.