

Montclair High School

School Profile 2021-2022

100 Chestnut Street
Montclair, NJ 07042

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

CEEB: 310820

Principal

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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 Kean University, Montclair State University, and Seton Hall 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.

COVID-19 Updates:

As of the start of the 2021-2022 year, classes are being conducted daily in-person for the entire student population. There have been no changes to the type or number of classes in which a student can enroll, and no grading changes are anticipated.

Montclair High School operated on the virtual platform from March 13, 2020 through June 1, 2021; at that time students were given the option to return to the building in either the hybrid model or remain virtual through June 24, 2021

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

Academic Honors

National Merit Semifinalists - 4
National Merit Finalists - 3
Letter of Commended Scholars - 25

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;
Science	15 credits
US History	10 credits
World History and Cultures	5 credits
Health & Physical Education	15 credits
World Language	5 credits
Financial Literacy	2.5 credits
21st Century Life and Careers, or Career-Technical Education	5 credits
Fine Arts	5 credits

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

Class Rank

Class ranking percentiles will no longer appear on student transcripts for the Class of 2022 and beyond.

2020 Graduate Profile

Two year colleges - 3%
Four year colleges - 86%
Military/work/other* - 11%

* Includes Apprenticeship Program, Gap Year, and Career School

School Demographics

52% - White
24% - Black
12% - Hispanic
6% - Asian/Pac. Islander
<1% - American Indian/
Native American

GPA Range	Number of Students in Class of 2022	% of Students
4.627 - 4.500	48	9%
4.499 - 4.000	218	43%
3.999 - 3.500	107	21%
3.499 - 3.000	59	12%
2.999 - 2.500	31	6%
2.499 - 2.000	23	5%
< 2.00	22	4%

Testing Profile

SAT			385 Test Takers	
Mean Scores			MHS	State
Evidence Based Reading and Writ.	612	562		
Mathematics	605	563		
TOTALS	1217	1125		
ACT			305 Test Takers	
			MHS	State
English	27.4	NA*		
Mathematics	24.7			
Reading	28			
Science	25.6			
Composite	26.5			

AP Testing Summary

Subject Totals	1	2	3	4	5	Total Ex-ams	% of scores 3 or above
2-D Art and Design			3	6	1	10	100
Art History	2	11	8	4	5	33	52
Biology		5	13	32	8	58	92
Calculus AB		4	7	11	18	40	90
Calculus BC			3	4	33	40	100
Chemistry			2	5	11	18	90
Chinese Language and Culture			1			1	100
Computer Science A	4			7	11	22	82
Computer Science Principles	1	2	5	14	3	25	88
English Language and Composition	5	45	55	59	28	192	74
English Literature and Composition	1	19	21	8	2	51	61
Environmental Science	1	4	6	18	3	32	84
European History		2	4	2		8	75
French Language and Culture		1	4	3	6	14	93
Human Geography	1			1	2	4	75
German Language and Culture	1		1	1	1	4	75
Macroeconomics	1	1			2	4	50
Music Theory		1	1	2	5	9	89
Physics 1	3	1	2	6	2	14	71
Physics C: Electricity and Magnetism				2	3	5	100
Physics C: Mechanics		3	9	15	7	34	91
Psychology					1	1	100
Spanish Language and Culture		3	6	6	8	23	87
Spanish Literature and Culture			3			32	100
Statistics	1	5	7	6	7	26	77
United States Government and Politics				2		2	100
United States History	54	46	48	40	25	213	59
World History: Modern	2	5	2	4	3	16	56

Colleges Matriculated by the Class of 2021

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

American University
 Anglo-American University
 Appalachian State University
 Arcadia University
The University of Arizona
Bard College
Bates College
 Bergen Community College
 Berkeley College
Berklee College of Music
Binghamton University
Boston College
Boston University
Brandeis University
 Brigham Young University
Bucknell University
 Caldwell University
University of California –Berkeley
 University of California-Los Angeles
University of California—Santa Barbara
 University of California-Santa Cruz
Cal Poly State-San Luis Obispo
 Carleton College
 Carlow University
Carnegie Mellon University
 Catawba College
Clark Atlanta University
 Cleveland State University
 Colby College
Colgate University
 College of Charleston
 University of Chicago
University of Colorado at Boulder
 Colorado College
 Columbia University– City of NY
Cooper Union for Adv. Of Science and Art
 Cornell University
 CUNY—Manhattan Community College
Dartmouth College
University of Delaware
 Dickinson College
Drew University
 Drexel University
 Duale Hochschule Baden-Wuerttemberg
University College Dublin
 Duke University
 Eckerd College
 Elon University
Emerson College
 Emory University
Essex County College
 Fairleigh Dickinson University
Fashion Institute of Technology
University of Florida
 Florida Gulf Coast University
 Florida State University
Fordham University
Franklin & Marshall College
 Gannon University
George Washington University

Georgetown University
 Georgia State University
Gettysburg College
 Grinnell College
 Hamilton College
Hampton University
 Harvard University
Howard University
Hudson County Community College
Indiana University—Bloomington
 Indiana Wesleyan University
Ithaca College
James Madison University
Kean University
 Kenyon College
 Lafayette College
 Lehigh University
 Loyola University Chicago
Loyola University Maryland
Loyola University New Orleans
 Manhattan College
 Marist College
University of Maryland College Park
 Marymount Manhattan College
University of Massachusetts, Amherst
 McDaniel College
 McGill University
 Mercer County Community College
 Miami University-Oxford
University of Michigan
Middlebury College
University of Missouri-Columbia
Montclair State University
 Moravian University
 Morehouse College
 Mount Holyoke College
 University of New Haven
 The College of New Jersey
New Jersey Institute of Technology
The New School
New York University
 Norfolk State University
 University of North Carolina-Chapel Hill
Northeastern University
Northwestern University
 Norwich University
 University of Notre Dame
Oberlin College of Arts & Sciences
 Occidental College
 The Ohio State University
 University of Oregon
 University of Oxford
Pace University
 Passaic County Community College
 University of Pennsylvania
Pennsylvania State University
University of Pittsburgh
 Pratt Institute
 Princeton University
 Queen's University
Rhode Island School of Design
Rice University

Rider University
 Rochester Institute of Technology
Rowan College
Rowan University
Rutgers University
 Saint Elizabeth University
 University of San Diego
 San Francisco State University
Sarah Lawrence College
 Savannah College of Art & Design
 School of the Art Institute of Chicago
School of Visual Arts
 University of Scranton
Seton Hall University
 Siena College
Skidmore College
 University of South Carolina-Columbia
 University of Southern California
 Southern University and A&M College
 Spelman College
 University of St. Andrews
St. John's University
St. Joseph's College-NY
 St. Olaf College
 Stetson University
 Stevens Institute of Technology
 Stockton University
 Stony Brook University
 SUNY at Purchase College
 SUNY Morrisville
 Susquehanna University
 Sussex County Community College
Syracuse University
Temple University
 The University of Tennessee-Knoxville
 University of Texas as Austin
University of Toronto
Towson University
 Trinity College
Trinity College Dublin
 Tufts University
Tulane University
United States Military Academy
 United States Naval Academy
Vassar College
University of Vermont
Villanova University
 Virginia Commonwealth University
 Virginia Military Institute
 Virginia Tech
Wake Forest University
Washington University-St. Louis
Wesleyan University
 West Virginia University
 Western University
 Westmont College
College of William & Mary
William Paterson University of NJ
 Williams College
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 (I I) 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 II/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)

Dual Enrollment Program

Montclair High School offers dual enrollment opportunities with Kean University, Montclair State University, and Seton Hall University. Courses taken as Dual Enrollment are designated as "DE" followed by the University initials. For example, students taking courses at Montclair State University will have the notation "DE – MSU".
 *Initial transcripts may not reflect Spring 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.